

Position Number	Agency	Name of Office	Primary Contact	FN (Yes/No)
E23-01	NOAA HQ	Office of Legislative and Intergovernmental Affairs	Tanya Dobrzynski	Yes
E23-02	NOAA	Policy and Constituent Affairs Division	Trisha Bergmann	Yes
E23-03	FWS HQ	Headquarters, Ecological Services	Gina Shultz	Yes
E23-04	DOT	U.S. Committee on the Marine Transportation System (CMTS)	Heather Gilbert	No
E23-05	State	Office of Marine Conservation	Dave Hogan	No
E23-06	NOAA NOS	Office for Coastal Management, Coral Reef Conservation Program	Jennifer Koss	Yes
E23-07	NOAA OAR	OAR Front Office	Liz Tirpak	No
E23-08	NOAA OAR	Congressional Analysis and Relations Division (CARD)	April Croxton	No
E23-09	NOAA OAR	OAR Policy and Congressional Affairs Branch, Policy Team	Katie Robinson	Yes
E23-10	BSEE	Office of Policy and Analysis	Dr. Guillermo Auad	No
E23-11	EPA	Office of Water, Office of Science and Technology	Galen Kaufman	No
E23-12	NOAA NMFS	Office of Sustainable Fisheries, Domestic Fisheries Division	Debra Lambert	No
E23-13	MMC	N/A	Peter Thomas	Yes
E23-14	NOAA	Office of International Affairs	Dann Karlson	No
E23-15	MARAD	Office of Environment and Innovation	Daniel Yuska	No
E23-16	NOAA NMFS	Highly Migratory Species Management Division, Office of Sustainable Fisheries	Karyl Brewster-Geisz	No
E23-17	NSF	Division of Ocean Sciences, Office of the Division Director	Stacy Aguilera-Peterson	No
E23-18	NOAA HQ	NOAA Budget Office, Budget Formulation and Communications Division	Sierra Jones	Yes
E23-19	NOAA OAR	NOAA Research International Activities Office	Meredith Kurz	No
E23-20	NSF	Office of Polar Programs	Dr. Andrew Titmus	No
E23-21	BOEM	Office of Environmental Programs	Meghan Cornelison	Yes
E23-22	NOAA OMAO	Office of Marine and Aviation Operations	Alexis Gutierrez	Yes
E23-23	NOAA OAR	Senior Advisor for Climate	Ko Barrett	No
E23-24	NOAA OAR	NOAA Ocean Exploration	Adrienne Copeland	No
E23-25	BOEM	Strategic Policy and International Affairs (SPIA)	Laura Strickler	No
E23-26	NOAA OAR	NOAA Ocean Exploration	Caitlin Adams	No
E23-27	NOAA NESDIS	NESDIS Legislative Analysis Team	Merriam Norris	No
E23-28	NOAA NOS	National Centers for Coastal Ocean Science	Michelle Harmon	Yes [1]
E23-29	NOAA OAR	Ocean Acidification Program	Libby Jewett	No
E23-30	NOAA OAR	Ocean Acidification Program	Liz Perotti	No
E23-31	FEMA	Resilience, Risk Management Directorate	Shubha Shrivastava	No
E23-32	NOAA NOS	National Ocean Service	Mark Osler	Yes
E23-33	NOAA OAR	National Sea Grant Office (NSGO)	Lacy Alison	Yes
E23-34	FWS	Branch of Coastal and Marine Resources, Ecological Services - Headquarters	Katie Niemi	No
E23-35	NOAA OAR	OAR Communications Office	Michael Murphy	No
E23-36	NOAA OAR	National Sea Grant Office	Mark Rath	Yes
E23-37	NOAA OAR	National Sea Grant Office	Joshua Brown	Yes
E23-38	NOAA NOS	Office for Coastal Management	Josh Lott	Yes
E23-39	DOI	Office of the Assistant Secretary for Fish and Wildlife and Parks	Jillian Cohen	No
E23-40	NOAA NESDIS	NESDIS/STAR/SOCD	Emily Smail	Yes
E23-41	NOAA OAR	Global Ocean Monitoring and Observing (GOMO) Program	Cheyenne Stienbarger	Yes
E23-42	NOAA	The Office of System Architecture and Advanced Planning	Vanessa Escobar	Yes
E23-43	NOAA OAR	Global Ocean Monitoring and Observing (GOMO) Program	Cheyenne Stienbarger	Yes

E23-44	BOEM	Office of Environmental Programs (OEP)	Yoko Furukawa	Yes
E23-45	NOAA NOS	U.S. Integrated Ocean Observing System (IOOS) Office	Carl Gouldman	No
E23-46	NOAA	UxS Research Transition Office	Bryan Cole	Yes
E23-47	NOAA NOS	U.S. Integrated Ocean Observing System (IOOS) Office	Carl Gouldman	No
E23-48	NOAA NOS	Office for Coastal Management	Liz Mountz	Yes
E23-49	NOAA NOS	National Centers for Coastal Ocean Science	Tony Marshak	Yes
E23-50	FEMA/CSO	Hazard Mitigation Assistance Division, Community Infrastructure Resilience Branch	Janan Reilly	No
E23-51	NOAA HQ	OCFO, NOAA Budget Office	Beth Lamb	Yes
E23-52	NOAA NESDIS	STAR	Alexis Wolfe	Yes
E23-53	FWS	Fish and Aquatic Conservation	Tom McCann	No
E23-54	NOAA NOS	Integrated Ocean and Coastal Mapping (Office of Coast Survey)	Ashley Chappell	No
E23-55	NOAA HQ	Office of Education	Carrie McDougall	Yes
E23-56	NOAA HQ	Office of Education	Bronwen Rice	Yes
E23-57	NOAA NMFS	NOAA Fisheries Office of the Assistant Administrator	Spencer Showalter	No
E23-58	NOAA NWS	Weather Program Office	Christine Bassett	Yes
E23-59	NOAA NMFS	Office of Protected Resources	Larissa Plants	Yes
E23-60	USGS	Midcontinent Regional Office - Great Lakes Program	Jon Hortness	No
E23-61	NOAA OAR	National Sea Grant Office	Alison Krepp	Yes
E23-62	NOAA NWS	Analyze, Forecast, and Support Office	Allison Allen	Yes
E23-63	NOAA NESDIS	NOAA CoastWatch in NESDIS/STAR/SOCD	Veronica Lance	No
E23-64	NOAA NOS	Formulation and Planning Division	Aria Remondi	Yes
E23-65	NOAA OAR	Climate Program Office	Sean Bath	Yes
E23-66	NOAA OAR	OAR Office of the Chief of Staff	James Jenkins	Yes
E23-67	Navy	Office of the Oceanographer of the Navy	Dr. Wayne Estabrooks	No
E23-68	Executive Office of the President	Council on Environmental Quality	Sara Gonzalez-Rothi	No
E23-69	NSF	Office of the Assistant Director, Directorate for Geosciences	Shelby Walker	Yes
E23-70	FWS	Congressional and Legislative Affairs	Angela Gustavson	No
E23-71	DOE	Water Power Technologies Office	Carrie Schmaus	No
E23-72	DOE	Wind Energy Technologies Office	Tyler Christoffel	No
E23-73	Executive Office of the President	Office of Science and Technology Policy	Deerin Babb-Brott	No
E23-74	FWS	Fish and Aquatic Conservation Program (FAC)	Teresa Lewis	No
E23-75	NOAA HQ	Office of the Under Secretary of Commerce for Oceans and Atr	Karen Hyun	No
E23-76	NOAA HQ	Office of the Under Secretary of Commerce for Oceans and Atr	Karen Hyun	No

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Position Number: E23-01

Agency: NOAA HQ

Host Office: Office of Legislative and Intergovernmental Affairs

Name/Title of Primary Mentor: Tanya Dobrzynski/Deputy Director, OLIA

Co-Mentor: Makeda Okolo

Position Title: Congressional Affairs Fellow

FN Welcome: Yes

Portfolio Summary:

You can expect:

- Close mentoring with NOAA's experts on Congressional engagement;
- Contact with NOAA's senior leadership, programmatic experts, and regional personnel;
- Strategic and tactical responsibility on the teams that build NOAA's interface with Congress and key stakeholders;
- You will be viewed as a full team member in the office, and as you gain experience throughout the year, you will have an ability to branch off to focus on particular issues important to NOAA, Congress, and your own interests;

Your Potential Portfolio:

- Rollout the NOAA FY23 budget to Congress
- Educate Congress about NOAA's Office of Education
- Assist NOAA line offices in preparing hearing testimony and for briefings
- Support NOAA's Tribal Liaison on the Tribal Team
- Coordinating Congressional engagement for NOAA's Arctic Action Team
- Facilitate NOAA in the Caribbean Team efforts
- Represent OLIA on NOAA's Regional Collaboration Team
- You have the opportunity to work more closely with individual line offices (e.g., the National Environmental Satellite, Data, and Information Service, Office of Oceanic and Atmospheric Research, National Weather Service, National Marine Fisheries Service, etc.) depending on your interests and OLIA's needs.

Expertise Desired:

- Strong oral communication skills, including comfort speaking in front of groups
- Strong written communication skills, including excellent editing skills
- Comfort working with diverse constituent groups
- Excellent organizational skills and ability to multi-task
- Broad environmental or marine science knowledge is helpful but not necessary

Offices Goals and Duties:

When there's news about significant coastal, ocean, or weather issues, you can be sure that NOAA is involved—and that Congress will want to know what the Agency is doing. As the Congressional Affairs

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Fellow at NOAA's Office of Legislative and Intergovernmental Affairs (OLIA), you will personally help communicate NOAA's mission to Members of Congress and their staff in an effective and consistent manner during Congressional Hearings, meetings with individual Members or Committees, and daily phone calls and emails from Congressional staff. At OLIA, you would join the dialogue on cutting-edge issues that drive the budget and political cycles— hurricane response and recovery efforts, the state of U.S. aquaculture development, National Marine Sanctuary expansions, and more. You will need to bring patience, drive, and excellent communication skills to this position as you interact with NOAA's Headquarters, Program Offices, and Congress.

Day in the Life:

A typical day might feature any – or all! – of the following:

- Orchestrating an interaction between the NOAA Administrator and Members of Congress and their staff;
- Responding to congressional inquiries on NOAA issues in a timely and responsible manner (including inquiries from Legislative Knauss fellows);
- Meeting with Congressional staff to share positions, find common ground, and negotiate a cooperative path forward;
- Working with NOAA (and other Agency staff) to develop Administration legislative language for various ocean, coastal, and atmospheric initiatives.
- These tasks will help you refine your ability to handle multiple issues simultaneously and gain firsthand knowledge about the interplay between legislative and executive branches.

Office Culture:

OLIA is a smart, impactful, high-functioning, fun-loving, mutually respectful office in which every voice matters and all ideas are encouraged to be brought forward...and from time to time we play fun games and go on cool excursions.

Office Location: Department of Commerce Building (Herbert Hoover Office Building), 1401 Constitution Ave. NW, Washington, DC 20230

Current Office Work Situation: Teleworking two days per week and in-person three days per week (and as needed for meetings on the Hill, etc)

Travel within DC: 4-7 Days/Month, frequent travel to the Hill

Travel Outside of DC: Variable/Infrequent

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Position Number: E23-02

Agency: NOAA

Host Office: Policy and Constituent Affairs Division

Name/Title of Primary Mentor: Trisha Bergmann/Senior International Affairs Analyst

Co-Mentor: Joanna Peth

Position Title: Ocean and Coastal Policy Analyst

FN Welcome: Yes

Portfolio Summary:

We need the best minds -- your mind -- to join the dynamic policy team in the headquarters of NOAA's National Ocean Service (NOS), where you will assist NOS leadership and programs in addressing complex coastal challenges and supporting our engagements with Congress, the White House, other federal and state agencies, and constituents. For example, the Fellow will support interagency bodies in support of our engagement with the White House on National Ocean Policy. The Fellow will have opportunities to organize and support activities at conferences, including Capitol Hill Oceans Week. The fellow will be our "go to" person for managing incoming requests from Congress, the White House, and external organizations. This position will provide a broad perspective on how NOAA programs fit into broader ocean and coastal policy discussions and activities. Coastal communities are facing unprecedented changes and challenges ranging from more severe storms and sea level rise to oil spills and harmful algal blooms. The National Ocean Service (NOS) is one of NOAA's major branches (called Line Offices) and houses the agency's most diverse ocean and coastal missions and programs. Because of our broad portfolio, we are open to developing a portfolio to accommodate a Fellow's interests. NOS programs include Coastal Zone Management, National Marine Sanctuaries, Marine Protected Areas, National Estuarine Research Reserves, coral reef conservation, coastal resilience and adaptation planning, oil spill response, marine debris, harmful algal blooms and hypoxia, and ocean and coastal science. NOS is also the nation's provider of core land and coastal data and services, including the Nation's nautical charts, spatial reference system, water level observation network, shoreline mapping program and related geospatial and real time observations, such as Digital Coast and the Integrated Ocean Observing System.

Expertise Desired:

Policy experience is helpful but is by no means required for this position. This is a good position for Fellows with mostly science backgrounds that are seeking to broaden their scope and venture into the policy arena. Fellows with some experience in law and policy will have ample opportunity to venture further into these areas.

Offices Goals and Duties:

The Policy and Constituent Affairs Division in NOS headquarters is a small, highly motivated group whose mission is to provide timely, value-added public service, leadership, oversight, and coordination of policy services for NOS and NOAA ocean communities. PCAD supports NOS leadership on a diversity

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of issues and serves as the critical liaison between NOS and NOAA leadership, NOAA's Program Coordination Office, and the Office of Legislative and Intergovernmental Affairs.

Day in the Life:

This is a high level position with diverse and dynamic interactions across the National Ocean Service, NOAA, interagency arena, Congress and constituents. This includes responding to congressional, White House and other inquiries and seizing upon these as opportunities to communicate the value and impact of NOS programs. We analyze, develop, and promote legislation and policy initiatives. We support senior leaders by developing speeches, presentations, and talking points and propose and support constituent outreach.

Office Culture:

The work environment is based on mutual respect and cooperation. Staff are empowered and encouraged to work independently, but with the knowledge that division leadership and team members are there for consultation and have their back. Our work focuses on ensuring programs, senior leaders (and ourselves of course!) have the information and support they need to succeed in the policy arena. We place a premium on keeping up with current news, events and trends and identifying opportunities to maximize the impact of the diverse services and expertise of the National Ocean Service.

Office Location: SSMC4, Silver Spring, MD

Current Office Work Situation: Current telework posture requires two in-office days/week when Montgomery County Covid levels are "low"

Travel within DC: Depending on Covid protocols, the Fellow can expect to travel to interagency meetings and other local events on a routine basis

Travel Outside of DC: Depending on Covid protocols, the Fellow can expect to travel outside the area several times during the Fellowship year.

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Position Number: E23-03

Agency: FWS HQ

Host Office: Headquarters, Ecological Services

Name/Title of Primary Mentor: Gina Shultz/Deputy Assistant Director of Ecological Services

Co-Mentor: Martha BalisLarsen

Position Title: Special Assistant to Deputy Assistant Director of Ecological Services

FN Welcome: Yes

Portfolio Summary:

We are excited to host a Sea Grant Fellow in the fast-paced world of Ecological Services within the U.S. Fish and Wildlife Service (FWS). As the Special Assistant to the Deputy Assistant Director (Gina Shultz), the Fellow will support critical issues on behalf of the Deputy Assistant Director, her leadership team, and sometimes her supervisor, the Assistant Director. Under the leadership of the Deputy Assistant Director, the Fellow will coordinate work on new and changing policies, regulations, and initiatives for the ES Program ensuring alignment with current administration priorities. The Fellow will be responsible for project management, leadership collaboration, and several individual projects throughout the year; past fellows have worked closely with national pesticide consultations, implementation of the National Environmental Policy Act (NEPA), advancements to the Information for Planning and Consultation (IPaC) online tools, and as key support staff for cross-programmatic teams of top level FWS leadership. During the fellowship year, there is flexibility for the Fellow to become more deeply involved with office priorities that spark personal and/or professional interest. This position is an excellent opportunity to join a great team, be involved with complex issues, and influence conservation in our country. It is also a great opportunity for networking, professional development, and exposure to the FWS at a national level.

Expertise Desired:

Excellent collaboration, organizational, and people skills; strong written and oral communication; ability to manage multiple tasks under deadlines; ability to work independently if needed; ability to remain level-headed and flexible in a fast-paced and changing environment; ability to creatively develop alternative solutions; ability to proactively improve upon Program processes. Knowledge of the Endangered Species Act is not required. Interest in both aquatic and non-aquatic species conservation strongly recommended.

Offices Goals and Duties:

The Ecological Services Program provides national leadership for the conservation of species and the habitats on which they depend, including those protected by the Endangered Species Act, Fish and Wildlife Coordination Act, Coastal Barrier Resources Act, Marine Mammal Protection Act, and Clean Water Act. Through leadership in environmental restoration and response, environmental reviews of Federal projects, listing and recovery of protected species, and management of decision support and

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mapping tools, the Program works closely with partners to meet the conservation challenges of today and tomorrow.

Ecological Services staff use the best available science and sound managerial techniques to further the Service's mission to conserve, protect, and enhance fish and wildlife and their habitats for the continuing benefit of the American people. Through a partnership approach, we implement programs to promote habitat conservation and environmental health, recover endangered species, share information, and advocate for sound land and water management that conserves fish, wildlife, and plants.

Day in the Life:

This is a high level, 30,000-foot position that focuses on cross-programmatic work across the Agency. Staff within the Ecological Services Program at FWS Headquarters (in Falls Church, VA) are responsible for developing national policies and guidance to facilitate implementation of the Endangered Species Act and other laws; preparing and reviewing rulemakings; coordinating litigation related to the program; conducting and reviewing environmental reviews with other Federal agencies; providing outreach and building partnerships to advance the Program's goals; coordinating the Cooperative Endangered Species Conservation Fund and its expenditures; preparing justifications for the budget; and allocating the budget once it is received from Congress. The Fellow will have the opportunity to engage in many of these activities based on their interest. This could include preparing briefing materials for FWS leadership, compiling information for litigation, reviewing public comments on rules and regulations, writing material for publication in the federal register, reviewing grants, and more.

Office Culture:

Our office considers our working culture a very high priority. For over 5 years, we have worked hard to develop a culture of "us" where employees want to come to work because it's a positive and welcoming environment. Our office has identified a set of cultural beliefs, results, and actions to measure our progress towards three central goals: 1. To create a cohesive culture of excellence; 2. To be visionary leaders, trusted partners, and wise counselors in support of others; and 3. To empower lasting success in the conservation of imperiled species and habitats. ES HQ keeps office culture, diversity, equity, and inclusion at the forefront of our work, recognizing their importance in employee well-being and the success of our mission. We recognize that we must always continue to improve, and thus we have an Equity Champions group within our office dedicated to that commitment.

The fellow will work directly with the Deputy Assistant Director and Executive Leadership Team in a collaborative team environment where the fellow's input is always welcomed and valued. Although working at such a high level in the office requires independence, the fellow is a critical part of the office and will have the benefit of being able to join various smaller teams throughout the year as project interests are developed. The fellow will also be included in office culture through office-wide activities, including baseball outings and game nights, as well as regular book clubs and round table discussions intended to provoke thought and discussion.

Office Location: Falls Church, VA

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Current Office Work Situation: Currently the immediate team the fellow will work with is coming into the office 2 to 3 days a week and teleworking the rest of the time. This is also a flexible schedule with some weeks needing to come in more and others less. This telework policy is also subject to change as the office continues to return to a new normal.

Travel within DC: 1-5 (flexible)

Travel Outside of DC: 1-5 (flexible)

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Position Number: E23-04

Agency: DOT

Host Office: U.S. Committee on the Marine Transportation System (CMTS)

Name/Title of Primary Mentor: Helen Brohl/Executive Director

Co-Mentor: Heather Gilbert

Position Title: Policy Advisor to the Executive Director

FN Welcome: No

Portfolio Summary:

This unique full-time position provides important professional expertise within the Executive Secretariat of the US Committee on the Marine Transportation System. (www.cmts.gov). [2023 fellowship would be the 11th fellow with the CMTS!]. The CMTS is an interdepartmental/interagency maritime policy coordinating committee directed in statute to report on the state of the marine transportation system (MTS), coordinate maritime transportation policy, and align maritime transportation with other modes of transportation and the environment. You will be the professional staff lead with interagency initiatives related to the U.S. Arctic, related technology and innovative science, and ocean and coastal policy, as well as specialized CMTS projects appropriate to the Fellow's expertise and interests. Opportunity to delve into new and emerging issues. This position provides an extraordinary opportunity to work and network with professionals from 35+ Federal Departments and agencies (including NOAA; U.S. Coast Guard; U.S. Army Corps of Engineers; Departments of Energy and Interior; EPA) and White House offices (including Office of Science and Technology Policy; Ocean Policy Committee; Council on Environmental Quality) to enhance Federal interagency policy development for the MTS. Working under the direct supervision of the Executive Director (Knauss Fellow '83) and senior staff, the Fellow will have an opportunity to draft, propose, and recommend actions that affect high-level Federal Government policy. The Fellow will have direct responsibility to manage 1-2 big projects and support CMTS operations. The Fellow will be encouraged to observe and report on Congressional hearings and briefings, attend high and mid-level policy meetings and industry activities, as appropriate. Pursuant to pandemic, you won't be stuck in your cubicle! The knowledge gained from the experience will provide foundational skills and expertise which may assist in acquiring further employment in government and the private sector. The position is located at the Department of Transportation, a Gold LEED state-of-the-art Federal office building in SE Washington, across the street from the Navy Yard Metro station, and located a short distance to the U.S. Capitol, Nationals Stadium, Eastern Market, and the new SW "Wharf" Waterfront.

Expertise Desired:

Working knowledge of Microsoft Office applications including WORD, Excel, Power Point and Outlook, experience in video conferencing. Good communication and people skills, including the ability to lead teams in a collaborative and productive manner. Ability to do research and write papers and background briefs both independently and within a team for high-level Federal Government officials. Enthusiastic interest to learn more about the maritime transportation nexus with the marine and coastal

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environments, expand your knowledge of government processes, policy development, and lead interagency teams.

Offices Goals and Duties:

Our priority has always been to promote and support a unity of effort within a large number of issue areas to improve the MTS through interagency research, investigation, and policy coordination. Areas include: Arctic; Resilience; Data: navigation services; innovative science and technologies; impacts from COVID-19 on the Mariner Workforce; supply chain and infrastructure; environmental sustainability; and enhanced diversity within the maritime-related agencies and MTS. We are a well-established interagency policy coordinating committee who serves our 35+ member agencies and offices with over 15 years of success.

Day in the Life:

The Fellow will be treated as an equal professional in the office and prepared to step into their assignments almost immediately (albeit with guidance from senior staff), "Staffing" the integrated action team on Arctic maritime transportation and on innovative science and technology, the Fellow will have regular contact with the agency SME "leads" for those teams, develop and execute meetings, shepherd the respective work plans including publications, etc. The Fellow will compile and distribute the bi-weekly "MTS Notes," a collection of federal MTS-related agency activities; join outside meetings and hearings. The Fellow should feel comfortable with handling a few new or emerging issues as they arise. For example, the 2022 Fellow is managing the development of national guidance related to the discovery of unexploded ordnances by offshore wind developers.

Office Culture:

Professional, collaborative, supportive, friendly, strong mentorships, clear direction, engaged, open to new ideas/processes. Feel we make a difference.

Office Location: U.S. Department of Transportation - Washington D.C. (Navy Yard Metro Stop)

Current Office Work Situation: Hybrid with the full staff coming in the office every two/three weeks - two/three days a week. We are a collaborative office and find being in the office together keeps our collaboration strong.

Travel within DC: 2 or more

Travel Outside of DC: As mutually agreed upon by fellow and supervisor, pursuant to funding.

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Position Number: E23-05

Agency: State

Host Office: Office of Marine Conservation

Name/Title of Primary Mentor: Dave Hogan/Office Director

Co-Mentor: OMC Deputy Director Deirdre Warner-Kramer

Position Title: OMC Knauss Sea Grant Fellow

FN Welcome: No

Portfolio Summary:

During 2023, a Sea Grant Fellow serving as a foreign affairs officer in OES/OMC would provide professional staff support in a number of areas. Specific assignments will vary depending on the needs of the office and taking into account personal interests of the individual. The following is an illustrative list of the type of activities in which the Fellow might be involved in: Multilateral negotiations and discussions in conjunction with annual and intersessional meetings of regional fisheries management organizations and arrangements (RFMOs); bilateral meetings with key fishing nations, such as Canada, Norway, the European Union, Japan, China, and Russia; combating illegal, unreported, and unregulated (IUU) fishing and forced labor in fisheries, supporting ongoing negotiations and development of international guidance and criteria for assessing flag State performance; trade and environment issues (including seafood traceability) and the use of market-based measures and to achieve environmental objectives; implementation of international plans of action adopted by the UN Food and Agriculture Organization (managing fishing capacity; reducing seabird bycatch in longline fisheries; managing sharks; deterring illegal, unreported, and unregulated fishing activity; and the improvement of the status and trends of reporting); and working collaboratively with other U.S. government agencies on marine debris-related issues.

Expertise Desired:

No particular background is required, though knowledge of international fisheries would be a benefit. Good judgment, initiative and a collaborative style are welcome characteristics. Fellow must be able to receive a security clearance at the "secret" level (this typically precludes foreign nationals or dual citizens).

Offices Goals and Duties:

OES/OMC formulates and implements U.S. policy on a broad range of international marine conservation issues in order to ensure economic prosperity and security through healthy, sustainably managed fisheries in the oceans and Great Lakes. We negotiate the bilateral and multilateral agreements that make up the global legal framework for international fisheries management, and we also advance U.S. priorities through strong bilateral relationships and engagement in a range of regional and global bodies (such as the United Nations General Assembly, the UN Food and Agriculture Organization (FAO) and the Organization of Economic Cooperation and Development).

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U.S. leadership within these bodies drives science-based conservation and management measures that level the playing field and promote growth and job-creation for U.S. fishers, support economic and food security, and ensure a healthy and productive marine environment for fisheries that produce hundreds of billions of dollars and millions of jobs for the U.S. economy. Beyond the benefits to the United States, these bodies play an essential role in global economic and food security, which are critical for political stability. More than 3.2 billion people rely on fish as a primary source of animal protein. Many of these live in the world's poorest and most isolated areas, where alternatives for affordable high-quality protein are scarce.

OES works closely with partner agencies such as the National Oceanic and Atmospheric Administration, the U.S. Coast Guard, and the Office of the U.S. Trade Representative to develop international rules governing fisheries management, seafood trade, and maritime security that:

- Maintain a healthy and productive marine environment and marine ecosystems
- Promote economic benefits and food security for U.S. fishers and consumers through equitable access to sustainable fisheries
- Promote a level playing field for U.S. fishers through international standards of marine conservation and management that are commensurate with those in place in the United States
- Adopt and implement effective and enforceable conservation and management measures based on reliable and objective science and backed by effective monitoring, control and surveillance (MCS) measures
- Control and reduce bycatch and discards of juvenile fish, non-target fish species, associated and dependent species and species belonging to the same ecosystem (including sea turtles, seabirds, and sharks, among others).
- Control and prevent Illegal, Unreported, and Unregulated Fishing.
- Control fishing capacity and fishing effort at levels commensurate with the sustainability of fish stocks
- Protect the marine environment from destructive fishing practices, as well as from marine debris and marine pollution associated with fishing activities.
- Promote trade regimes that contribute to sustainable fisheries
- Promote responsible and sustainable aquaculture

Day in the Life:

Any given day can include consultations and collaboration with OMC colleagues, representing the Office, Bureau, or Department in inter-agency or international meetings, analyzing and commenting on internal and external policy documents, generating policy guidance and communications for overseas posts and inter-agency partners, and drafting policy documents for generating consensus on policy positions.

Office Culture:

OMC is a collegial and collaborative organization, with a strong sense of morale and teamwork. OMC values coordination, inter-personal cooperation, open communication, and integrity (as well as a sense of humor). We also host other fellows, liaison officers and rotational Foreign Service Officers, so we're experienced in hosting and supporting the OMC Knauss Fellow.

Office Location: OMC is located in the main State Dept. HQ at 2201 C. St. NW, Rm. 2758, Washington DC 20520

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Current Office Work Situation: OMC utilizes a flexible telework policy

Travel within DC: 3-6 (pre-pandemic)

Travel Outside of DC: 3-6 (pre-pandemic)

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Position Number: E23-06

Agency: NOAA NOS

Host Office: Office for Coastal Management, Coral Reef Conservation Program

Name/Title of Primary Mentor: Jennifer Koss/NOAA Coral Reef Conservation Program Director

Co-Mentor: Mike Lameier, CRCP International Lead

Position Title: Coral Reef Conservation Program Fellow

FN Welcome: Yes

Portfolio Summary:

The CRCP seeks a Sea Grant fellow in the Silver Spring, MD office. The fellow will have a diverse and flexible portfolio, which will include tasks such as providing support to efforts in the following areas:
Partnerships/Cross-Agency Collaboration:

The fellow will have the opportunity to support the NOAA co-chair of the US Coral Reef Task Force (USCRTF-<https://www.coralreef.gov/>), either the NOAA Administrator or the Assistant Secretary of Commerce for Oceans or Atmosphere/Deputy NOAA Administrator, and be a part of the leadership team of the USCRTF steering committee working closely with the Coral Reef Conservation Program Director. Additionally, the USCRTF is co-chaired by the Department of Interior (DOI). The NOAA and DOI co-chairs work closely leading up to and during the USCRTF Meetings, presenting opportunities for the fellow to engage with and learn from both NOAA and DOI partners.

The USCRTF was established in 1998 to lead U.S. efforts to preserve and protect coral reef ecosystems. The USCRTF includes leaders of 14 Federal agencies, seven U.S. States, Territories, Commonwealths, and three Freely Associated States, also known as jurisdictions. The USCRTF helps build partnerships, strategies, and support for on-the-ground action to conserve coral reefs. In most years, there is one USCRTF meeting in Washington DC and another in a jurisdiction. In September, the 45th USCRTF Meeting was held in Kona, Hawaii. The next meetings are planned for late winter 2023 in Washington DC and August/September 2023 in the US Virgin Islands.

The USCRTF also has active working groups (WGs) focused on climate change, coral disease, communications, enforcement, fisheries and ecosystem management, restoration, and watersheds. The WGs are usually co-chaired by a federal agency and a jurisdictional representative and meet monthly. The fellow will have an opportunity to collaborate with WG members, build new partnerships, and advance WG projects.

CRCP Support:

Depending on the interests and skill sets of the individual, programmatic cycles, and emerging needs, the fellow may work in any of the following Program areas, including:

Implementation of the Coral Program Strategic Plan

(<https://coralreef.noaa.gov/conservation/welcome.html>). Topic areas include working with state, territorial, and international partners to plan and implement activities to reduce local stressors on coral reefs like land-based sources of pollution and fishing impacts, and enhance coral reef restoration efforts in the face of warming and more acidified waters, disease, and other threats.

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Supporting the National Coral Reef Monitoring Program (NCRMP- <https://www.coris.noaa.gov/monitoring/welcome.html>) through developing synthesis products using NCRMP data, developing new ways to analyze data, and helping to produce coral status reports and/or annual data summary reports.

Supporting the CRCP external funding portfolio. Specific duties may include: assisting with grants processing and programmatic planning and interacting with external partners and grantees. The fellow benefits by gaining an insider's perspective on how federal grant competitions are managed while supporting NOAA's efforts to build public engagement and understanding.

Responding to congressional inquiries on NOAA coral issues, including technical drafting assistance for any bills, such as the Restoring Resilient Reefs Act of 2021, introduced to reauthorize the Coral Reef Conservation Act.

Support coral restoration coordination and planning in NOAA and across government agencies and jurisdictions.

Assist with the CRCP communications and outreach, including creating social media content, web stories, and outreach and education products and events. For example, the 2022 CRCP fellow helped restart the USCRTF Communications working group, was an active member of this group, wrote stories for CRCP's website, and participated in Capitol Hill Ocean Week.

Expertise Desired:

Mandatory Skills: Strong oral and written communication skills, including editing skills. Familiarity with science and ability to analyze and disseminate scientific information to multiple audiences. Strong organizational skills and ability to take initiative and lead projects. You must work well independently and in a dynamic and diverse team environment. Maintaining growth and an adaptable mindset will be critical for success.

Desired Background Skills: Familiarity with science, policy, and/or management issues related to coral reef ecosystems & associated organisms is a plus, as is having a great sense of humor (we almost put this in the mandatory section).

Offices Goals and Duties:

The NOAA Coral Reef Conservation Program (CRCP) was established in 2000 by the Coral Reef Conservation Act to protect, conserve, and restore the nation's coral reefs by maintaining healthy ecosystem function. It is a partnership or matrix program among four NOAA Line Offices and channels technical expertise across NOAA towards a multidisciplinary approach to understanding and conserving coral reef ecosystems. The CRCP leads efforts to study and conserve coral reefs due to an increasing number of threats, including pollution, unsustainable fishing practices, and global climate change. In addition to working with scientists across NOAA, the CRCP partners with federal, state, territorial, and international governments, academic institutions, non-governmental organizations, and community groups.

Day in the Life:

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This fellowship provides the opportunity to work at both a high and ground level. At the high level, the fellow will participate in intergovernmental relationships through coordinating the USCRTF steering committee. The USCRTF steering committee is presently drafting a resolution defining coral reefs as national natural infrastructure. At the ground level, the fellow will work directly with members of USCRTF Working Groups (WGs), including federal and jurisdictional government agencies, coral reef scientists, and managers, on issues critical to advancing coral reef conservation and restoration. Current WG topics include establishing water quality standards for corals, developing sustainable coral reef fisheries action plans, supporting the National Climate Assessment, supporting stony coral tissue loss disease (SCTLD) research and interventions, and assisting with communications. The CRCP is a dynamic and fast-paced office where day-to-day activities are rarely predictable, NEVER boring, and are often on the federal government's front line for domestic and international coral reef conservation.

Office Culture:

Given the broad scope of the CRCP, our office culture focuses on inclusiveness, communication, transparency, and encouraging active participation in decision-making. We align our activities around the NOAA CRCP Strategic Plan that clearly articulates the Program's vision, mission, and goals. Teamwork, consensus building, and cohesiveness are key to how the CRCP achieves its goals and milestones. We are a group of highly motivated, energetic, and diverse individuals dedicated to conserving the nation's coral reefs. We bring together unique skills, cultures, and perspectives in our day-to-day work, value a shared sense of humor (necessary given the herculean task we have set out for ourselves), and enjoy each other's company at after-work events.

Office Location: Silver Spring, MD, Building 4, 10th Floor

Current Office Work Situation: The fellow will likely be in full-time telework status initially as our physical office space is scheduled to be renovated in late 2022/ early 2023. We might transition back into the office as early as March of 2023 . There will be opportunities to meet with CRCP staff throughout the year.

Travel within DC: rarely, lots of video meetings

Travel Outside of DC: COVID-dependent, but potentially be 2-3 trips over 12 months for Task Force Meetings and to assist in coral conservation project work. Previous fellows have also presented at international conferences.

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Position Number: E23-07

Agency: NOAA OAR

Host Office: OAR Front Office

Name/Title of Primary Mentor: Liz Tirpak/Senior Advisor, Policy and Partnerships

Co-Mentor: None

Position Title: Policy Advisor - Domestic Engagement Lead for the UN Decade of Ocean Science for Sustainable Development

FN Welcome: No

Portfolio Summary:

The UN Decade of Ocean Science for Sustainable Development (2021-2030, hereinafter Ocean Decade) presents an opportunity to promote the application of science in achieving sustainable use of our Great Lakes, ocean and coastal resources. The Decade Implementation Plan (2020) defined global objectives that mirror NOAA's mission and the goals articulated in the NSTC/SOST Decadal Vision for Ocean Science and Technology. NOAA is the federal agency that is best positioned to ensure the UN Decade is optimized as a means to promote and showcase U.S. ocean science and technology leadership and the effective execution of our National Ocean Policy.

We are seeking a fellow to support the growing portfolio of Ocean Decade-related NOAA initiatives and facilitate both a 30+ member internal working group and the 40+member interagency working group under the Ocean Policy Committee's Subcommittee on Ocean Science and Technology. Such efforts will require vigorous networking and routine coordination and collaboration across NOAA, the USG, and with the US public and private sectors -- not only to identify relevant initiatives and partnerships, but also to ensure public understanding of the value of such efforts to the US economy. Fellow would work directly with the OAR Senior Advisor and the US National Committee for the Decade (hosted by the National Academy of Sciences) to develop and implement a US engagement strategy for the Decade, which includes participation in the annual meetings of several major domestic science and technology professional societies.

Expertise Desired:

A team player with sound oral and written communication skills, organizational skills, creativity and a positive attitude.

Offices Goals and Duties:

The National Science and Technology Council (NSTC) recognizes NOAA as the action owner for the deliverable "Coordinate interagency planning for the Decade of Ocean Science" articulated in the 2021 Subcommittee on Ocean Science and Technology (SOST) Work Plan.

The Ocean Decade presents a tremendous opportunity for NOAA to advance our mission with more partners than ever before, and to achieve our domestic and foreign science policy goals, leveraging

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global expertise, platforms, data, and funding to address global and national ocean, climate and sustainable development challenges.

Day in the Life:

High Level:

Since 2020, OAR has led a Task Force of the NOAA Ocean and Coastal Council to mobilize subject matter experts across NOAA to contribute to and influence U.S. Government (USG) Decade engagement. Membership includes specialists in international affairs, policy, communications, economics, education, congressional affairs, as well as Regional Collaborators. As facilitator of this group, you will work the NOAA International Affairs Council to formulate NOAA's response to relevant SOST actions. This Task Force prepares NOAA for engaging (and leading) the interagency working group for the Ocean Decade. All related USG deliverables for the Ocean Decade are made possible and accountable by this structure. Given the breadth of the Ocean Decade goals and challenges, this effort will connect you with many disciplines, both on the Science and Service end of NOAA and other federal agencies.

Office Culture:

This position sits within the front office of NOAA Research, which abides by all NOAA policies, see <https://www.noaa.gov/inclusion-and-civil-rights>. The atmosphere is professional, collegial, safe and respectful. Goals are mutually established through routine consideration of opportunities that optimize fellowship experience while accomplishing as many near-and long-term tactical objectives of the position.

Office Location: Silver Spring, Maryland; Building SSMC3 - Ste 11412

Current Office Work Situation: Maximum flexibility within the rules as set by the agency.

Travel within DC: 5-7

Travel Outside of DC: 5-7

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Position Number: E23-08

Agency: NOAA OAR

Host Office: Congressional Analysis and Relations Division (CARD)

Name/Title of Primary Mentor: April Croxton/Congressional Team Lead

Co-Mentor: Josie Galloway

Position Title: Congressional Affairs Specialist

FN Welcome: No

Portfolio Summary:

As a member of the Congressional Analysis and Relations Division (CARD) team, the fellow will be placed at the nexus of the legislative and executive branches with many opportunities to gain an excellent understanding of the decision-making processes that take place between Congress and NOAA's Office of Oceanic and Atmospheric Research (ie. NOAA Research). In cooperation with NOAA's Office of Legislative and Intergovernmental Affairs, the fellow will support scientists and senior management at hearings and briefings on Capitol Hill and staff congressional visits to NOAA Research labs and programs across the country. The fellow will learn to translate scientific information for delivery to a congressional audience as well as how to interpret congressional action for a scientific audience. The fellow will work at the senior level with experts on a range of issues relating to climate, weather, air quality, and ocean, coastal, and Great Lakes research. CARD will work with the fellow to tailor their portfolio to best fit his/her interests and future career goals and interests.

CARD is a fast-paced, exciting office that develops Congressional activities, visits, strategies, and briefings for NOAA Research. From day-to-day, CARD prepares scientists and senior management for congressional briefings; drafts and edits to congressional testimony; prepares answers to congressional inquiries about OAR activities; and tracks and analyzes legislation and congressional action from scientific and policy perspectives. CARD ensures accurate and authentic representation of NOAA's research, programs, policies, and interests in congressional materials for Congress. CARD works closely with the Budget Formulation and Policy teams to communicate budget and policy information to Congress and constituents. CARD facilitates scientist participation in reviews for the Government Accountability Office (GAO) and ensures proper review of GAO documents and responses to GAO recommendations.

Expertise Desired:

Strong writing and editing skills to revise scientific information into clear, non-technical text
Strong communication skills and interpersonal skills, including confidence when interacting with senior leaders and scientists

Ability to work in a team and practice give-and-take as needed with workloads and assignments

A desire to learn about and work at the intersection of science, policy, and budget

A desire to learn and understand the legislative process, especially reading and editing legislative text

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An interest in issues that cut across the fields of ocean, coastal, and Great Lakes ecosystems research, climate research, and weather and air chemistry research - the individual will frequently work on a number of issues simultaneously

Offices Goals and Duties:

CARD's main goal is to communicate effectively and authentically with Congress in order to garner trust and confidence in NOAA's research activities. NOAA's mission is science, service, and stewardship. CARD works everyday to bring science into policy, provide valuable science information to communities across the US, and bring together research efforts across the federal government to conserve natural resources. While our office may not directly do the research, we are integral for growing support for NOAA Research with Congressional constituents which can lead to greater funding for our scientists and advancing interagency collaboration to address society's most pressing environmental challenges.

Day in the Life:

If you like doing something a little bit different every day, then CARD is the place for you! Daily tasks are dictated, in part, by the incoming requests from Congress, so it is a safe bet that one day the fellow could be working on gathering comments on a piece of climate legislation for the Senate, while the next day they will be consolidating talking points and editing slides for a briefing on hurricane monitoring for a House member. A typical day will likely include a meeting with the CARD team to go over the week's topics, discuss the latest developments on the Hill, brainstorm ideas for complicated requests, and catch up on our weekend plans. The number of meetings per day can vary widely from one or two to more than five depending on Congressional agendas, hot topics, and briefing schedules. The fellow will be expected to prioritize work items based on urgency and importance, but will otherwise be able to schedule their day as they see fit around existing meetings.

Office Culture:

The fellow can expect a highly interactive work environment and a team-oriented work culture. CARD relies heavily on teamwork to juggle all of the incoming requests from Congress. Each CARD member covers their respective portfolio, but also assists with other requests as workloads change. We believe that the fellow is a valuable asset to our team. The fellow will be considered a full member of our team, taking on their own distinct portfolio to manage. CARD encourages fellow growth by creating a safe space to take initiative and discuss processes with the team.

CARD holds weekly team meetings both internally and with our liaison in the downtown legislative office. The fellow will join a highly communicative team with a lively g-chat. When not in the office, there is a strong online presence from each team member. The fellow will report to April Croxton, the CARD Team Lead and mentor, but informal mentoring will occur as the fellow works on tasks with other members of CARD. We are a diverse group not only in race and gender, but also with respect to educational backgrounds spanning across atmospheric sciences, environmental law, fisheries biology, energy policy, and ecology. We value providing honest, clear communication with our constituents in Congress, NOAA scientists, and program leads. Our team has a sense of pride in our work, and we value the teamwork and flexibility that goes into organizing high-quality products and briefings for Congress. Sometimes, juggling deadlines and input from all over NOAA can be stressful, so we value a sense of humor in our interactions with coworkers.

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Office Location: Silver Spring, MD, SSMC III

Current Office Work Situation: Our office is currently approved for up to 4 days/week of telework. CARD and the other branches within our division have agreed to work in the Silver Spring office on Tuesdays. The fellow will be expected to join us in the office on Tuesdays unless otherwise approved by the mentor.

Travel within DC: 0-10

Travel Outside of DC: 0-5

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Position Number: E23-09

Agency: NOAA OAR

Host Office: OAR Policy and Congressional Affairs Branch, Policy Team

Name/Title of Primary Mentor: Katie Robinson/Policy Team Lead & Ocean, Coasts, and Great Lakes Portfolio Advisor

Co-Mentor: Maureen Brooks

Position Title: Ocean, Climate, and Weather Policy Fellow

FN Welcome: Yes

Portfolio Summary:

The OAR Policy and Congressional Affairs Branch (PCAB) is a dynamic, fast-paced office that offers policy recommendations to OAR leadership, conducts policy analysis, and oversees the execution of OAR's Portfolio activities, as well as executes congressional activity planning, coordination, and strategy development for NOAA's Oceanic and Atmospheric Research (OAR).

As a member of the OAR Policy Team, the Knauss fellow will have an opportunity to routinely engage with leadership across OAR and be exposed to a broad cross-cut of OAR's research activities. The Fellow will gain an excellent understanding of policy and decision-making processes within the Executive Branch. The individual will have the opportunity to work at the senior level with OAR experts on a range of issues relating to climate, weather, air quality, and ocean, coastal, and Great Lakes research. We will work with the individual to tailor duties to best fit their/her/his interests and future career goals.

Depending on areas of interest and expertise, potential opportunities could include: spearheading cross portfolio activities (such as quarterly Science Seminars & biannual All Portfolio Calls); executing cross line office initiatives and activities (e.g. Climate, Ecosystems, and Fisheries Initiative; Precipitation Prediction Grand Challenge initiative; Coastal Inundation Initiative; Marine Heatwaves); contribute to policy analysis and recommendations; engage in the execution of OAR Operations & Management reviews; developing an OAR Policy Intranet site.

Transferable Skills to be Gained

*Project Management skills including group and meeting facilitation, tracking actions, and development of funding initiatives

*Hands on experience with NOAA/OAR and higher level government budgeting processes

*Enhanced communication skills with leadership and other senior executives

*Increased ability to confidently approach unfamiliar subjects and situations to successfully meet objectives and provide deliverables

*Broad familiarity with the inner working of OAR's large breadth of research across the Oceans, Climate, and Weather portfolios including capabilities, research focuses, and funding

Expertise Desired:

*Strong organizational, communication, and interpersonal skills

*Curiosity driven and willingness to learn new analytical skills

*Ability to work in a team and practice give-and-take as needed with workloads and assignments

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*A desire to learn about and work at the intersection of science, policy, and budget

*An interest in issues that cut across the fields of ocean, coastal, and Great Lakes ecosystems research, climate research, and weather and air chemistry research - the individual will frequently work on a number of issues simultaneously

Offices Goals and Duties:

The priorities for the OAR Policy Team are to ensure effective coordination, communication, and collaboration both within OAR as well as other Line Offices. We work on all topics across the breadth of NOAA Research and strive to promote the amazing work done at OAR labs and programs. One of the largest priorities for the OAR Policy Team is overseeing the execution of activities associated with OAR's Three Portfolios:

The OAR Climate Portfolio focuses on long-term observations, research to advance understanding, and modeling to improve predictions of our Earth system.

The OAR Weather Portfolio focuses on improving understanding and forecasting capabilities for near-term (minutes to 2 years) high-impact weather events that endanger lives and property.

The OAR Ocean, Coasts, and Great Lakes Portfolio focuses on improving understanding of habitats, processes, and resources in the oceanic, coastal, and Great Lakes environments.

Day in the Life:

We are a team-driven group that works to facilitate the high level view of what NOAA Research is doing as well as relatively detailed information about the specifics of research programs, depending on the day. Daily activities can range from managing longer-term projects to responding to high-priority, quick turn around requests from NOAA and OAR leadership and Congress. Given the collaborative nature of our work, we frequently interact with other offices at headquarters and OAR's labs and programs as well as other NOAA Line Offices. The fellow can expect to have regular interaction with senior executive service members including OAR's lab and program directors and executive leadership team (Assistant Administrator (AA), Deputy Assistant Administrators (DAAs), and Chief Financial Officer (CFO)).

Office Culture:

We are a small, close knit team that interacts frequently through both Google Chat and Meet. Given the nature of our work across the breadth of OAR's research portfolio, our culture is highly collaborative and nimble. As an office, we encourage work life balance and have adopted no/less meeting Fridays and abbreviated meetings.

We also strive to uphold the values in the OAR Strategy:

*Commit to Diversity: OAR is enriched by diverse perspectives, celebrating each other's unique experience and expertise.

*Explore to Solve: OAR is dedicated to advancing science, making discoveries, and investing in the end-to-end process to deliver results.

*Uphold Scientific Integrity: OAR is resolute in its commitment to scientific truth and how it is conveyed.

*Engage from Local to Global: OAR is involved locally and internationally to understand the changing environment and inform the public.

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Office Location: Silver Spring, MD

Current Office Work Situation: Our team teleworks up to four days a week with everyone in the office on Tuesdays

Travel within DC: 0-10

Travel Outside of DC: 0-5

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Position Number: E23-10

Agency: BSEE

Host Office: Office of Policy and Analysis

Name/Title of Primary Mentor: Dr. Guillermo Auad/Senior Research Coordinator / Scientific Integrity Officer

Co-Mentor: Julia Leo

Position Title: Science and Policy Fellow

FN Welcome: No

Portfolio Summary:

BSEE is an ocean agency, is the primary U.S. regulator of energy activity on the U.S. Outer Continental Shelf, and adheres to the scientific integrity policy of the U.S. Department of the Interior, the first policy of its kind in the U.S. government. This adherence is needed to ensure the trustworthiness of BSEE's science-informed decisions on offshore energy, including conventional and renewable, which enable a vigorous energy supply to the nation. The selected Fellow will work on scientific integrity matters by first becoming familiar with the Department of the Interior's (DOI) scientific integrity policy as well as those implemented by other DOI bureaus. The Fellow will collaboratively engage with scientists, engineers, managers, and others in BSEE to continue educating on scientific integrity and ensuring that BSEE advances efforts consistent with current and anticipated policy updates. This will include consideration of current needs, the 2021 Presidential Memorandum on "Restoring Trust in Government Through Scientific Integrity and Evidence-Based Policymaking," the White House's Office of Management and Budget's bulletin on peer-review, the 2002 Information Quality Act, and other relevant documents. The Fellow also will attend high-level interagency meetings, e.g., the National Science and Technology Council's The Subcommittee on Ocean Science and Technology (SOST) and the Interagency Arctic Research Policy Committee's staff group, which focus on ocean science priorities and science policy. The Fellow also will collaboratively assess the need for a bureau-specific scientific integrity policy, develop outreach materials on BSEE's scientific integrity program and conduct information sessions with staff in BSEE's headquarters and regional offices, as well as work with other Department of the Interior offices and bureaus. If a need for a bureau-specific scientific integrity policy is identified the fellow is expected to provide recommendations for moving forward as well as to develop draft language in that regard. Additional activities may include supporting policy development for key bureau programs, as well as assessing bureau progress in implementing its strategic plan.

Expertise Desired:

- Master's level or higher in environmental science or policy
- Strong communication (verbal and written) analytical, and organizational skills; proven ability to lead and work well with others; innovative self-starter with an ability to keep a project on schedule.
- Broad awareness about scientific integrity concepts.

Offices Goals and Duties:

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BSEE's Office of Policy and Analysis (OPAA) serves as the principal office to provide the senior bureau management with independent review and analysis of programmatic and management issues. Additionally, the office leads, coordinates, and monitors many cross-program initiatives, assuring a consistent, BSEE-wide implementation that directly supports Congressional, Presidential and Departmental directives, laws, mandates, and guidance. OPAA fulfills the Director's responsibilities in several critical areas including strategic and performance planning, policy development and management, enterprise risk management, and program evaluation and internal controls. It is also responsible for ensuring that programmatic plans and policies are consistent with and integrated into the overall bureau mission and responsibilities, as well as with Department and Administration policy and strategic frameworks. In addition, the office administers and coordinates internal reviews, and oversees and assures implementation of recommendations made by oversight groups such as the Government Accountability Office and the Office of Inspector General. Finally, OPAA provides the lead for scientific integrity and peer review, while also representing the bureau in DOI Science Advisor activities.

Day in the Life:

Day-to-day activities range from rapid response to "hot issues" and requests for information to formulating and implementing longer term strategies. Engagements with a range of senior level OPAA and BSEE officials as well as with senior-level interagency officials is the norm. This includes providing staff support to senior leadership and serving as a representative or co-representative on several BSEE and interagency working groups. Broadly, these groups focus on ocean science and technology policy as well as on identifying key emerging priorities for the nation. Gathering perspectives from diverse sources, drafting policy positions, and briefing senior leaders is a fundamental function.

Office Culture:

- Dynamic and synergistic
- Diverse and inclusive
- Evidence-based
- Respectful
- Collaborative and committed

Office Location: Main Interior Building (DC) and/or Sterling, VA

Current Office Work Situation: flexible with 2-3 days/week in-office presence.

Travel within DC: up to 2 days weekly

Travel Outside of DC: up to 5 days monthly

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Position Number: E23-11

Agency: EPA

Host Office: Office of Water, Office of Science and Technology

Name/Title of Primary Mentor: Dana Thomas/Branch Chief

Co-Mentor: Galen Kaufman

Position Title: EPA National Nutrient Criteria Program Fellow

FN Welcome: No

Portfolio Summary:

The National Nutrient Criteria Program's core mission is to help states, tribes, and territories derive scientifically defensible regulatory pollution limits, known as numeric nutrient criteria, to protect the nation's waters from the effects of nutrient pollution (primarily an excess of nitrogen and phosphorus). To help develop these criteria, our program relies on a diverse knowledge of science, risk management, and environmental law and policy, as well as collaboration with a wide variety of scientists and experts both inside and outside of government. Our program also recently added to its portfolio a substantial focus on harmful algal blooms, in collaboration with other EPA programs, NOAA, and other federal partners.

This fellowship position provides a great opportunity to connect your scientific knowledge to the regulations and policies that authorize and promote environmental protection under the Clean Water Act:

- Providing regulatory oversight of the review of state water quality standards packages
- Collaborating with state and tribal regulatory programs to develop water quality regulations
- Collaborating with EPA's regulatory programs at headquarters and regional offices
- Collaborating with EPA's science and research programs

Expertise Desired:

We seek a fellow who likes to laugh while working in a complex and challenging regulatory environment. This position is well-suited for someone who has good time management skills, a good sense of humor, and takes initiative. Strong oral and written communication skills will also be helpful. The ideal fellow will have a strong scientific background, with a working knowledge of freshwater or estuarine ecology, statistics, or modeling. The fellow's existing skills will serve as the base to help create scientifically supported policies.

Offices Goals and Duties:

We will work to tailor your experience to your skillset and target areas where you're looking to grow. You'll have opportunities to contribute to projects as a team member, as well as lead projects of your own. Along the way, you'll be participating in and contributing to high priority Agency actions, producing tangible outcomes that advance the protection of human health and the environment, and furthering your professional goals. Throughout your fellowship year, you'll be actively and routinely engaged in:

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- Evaluating, composing, and communicating scientific information to co-workers, EPA managers, state and tribal regulators, other federal agency staff, stakeholders, and the general public
- Building and maintaining strategic partnerships with state and federal agency programs
- Creating and applying innovative solutions to threats to water quality that interact with the effects of nutrient pollution, such as climate change, coastal acidification, and harmful algal blooms
- Developing a professional network of peers within and outside of EPA. This position includes an additional \$5,000 to support Knauss fellow professional development and travel.

Day in the Life:

Our work does not reflect the typical day in graduate school. Rather, your background and experience will serve as the foundation of the work you'll do. And while you won't necessarily be practicing hard science (e.g., coding, stats, modeling, etc.), we offer a wide range of opportunities if you choose to do so in areas that fit with your interests.

Daily work will often include attending regular meetings with headquarters and regional staff on active issues, attending briefings of senior staff and managers, and collaborative work with colleagues on active projects.

You will also be encouraged to enroll in professional training opportunities provided by EPA (e.g., EPA's Clean Water Act course, Watershed Academy, and Water Quality Standards Academy), to pursue outside professional development opportunities, and to attend relevant professional scientific meetings (e.g., ASLO, CERF, SFS).

Office Culture:

Our office is composed of talented and high-performing scientists, engineers, and analysts who conduct their work in accordance with the highest scientific standards. Most, if not all, staff members are actively involved in scientific professional societies and participate across a wide range of scientific venues and meetings. The office's senior leadership team promotes a diverse and inclusive workplace that encourages collaboration, creativity, teamwork, respect for and dedication to one another, and high ethical standards in carrying out its Clean Water Act mission.

Office Location: 1200 Pennsylvania Ave NW, Washington DC 20460

Current Office Work Situation: U.S. EPA currently offers its employees, interns, and fellows a variety of workplace options. Most staff currently use a mix of telework and in-office work while following federal public health and safety guidelines.

Travel within DC: 0-3

Travel Outside of DC: 0-3

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Position Number: E23-12

Agency: NOAA NMFS

Host Office: Office of Sustainable Fisheries, Domestic Fisheries Division

Name/Title of Primary Mentor: Debra Lambert/Fishery Policy Analyst

Co-Mentor: Stephanie Hunt

Position Title: Fishery Management Specialist

FN Welcome: No

Portfolio Summary:

The Domestic Fisheries Division supports implementation of the Magnuson-Stevens Fishery Conservation and Management Act and provides national policy direction to ensure the sustainable management of U.S. fisheries. We work on national policies, guidance, and regulations to:

- *Prevent overfishing and rebuild depleted stocks.
- *Implement annual catch limits and accountability measures.
- *Determine and track the status of fish stocks.
- *Reduce bycatch.
- *Support catch share programs.
- *Provide fishery disaster assistance.
- *Support recreational fishing.
- *Coordinate ecosystem-based fisheries management implementation.
- *Advance equity and environmental justice in fisheries management.
- *Support climate resilient fisheries.

Our division has a long history of hosting Knauss Fellows, many of whom have stayed with our division as contractors or full-time government employees. A Knauss Fellow will be a full member of the Division and would work on projects of interest in which the fellow could either be the lead staff person or be part of a team. Moreover, we expect a number of Knauss Fellows to be located at NOAA's Silver Spring Metro Campus, so working with us would put you in close regular contact with numerous other fellows. In the upcoming year, the Domestic Fisheries Division will work on numerous projects. Based on the Fellow's interest and expertise, some of the projects that a Fellow may work on are listed below.

**Catch shares is a general term associated with fishery management strategies that dedicate a secure share of fish to individual fishermen, cooperatives, or fishing communities for their exclusive use. Some of the benefits of catch shares management are less well-studied and documented than others, including whether quota share holders are incentivized to be environmental stewards, the benefits and disadvantages of trading quota between fishing sectors, and others. The Knauss Fellow could take the lead on a project to answer these questions and develop policy recommendations for implementing new catch share fisheries or improving management of existing programs. The Fellow could additionally support the NOAA Fisheries Catch Shares Working Group, which is made up of representatives from each of the NOAA Fisheries Regional Offices and Science Centers.

**Our office is involved in several efforts to build Congressional support for sustainable fishery management. The Knauss Fellow could assist with responding to Congressional inquiries, tracking

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legislation to revise the Magnuson-Stevens Act, and analyzing potential impacts to fisheries management.

****Climate change is significantly impacting the nation's valuable marine ecosystems and fisheries. Our Division has several climate related fisheries management projects that a Fellow could work on. For example, the Knauss Fellow could work on a team project to document and describe management challenges and implications of adjusting biological reference points of fish stocks to account for changes in productivity (e.g., natural mortality, recruitment).**

****Ending overfishing and rebuilding stocks is a key priority of NOAA Fisheries and our Division has the primary responsibility for setting national policy and tracking and reporting on fishery stock status. The Knauss Fellow will have an opportunity to contribute to these priority issues by preparing stock status decision memos for agency leadership and working on policy and outreach related to ending overfishing and rebuilding fish stocks.**

Expertise Desired:

The Fellow should have strong writing and communication skills and be able to work as both a team member and individually to accomplish office priorities. An ideal candidate would have knowledge in marine or environmental policy, economics, fisheries, natural resource management or a related field.

Offices Goals and Duties:

NOAA Fisheries is the agency responsible for the stewardship of marine resources, including marine fisheries. The Magnuson-Stevens Fishery Conservation and Management Act (MSA) is the primary law that governs fisheries management in U.S. federal waters. The Domestic Fisheries Division supports implementation of the MSA and provides national policy direction to ensure the sustainable management of U.S. fisheries. We collaborate with other NOAA Fisheries Offices, Science Centers, the Regional Fishery Management Councils, Interstate Fisheries Commissions, and states on national policies and regulations to:

- *Prevent overfishing and rebuild depleted stocks.
- *Implement annual catch limits and accountability measures.
- *Determine and track the status of fish stocks.
- *Reduce bycatch.
- *Support catch share programs.
- *Provide fishery disaster assistance.
- *Support recreational fishing.
- *Coordinate ecosystem-based fisheries management implementation.
- *Advance equity and environmental justice in fisheries management.
- *Support climate resilient fisheries.

Day in the Life:

A day in the office can vary widely, ranging from days with multiple tasks with quick turnarounds to opportunities to work on long-term projects. The Knauss Fellow would have opportunities to work at both a high level (e.g., briefing senior leadership) and at the ground level (e.g., conducting background research). The Knauss Fellow can expect to either lead or work jointly on the development of briefing

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memos, white papers, outreach materials, rulemaking documents, and other types of policy documents. The Domestic Fisheries Division works closely with several other offices in NOAA Fisheries, and the Knauss Fellow would be invited to participate in meetings with other offices.

Office Culture:

The Domestic Fisheries Division has an office culture that supports its employees and Knauss Fellows, and encourages work-life balance. Staff are friendly, knowledgeable, and hardworking. We all are passionate about our mission to ensure sustainable fisheries management.

Office Location: 1315 East West Highway, SSMC3, 13th floor, Silver Spring, MD 20910

Current Office Work Situation: The Domestic Fisheries Division has 17 staff members and contractors. Our office has a flexible telework policy. Employees work both in the office (in Silver Spring, MD) and telework. A few staff work outside the Washington, D.C. area. Fellows are encouraged to talk with their mentors to seek the flexibility they need as they safely navigate the hybrid work environment.

Travel within DC: occasionally

Travel Outside of DC: occasionally

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Position Number: E23-13

Agency: MMC

Host Office: N/A

Name/Title of Primary Mentor: Peter Thomas/Executive Director

Co-Mentor: Brady O'Donnell

Position Title: Science, Policy, and Communications Fellow

FN Welcome: Yes

Portfolio Summary:

We seek a Sea Grant Fellow who is willing to be part of our dynamic team and assume a level of responsibility equivalent to an employee. As a Fellow at the Marine Mammal Commission (Commission), you will gain exposure to a broad range of issues and be given the flexibility to become involved in projects of interest to you. You will have the opportunity to learn about and attend meetings regarding marine mammals and the challenges they face from fisheries, climate change, offshore energy development, vessel strike and disturbance, disease, pollutants, and more. You will also gain leadership, policy, legislative and communication skills. You will create or contribute to valuable written reports, including reports to Congress and the White House that are used to guide conservation efforts. You will directly interact with our senior leadership, our presidentially-appointed Commissioners, our Committee of Scientific Advisors, staff from other federal agencies, Congressional staff, and representatives of nongovernmental organizations on a variety of critical marine conservation issues. We are committed to you leaving the fellowship with a large network of contacts in the marine conservation community and a greater understanding of and appreciation for marine conservation issues on a global scale. Since we are a small agency, you will also have the opportunity to gain exposure to the federal budget process, strategic planning, and agency response to executive orders. We are able to pay for some of your travel if pertinent to your responsibilities—and as pandemic travel restrictions are lifted.

A general list of potential Fellow project ideas is provided below. Final projects and responsibilities will be determined based on your experience and interests.

Support Commission's Strategic Objectives:

- Assist with analyzing agency actions under the Marine Mammal Protection Act and Endangered Species Act, developing Commission recommendations and drafting comment letters.
- Review Stock Assessment Reports (SARs) generated by NOAA and FWS.
- Help organize and participate in webinars, workshops, and/or the 2023 Commission Annual Meeting. This includes managing logistics of various speakers/panels, preparing summary notes of discussions and following up on action items.
- Serve as an author of the Commission's quarterly electronic newsletter and assist with developing content for the Commission's website and twitter account.

Support Commission's Legislative Affairs Agenda:

- Schedule and attend Congressional briefings and help prepare Commission leadership and staff for interactions with Congress. Develop briefing summaries and keep track of Congressional requests.
- Organize an annual "Commission 101" with 2023 Knauss Legislative Fellows on Capitol Hill.

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- Support preparations for the Commission's participation in Capitol Hill Oceans Week (CHOW): provide general support for our participation in seminars, establish CHOW schedule, coordinate preparation of background documents, and prepare summaries of events.
- Support the agency's presidential nominees for Commissioner through the Senate confirmations process.

Support Commission's Scientific Program Directives:

- Help review funding proposals for the Commission's research grants program.
- Aid the Scientific Program Director on various working groups (both national and international) related to broad ocean science and policy.
- Assist with the analyses of the annual Survey of Federally Funded Marine Mammal Research, used to inform Congress and to identify gaps and overlap in research that could be met or enhanced by interagency coordination.

Opportunity for leading a specialized project:

- Subject ideas include: addressing marine mammal bycatch in small-scale coastal gillnet fisheries; policy options to address cumulative impacts of sound on marine mammal populations; long-term policy strategies for conservation of domestic and/or foreign species (e.g., the vaquita, Cook Inlet belugas, North Atlantic right whales, freshwater cetaceans); or communication/education-outreach strategies for managing public perception of recovering protected species (e.g., east coast gray seals and white sharks or west coast pinnipeds and salmon).
- Select a marine mammal topic of particular interest to you that is relevant to the Marine Mammal Commission and prepare a report or an article suitable for submission to a scientific journal. Guidance and oversight by Commission staff will be provided based on the topic selected. Your topic could be related to science, policy, or law – or some combination.

Expertise Desired:

Mandatory Skills: Strong oral and written communication skills, including editing skills. Strong organizational skills and ability to take initiative and lead projects. You must work well both independently and in a team environment.

Desired Background Skills: Familiarity with science, policy and/or management issues related to marine mammals and/or their environment is a plus, but not required.

Offices Goals and Duties:

The Marine Mammal Commission is an independent government agency charged by the Marine Mammal Protection Act to further the conservation of marine mammals and their environment. We work to ensure that marine mammal populations are restored and maintained as functioning elements of healthy marine ecosystems in the world's oceans. We meet our mission by providing independent, science-based oversight of domestic and international policies and actions of federal agencies addressing human impacts on marine mammals and their ecosystems. Our role is unique—we are the only government entity in the United States that provides comprehensive oversight of all science, policy, and management actions impacting marine mammals.

Because of our independent nature, we are on the cutting edge of marine science and conservation. We are in a unique position to effect the evolution of policy decisions and help develop consensus among competing interests on the most controversial issues surrounding marine mammal conservation. We

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respond quickly to emerging issues, without the bureaucracy and procedural roadblocks that sometimes impede larger agencies. At the same time, being a small agency with a big mission means our staff must be flexible and informed on all aspects of the Commission's business. Learn more at our website at www.mmc.gov!

Day in the Life:

The independent, interagency nature of the Commission can make the fellow's experience varied, applied, and relevant to their interests. Depending on a future fellow's interests, our office can provide high-level "30,000 foot", ground-level, or, realistically, a combination of perspectives on marine mammal and marine ecosystem issues. In a single week, a fellow might engage with interagency leadership at a meeting, (ex. Interagency Arctic Research Policy Committee), head to the Hill for briefings with congressional staff, and discuss the impacts of climate change on marine mammals in the context of adapting management approaches.

Office Culture:

We are a small agency made up of substantive experts on marine mammal science, policy, communications, congressional affairs, and law and a strong administrative team. While each has their area of expertise, we work closely together on a collaborative basis and meet frequently in various subsets to develop positions, recommendations, and strategies to meet our agency objectives. Our collaborative culture is reflected in our communications, outreach, and meetings with other agencies and groups which are handled according to drawing on needed expertise and achieving effectiveness rather than maintaining a hierarchical approach. In addition to our workplace priorities of collaboration, maximizing our effectiveness, and our collective passion for conserving marine mammals and their ecosystems, social connection is also valued by our team and is something we actively strive to maintain, especially while we are all working remotely.

Office Location: Bethesda, Maryland

Current Office Work Situation: While the Commission will continue to maintain a precautionary stance, it is our hope that during the 2023 Fellowship year, conditions will evolve to continue our partial return of staff to the office, and, if so, that the prospective Fellow would be able to participate in this return. The Commission has a preference that the Knauss fellow relocates to the Washington, D.C. region sometime during their fellowship. As of September 2022, the Marine Mammal Commission is in a hybrid telework status with the majority of staff working in office two days a week. Currently, access to onsite premises is on a voluntary basis and only available with prior approval. Staff access to the office premises is generally limited according to pre-arranged schedules and completion of a pre-screening questionnaire on the day of entry. Once in the office, specific protocols, drawn from CDC and other guidance, are in place regarding face covering, social distancing, and other measures, to ensure employee safety. The Marine Mammal Commission will continue to follow State of Maryland, Montgomery County, and all Federal requirements and guidance with respect to any further changes. It should be noted that a fellow at the Commission will get their own office with a door.

Travel within DC: 3-5

Travel Outside of DC: 1-3

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Position Number: E23-14

Agency: NOAA

Host Office: Office of International Affairs

Name/Title of Primary Mentor: Elizabeth McLanahan/Director, Office of International Affairs

Co-Mentor: Dann Karlson

Position Title: International Affairs Fellow

FN Welcome: No

Portfolio Summary:

NOAA's mission extends beyond the political boundaries of the United States to oceans, ecosystems, and the atmosphere throughout the world. Because of this, it is important for NOAA to engage internationally in order to support and promote national policies and interests in climate change, ecosystem-based management, marine protected areas, weather forecasting, and more, while also seeking to maximize the mutual benefits of engaging with its global partners. The Office of International Affairs (OIA) provides leadership for NOAA's international activities and as a Fellow in OIA, you will be at the forefront of this international exchange. This includes:

- Participating in U.S. Government interagency foreign policy discussions and international negotiations;
- Meeting with representatives of foreign governments and multilateral organizations; and
- Contributing to the development of NOAA's international policy positions and facilitating coordination and cooperation with other Federal agencies.

OIA is involved in numerous bilateral (e.g. Canada, South Korea, India, the European Union) and multilateral activities (e.g. United Nations and its subsidiary bodies, the Convention on Biological Diversity, the Arctic region, the Indo-Pacific). The Fellow can expect to participate in a number of these topics, including taking a lead role on:

- Bilateral engagement with Cuba. Each year the Fellow leads NOAA's efforts to obtain approval of cooperation activities as well as overflight clearance for our Hurricane Hunters to operate in Cuban airspace;
- Developing U.S. positions for decisions taken in the International Union for Conservation of Nature (IUCN) and the Convention on Biological Diversity (CBD);
- NOAA engagement in the Arctic Council's Protection of the Arctic Marine Environment Working Group and facilitation and implementation of related international Arctic projects;
- Managing input to the multilateral cooperation agreement on the Conservation of the Sargasso Sea area;
- Supporting NOAA Leadership, such as the NOAA Administrator, in preparation for meetings with foreign counterparts;
- And more!

In addition, the Director of International Affairs is regularly called upon to address international policy issues and the Fellow will assist in meeting these requests by contributing insight to policy recommendations, compiling information on NOAA's work, and providing written and oral briefings. Due to the variety of topics handled in OIA, and the inherent flexibility of the office, the Fellow will likely be

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able to pursue issues of personal interest, work with multiple line offices, and develop new skills in a diverse and exciting field.

Expertise Desired:

Strong written, verbal, and interpersonal communication skills. Ability to work well under deadlines and in a fast paced environment. Enjoys working in a strong team dynamic with an energetic and supportive group of colleagues...and with a good sense of humor!

Offices Goals and Duties:

NOAA plays a key leadership role in international ocean, climate, fisheries, space, and weather policies. This includes negotiating international agreements, development of bilateral arrangements with other countries, and performing science diplomacy on behalf of the United States. The Office of International Affairs (OIA) serves as advisors and experts by representing NOAA's interests in related interagency and international engagements. OIA also advises the NOAA Administrator and Senior Leadership on international policy issues, prepares their briefing materials for international meetings, and staffs them on the ground. The office helps establish policies, guidelines, and procedures for NOAA's international programs and facilitates cooperation across Line Offices on international matters.

Day in the Life:

OIA mainly operates at a high-level coordination role across NOAA and with other Federal agency partners (e.g. State Department, Environmental Protection Agency, U.S. Agency for International Development) as well as by engaging with agency leadership. Witness firsthand the Administration's priorities and how those decisions are made. However, the International Affairs Fellow has the opportunity to dig into topics -- recent examples include working on an international team that developed a Regional Action Plan for Marine Litter in the Arctic; supporting NOAA's participation in a high-level Summit between the United States and Pacific Island Countries; coordinating NOAA's positions on several Resolutions for the IUCN World Conservation Congress; and drafting an Arctic Marine Protected Area Fact Sheet and presenting it at an Arctic Council meeting. On any given day the Fellow can expect to successfully complete the following tasks:

- Coordinate and participate in the review and development of NOAA's international policies;
- Represent NOAA in interagency and international meetings;
- Work with scientists and policy experts across NOAA Line Offices to develop NOAA positions on international initiatives and activities;
- Prepare correspondence for the Director and Deputy Director of International Affairs and other NOAA leadership;
- Draft policy/topical briefings and NOAA negotiating positions for international multilateral meetings.

Office Culture:

OIA is a dynamic office that sits at the intersection of science and foreign policy, enabling the fellow to draw from their own expertise or that of the agency to inform U.S. positions and policy-making. OIA embodies the team concept and works collaboratively within the office and NOAA, as well as across the government. The International Affairs Fellow is an essential member of the team, working alongside the professional staff and OIA leadership. Everyone in the office loves having an OIA Fellow and helping

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them learn the ropes and have a successful year. The office environment is energetic, friendly, supportive, and hard-working; where people enjoy socializing with each other at the end of the day.

Office Location: Herbert C. Hoover Building, Washington, D.C.

Current Office Work Situation: OIA follows DOC & NOAA telework policies that currently permit 3 days/week in-person and 2 days/week teleworking.

Travel within DC: Several days per month, if not weekly to attend meetings at other agencies or at NOAA in Silver Spring.

Travel Outside of DC: 0-7 days including internationally.

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Position Number: E23-15

Agency: MARAD

Host Office: Office of Environment and Innovation

Name/Title of Primary Mentor: Daniel Yuska/Director, Office of Innovation and Environment

Co-Mentor: Alyson Azzara

Position Title: Office of Environment and Innovation Fellow

FN Welcome: No

Portfolio Summary:

The US Maritime Administration (MARAD) supports the US Merchant Marine and the marine transportation system. Within MARAD are several program offices that focus on a range of topics from environmental Research Demonstration & Technology (RD&T), environmental policy, ports and waterways, naval architecture and engineering, mariner services, and transportation policy.

MARAD is seeking a Knauss fellow to support the Office of Environment and Innovation. The Office of Environment and Innovation is a program office that manages the Maritime Environmental and Technical Assistance (META) program as well as maritime environmental policy.

Maritime Environmental and Technical Assistance - META is a multidisciplinary program designed to foster innovation, research, demonstration, and development of technologies and processes that improve maritime industry performance and competitiveness. META partners with Federal, state, and local agencies, the maritime industry and academia, on projects that serve to demonstrate, validate and assess costs and benefits of maritime technology innovation. Since its inception, META has focused on environmental challenges such as vessel and port maritime emissions reductions and control of aquatic invasive species. More recently, the META portfolio has also included maritime decarbonization and vessel generated underwater noise.

Domestic and International Maritime Environmental Policy – The Office of Environment and Innovation supports several domestic and international policy efforts including but not limited to vessel and port emissions reductions, maritime decarbonization, control of aquatic nuisance species, and vessel-generated underwater noise. Organizations supported include the International Maritime Organization (IMO), International Organization of Standardization (ISO), UNFCCC COP, Mission Innovation, and the Ocean Policy Committee.

Duties of Knauss Fellow: The Knauss Fellow will support Office of Environment Director and staff on both the META program and policy efforts. Support will include:

- Assisting staff with existing META project management including interacting with project principal investigators, project report reviews, and working with staff with developing new projects
- Assisting staff on a multitude of environmental policy issues that support USG initiatives on various issues related to ocean policy, maritime decarbonization, control of aquatic invasive species, and vessel-generated underwater noise.
- Liaise with other USG agencies and departments, as needed, to coordinate on positions and projects. Such agencies regularly include Department of Energy (DOE), Environmental Protection Agency

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(EPA), National Oceanic and Atmospheric Administration (NOAA), U.S. Coast Guard (USCG), the National Security Council (NSC), and State Department as well as within DOT among MARAD offices, modal offices, and the Office of the Secretary.

Expertise Desired:

MARAD is seeking a motivated individual with a general interest in and willingness to learn and engage on technical and policy issues within the maritime transportation sector. Specific training or experience in environmental or ecological science, domestic or international environmental policy, or engineering would be ideal to support the mission of the Office but is not required. The individual should have the ability to do research and write papers/background briefs both independently and within a team. The individual should have a working knowledge of Microsoft Office applications including WORD, Excel, Power Point, and Outlook. Experience in video conferencing is encouraged. Finally good communication and people skills are necessary, including the ability to work collaboratively.

Offices Goals and Duties:

The Mission of the Maritime Administration (MARAD) is to foster, promote and develop the maritime industry of the United States to meet the nation's economic and security needs. MARAD supports the US Merchant Marine and the marine transportation system. The Office of Environment and Innovation works with other government agencies, industry stakeholders, academia, NGOs, and the private sector to support the technical and policy needs of the Administration. Within MARAD are several program offices that focus on a range of topics from environmental Research Demonstration & Technology (RD&T), environmental policy, ports and waterways, naval architecture and engineering, mariner services, and transportation policy. The Office of Environment and Innovation is a program office that manages the Maritime Environmental and Technical Assistance (META) program as well as maritime environmental policy.

Day in the Life:

The fellow will be supporting specific projects under the META program. This will include document review, project management phone calls, drafting and reviewing requests for proposals, and may include review of incoming proposals. This project support role will help the fellow develop a level of subject matter expertise on a variety of maritime environmental topics such as vessel and port emissions reductions, mitigation of aquatic invasive species, vessel-generated underwater, and other topics to be determined. Project assignments will vary based on office needs and the interests of the fellow. In addition to ongoing projects, fellows will participate in interagency policy meetings with other MARAD and DOT offices, USG agencies, NGOs, and industry stakeholders.

The office is small but is engaged in a wide range of topics and is expected to advise on maritime environmental issues. The fellow will be asked to support with note taking, follow-up actions, preparations for subsequent calls, such as background documents or talking points, as well as to assist with drafting of any policy or technical reports. These meetings generally support rolling policy initiatives or meetings such as IMO working group preparations, UNFCCC COP materials review, or new strategies or policies on environmental initiatives. Other team members and mentors will ensure the

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fellow is briefed and ready to participate as appropriate in meetings, calls, and drafting of materials to support office engagement.

Office Culture:

The Mission of the Maritime Administration is to foster, promote and develop the maritime industry of the United States to meet the nation's economic and security needs. The Office of Environment and Innovation works with other government agencies, industry stakeholders, academia, NGOs, and the private sector to support the technical and policy needs of the Administration. The office is a tight-knit group of subject matter experts ranging from scientists to policy experts and engineers that work together to manage operations in support of maritime environmental policy and RD&T.

The work is often fast paced to respond to requests from the Administrator or Secretary and requires collaboration and communication within the program office as well as other MARAD and interagency offices. This requires building a knowledge base of other subject matter experts and maintaining working relationships that can be called on when needed. These relationships are also crucial for managing the office's long-term projects and engagements on various US delegation and within working groups. Fellows will be mentored and will be expected to communicate with various entities on maritime environmental issues in support of the Maritime Administration and USG goals. At the end of the assignment, the Fellow will gain both a technical and policy background on environmental and technical issues in the maritime space, and to understand the roles and responsibilities of other departments, agencies, and domestic and international forums.

Office Location: DOT HQ and telework (if applicable)

Current Office Work Situation: Currently, telework is permitted up to 8 days in a two-week pay period but that may change per DOT/MARAD policies. More frequent, in-person attendance may be needed on specific occasions. Fellow telework/in-person schedules will be determined depending on preference and portfolio requirements. Because of evolving flexible work schedules and office space considerations, it may become necessary to share office space on a rotating basis.

Travel within DC: as needed

Travel Outside of DC: not expected at this time/as needed

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Position Number: E23-16

Agency: NOAA NMFS

Host Office: Highly Migratory Species Management Division, Office of Sustainable Fisheries

Name/Title of Primary Mentor: Karyl Brewster-Geisz/Branch Chief of Regulations

Co-Mentor: Larry Redd

Position Title: Fishery Management Specialist

FN Welcome: No

Portfolio Summary:

The Highly Migratory Species (HMS) Management Division is responsible for the domestic management of Atlantic tunas, swordfish, billfish, and shark fisheries, including implementation of international agreements. HMS fisheries issues are often controversial, high profile, and representative of the challenges facing NOAA Fisheries agency-wide. These issues range from data collection programs and scientific analyses to fishing regulations to international trade. Given the wide range of HMS fisheries management issues, a fellow would be able to select from any number of projects of interest.

A fellow would be a full member of the Division and would work on projects of interest in which the fellow could either be the lead staff person or be part of a team. Opportunities to visit regional offices, attend and/or lead public meetings, participate on research cruises, and work on their thesis/dissertation will also be available.

In the upcoming year, the HMS Management Division will be working on numerous actions. Some of these include:

- Rulemaking for various HMS and HMS issues as a result of the 2022 annual meeting of the International Commission for the Conservation of Atlantic Tunas;
- Various rules and a fishery management plan amendment to assist in shark management;
- A rulemaking based on ecosystem modeling designed to improve information about closed areas for all HMS;
- Finalizing a rulemaking resulting from biological opinion(s) issued under the Endangered Species Act on various HMS fisheries;
- A rulemaking designed to facilitate the use of electronic technology for reporting fish in all HMS fisheries and at all levels (fishermen, dealers, and scientists);
- Work on updating descriptions of essential fish habitat for HMS;
- Work on a Climate Vulnerability Assessment; and
- Creation of outreach tools and materials to better enable constituents to understand HMS fisheries and management.

Expertise Desired:

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We are generally looking for a willingness to jump into the unknown feet first. More specifically, we're looking for someone who:

- Is comfortable working in a team setting.
- Has strong in written and oral communication skills.
- Has the ability to synthesize complex information into plain language.
- Has Some familiarity with analyzing ecological and/or socioeconomic data (e.g., SAS, ArcGIS, Excel, R).

Offices Goals and Duties:

NOAA Fisheries is the agency responsible for the stewardship of marine resources, including marine fisheries. The primary statute providing NOAA Fisheries the authority for the management of marine fisheries is the Magnuson-Stevens Fishery Conservation and Management Act (Magnuson-Stevens Act). The Highly Migratory Species (HMS) Management Division manages the Atlantic shark, swordfish, tunas, and billfish fisheries consistent with the Magnuson-Stevens Act. The Division also manages these fisheries under the Atlantic Tunas Convention Act, which is a statute specific to the international management issues concerning these fisheries. All projects and actions the Division does will be related to these statutes.

Day in the Life:

This position has both high-level and ground-level interactions depending on the interest of the fellow and the various projects that arise throughout the year. The fellow will have several projects to work on at the same time. The fellow may lead some projects and will be part of a team on others. Our Division culture ensures that all staff are available to help with guidance, as needed. Depending on the specific project and the stage of that project, and depending on the skills of the fellow, the fellow could be drafting technical or legal information such as an environmental impact statement or regulatory text, conducting environmental or economic analyses of data, meeting with other team members or Agency partners to move the project forward, working on outreach or an implementation plan, reviewing public comment, presenting at a public hearing, or recommending a way forward to leadership.

This Division is fairly unique in the Agency in that we have fishermen, academics, environmentalists, enforcement, and school children reach out directly to us. The fellow will be responding to these requests for information via the phone, email, or during meetings. The fellow will have numerous opportunities to meet fishermen, academics, scientists, and other interested parties virtually or face-to-face.

In the HMS Management Division, a fellow can expect to gain:

- In-depth knowledge of the fishery management process (both domestic and international), objectives, and current issues;
- Experience in identifying and estimating the ecological and socioeconomic impacts of fishery management actions;
- Understanding of how regulations are written and the requirements of the rulemaking process;
- Improved written and oral communication skills;
- Contacts with other NOAA Fisheries offices/regions/centers; and
- Contacts with state, recreational, commercial, and environmental constituents.

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In the HMS Management Division, a fellow can expect to produce documents supporting rulemaking (environmental assessments, environmental impact statements, regulatory impact reviews, regulatory flexibility analyses, Federal Register notices) as well as publication of outreach materials (pamphlets, brochures, webpage and social media content).

Office Culture:

The HMS Management Division is a dynamic work environment. All of us feel deeply about our mission to conserve HMS and HMS fisheries. To do this, we are not afraid to have meetings! For example, we often have team meetings to ensure we're all on the same page and to hash through various ideas. We have weekly Division meetings so we all know what other projects are being completed in case there is overlap between projects or ideas. We will have one-on-one meetings on an ad hoc basis to make sure you, as a fellow, know what's going on and who you can reach out to. For rulemakings, we will have public hearings where you will meet interested members of the public and hear their thoughts. We also meet with our HMS Advisory Panel at least twice a year. The Advisory Panel, which is composed of approximately 50 people representing commercial fishermen, recreational fishermen, environmentalists, academics, states, and fishery management councils, provides us advice on our different management actions. In other words, you will not be alone in making decisions or moving forward.

That said, we also need someone who is independent and can work on their own. You will have your own project to plan and complete. You will also have sections of team projects that you will need to complete. For both your project and your sections, you will be responsible for writing the required documents. While there are definitely projects that need to be completed within certain time frames (e.g., fishery closure notices when quotas are filled or annual specifications announcing the available quota), other projects have more flexibility. You will be empowered to look for those possibilities and choose projects that match what you are looking for from the fellowship.

Think of your time in our Division as you would your time when visiting a new city. When you first visit it, you will need a map, and you may need a tour guide. At first, you will follow the map and will go places the tour guide shows you. By the end of the fellowship, you will be navigating the city on your own, making your own map, and showing your own tours.

Office Location: Silver Spring, MD

Current Office Work Situation: Our office has a flexible telework policy. Employees work both in the office at Silver Spring several days a week and at home via telework. Given many of our staff are located outside the Silver Spring area (we have staff in MA, SC, GA, FL, OR, and WI), all of our meetings are now conducted via video conference calls so whether you are in the office or at home, you will still have the opportunity to "see" all of us. We can work with you on a specific schedule once you are with us.

Travel within DC: 0-2

Travel Outside of DC: 0-2

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Position Number: E23-17

Agency: NSF

Host Office: Division of Ocean Sciences, Office of the Division Director

Name/Title of Primary Mentor: Stacy Aguilera-Peterson/Ocean Policy Specialist

Co-Mentor: Jim McManus

Position Title: Ocean Sciences Policy Fellow

FN Welcome: No

Portfolio Summary:

The Ocean Sciences Policy Fellow will provide ocean policy, governance, and operational support to the NSF Directorate of Geosciences Division of Ocean Sciences, interagency committees within the Executive Office of the President, and community advisory entities. The Fellow will learn from and work collaboratively with NSF's Ocean Policy Specialist in the Ocean Policy Office. The Fellow will join the Ocean Policy Specialist in supporting the Ocean Sciences Division Director and the Assistant Director of the Geosciences Directorate. Through this position, the Fellow will gain experience in the development of policy positions and recommendations, the preparation and analysis of policy-related documents, supporting interagency committees and decision-making bodies (such as the White House National Science and Technology Council's Subcommittee on Ocean Science and Technology, as well as the Cabinet-level Ocean Policy Committee), contributing to ocean science and technology aspects of ocean policy implementation, and providing general support for the NSF Division of Ocean Sciences in managing, coordinating, or responding to ocean policy, governance, or related activities. The Fellow will have the opportunity to engage in shaping the most current Federal ocean policy activities, including activities related to the UN Decade of Ocean Science for Sustainable Development, the National Oceanographic Partnership Program (NOPP), and the U.S. National Sustainable Ocean Plan. NSF's Ocean Policy Specialist, who will be directly supervising this position, looks forward to discussing specific interests and experience of the potential Fellows. Apart from the specific duties mentioned below, the position will have numerous opportunities for the Fellow to explore topics of their own interests and learn from experts in their desired fields.

Specific duties include:

Supports high-level ocean science and technology interagency committees and decision-making bodies, including but not limited to:

- Coordinates committee leadership and membership meetings, including but not limited to record keeping and scheduling;
- Contributes to and assists in efficient and effective progress toward committee strategic direction;
- Tracks and assists with completion of committee actions, including mandates from Administration policy, Congressional statute, and opportunistic activities associated with the UN Decade of the Ocean for Sustainable Development;
- Assists with special projects and preparation of reports, policy documents, memos, and publications;

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- Assists with interagency communication and connectivity, including developing and participating in collaborative projects within the ocean science and technology policy field; and
 - Assists with tracking and implementing national-level ocean policy actions.
- Supports NSF leadership on ocean policy and governance matters, including but not limited to:
- Assists with developing policy options, recommendations, and NSF positions;
 - Assists with NSF representation on interagency entities;
 - Assists with NSF planning, research, and analysis of documents and activities related to ocean policy and governance; and
 - Contributes to ocean science and technology aspects of interagency ocean policy and governance planning and implementation.
 - Supports interagency ocean policy, governance, or related projects;
 - Provides general support for the NSF Division of Ocean Sciences and Geosciences Directorate in managing, coordinating, or responding to ocean policy, governance, or related activities;
 - Provides support across the needs of the research and education enterprise through program, division, directorate, Foundation, or interagency activities;
 - Provides policy and governance input for other programs in NSF, including international and cross-directorate programs as assigned (this includes exposure to international maritime law and environmental agreements);
 - Participates in staff, committee, and other meetings, providing input relevant to program area and/or division;
 - Prepares and disseminate a variety of informational documents;
 - Establishes contacts and maintains active involvement in programs and related areas through participation in professional activities;
 - Maintains familiarity with salient current research and policy developments.

Expertise Desired:

Ideally, the Ocean Sciences Policy Fellow will have at least basic knowledge of ocean or ocean-related science and technology fields and issues; understanding of or interest in ocean or ocean-related science and technology policy and governance, ocean or ocean-related policy analysis, development, and/or implementation; familiarity with the interplay between science and policy and the desire to learn skills to communicate across these areas; exceptional organizational skills, attention to detail, and ability to coordinate and track multiple, simultaneous activities; collaborative work style; and skill in technical writing and writing for general audiences.

Offices Goals and Duties:

The mission of the National Science Foundation is to promote the progress of science; to advance the national health, prosperity, and welfare; to secure the national defense; and for other purposes. NSF offers a front row seat to the Nation's latest scientific discoveries. As a Co-Chair to the Subcommittee on Ocean Science and Technology (SOST), the lead interagency entity for Federal coordination on ocean science and technology, the NSF Geosciences Directorate aims to work with its Federal partners in identifying ocean science and technology priorities, and fosters and facilitates interagency coordination of disciplinary and interdisciplinary ocean research, ocean technology, infrastructure development, and global ocean observation and mapping programs, among other activities. The Fellow would be situated

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in the Division of Ocean Sciences (OCE) within NSF's Geosciences Directorate. OCE supports research, infrastructure, and education to advance understanding of all aspects of the global oceans and ocean basins, including their interactions with people and the integrated Earth system. These activities provide knowledge critical to addressing many of our Nation's most pressing challenges involving Earth processes. OCE supports and promotes collaboration and facilitates development of a diverse scientific and educational community, including international efforts. The Division works with the U.S. ocean sciences academic community to direct funding towards advancing the frontiers of knowledge, developing the next generation of researchers, and enhancing the public's understanding of ocean sciences.

Day in the Life:

The Ocean Sciences Policy Fellow would experience a true 30,000-foot level position at NSF and through the interface with interagency bodies on which NSF is represented. While a typical day is difficult to describe as activities are so varied, the Fellow would work daily with the Ocean Policy Specialist and join in numerous interagency calls and meetings a day, usually with NOAA, White House Office of Science and Technology Policy, U.S. Navy, NASA, State Department, Department of Energy, and Department of Interior, among others. Other interagency discussions often involve USDA, NIST, DOD, USACE, U.S. Coast Guard, White House Office of Management and Budget, White House Council on Environmental Quality, National Park Service, Marine Mammal Commission, Smithsonian Institution, Department of Transportation, among others. Many of these interagency meetings take place at the White House complex but during COVID are hosted virtually. Most days also include interactions with various NSF offices: including the Geosciences Directorate front office, Office of the Director, Office of Legislative and Public Affairs, and OCE specific programs, the most common of which are: Biological Oceanography, Physical Oceanography, Chemical Oceanography, Marine Geology and Geophysics, Ocean Education, Ocean Technology and Interdisciplinary Coordination, and Facilities and Equipment.

The Fellow would work directly with the Ocean Policy Specialist, the Ocean Policy Communications Analyst, and a small group of relevant NSF staff (depending on the project) to support strategic direction. A typical day involves developing policy positions on current topics, providing policy briefs to NSF leadership, and following up on interagency Committee action items. An example day could look like: starting off the day working with Biological Oceanography program managers to gather information regarding current coral reef research and recent discoveries from NSF-funded projects, and distilling that information into a succinct one-pager for the Office of the NSF Director to use in briefing Hill staff. From there, joining in an interagency committee call to identify topic areas which are of interest to the majority of Federal ocean agencies to engage in partnerships with industry and NGO stakeholders. On that call, the Fellow would represent NSF interests and share NSF perspectives. After that call, perhaps writing a brief memo on NSF's role in those topic areas and possible partnerships, and then sending the memo to the Division Director for their consideration. The Fellow would then join the Directorate Assistant Director in a meeting of decision-makers to brainstorm ways to advance ocean observations through emerging technologies. Then, wrapping up the day with a phone call with the White House Ocean Policy Committee staff to hear about the latest developments related to ocean mapping in National Ocean Policy. During non-COVID times, a day in the office may also mean representing NSF at a scientific conference or at an international meeting to discuss scientific agreements or collaborations. This position offers a diverse suite of daily activities and robust professional development opportunities.

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While specific opportunities change year to year, Fellows are given strong support to develop skills of interest and take on leadership roles as appropriate.

Office Culture:

The Office of the Division Director within NSF's Division of Ocean Sciences (OCE) is composed of a small, close-knit team. In addition to the Ocean Science Policy Fellow (the Knauss Fellow) and the Ocean Policy Specialist (direct Knauss mentor), the office includes the Director of OCE and an Ocean Communications and Data Analyst. Teamwork and consistent, constructive communication are central to the office work ethic. While some projects are completed independently, many projects are group efforts with each team member contributing to the final product. Collaboration, creative thinking, and thoughtful feedback are all encouraged. Both the Ocean Policy Specialist and Director of OCE are committed to the Fellow's professional growth and mentorship. Additionally, NSF's Office of Equity and Civil Rights (OECR) works across the Foundation and with the NSF awardee community to promote diversity and inclusion, provide equal opportunity and access and eliminate unlawful discrimination, harassment, and retaliation in employment at NSF and in participation with NSF-funded or conducted programs.

Office Location: Alexandria, VA

Current Office Work Situation: NSF is respectful to employee, contractor, and Fellow's situations during the COVID-19 pandemic. By February next year, most employees will be on a "maxi-flex" schedule where they come into the NSF building 2 times a pay period (about once a week) at a minimum (staff are welcome to come into the building more than that). We are open to discussing your unique situation to determine the best schedule for the Fellow.

Travel within DC: Frequent, 3-10 (non-COVID times)

Travel Outside of DC: Variable, 0-5 (non-COVID times)

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Position Number: E23-18

Agency: NOAA HQ

Host Office: NOAA Budget Office, Budget Formulation and Communications Division

Name/Title of Primary Mentor: Sierra Jones/Chief, Weather, Satellites, and Research Division

Co-Mentor: Janelle Smith

Position Title: Budget Analyst

FN Welcome: Yes

Portfolio Summary:

At NOAA, program activities span the spectrum of scientific endeavors, from the surface of the sun to the depths of the ocean floor, as we work to keep the public informed of the changing environment around them. But none of this can be done without a budget. Funding is critical to carrying out NOAA's diverse mission, and it is through the NOAA Budget Office (NBO) that programs and policies are proposed, funded, and implemented.

You know that saying "put your money where your mouth is"? That's what the NOAA Budget Office - specifically the Budget Formulation and Communications Division (BFCD) - does when it comes to crafting and implementing NOAA programs and policies. BFCD is responsible for developing NOAA's annual budget submission to DOC, OMB, and Congress. BFCD also liaises with Congress (often in partnership with NOAA's Office of Legislative and Intergovernmental Affairs), analyzes and interprets appropriations bills, and oversees the spending of funds to implement both Congressional directives and Administration policies.

BFCD is looking for a Fellow to be part of the budget formulation team. In this position, the Fellow will get to participate in the federal budgeting process from start to finish - from aligning the money planned for NOAA's programs with the needs of the nation, to delivering and defending the budget to Congress, and answering questions for Congressional briefings and hearings. "Budget Formulation" is more than just numbers and spreadsheets; successful budget formulation involves communicating with stakeholders and partners about the objectives and importance of NOAA's programs and products. A key aspect of this position is communication - the ability to describe and advocate for NOAA's programs to a non-scientific audience, and to articulate the necessity of our programs' budget requests. This Fellow will work directly on the development of agency priorities and to help our scientists, managers, and forecasters get the funding they need to carry out their work. The Budget Fellow will work closely with the BFCD team, NOAA leadership, the Office of Legislative and Intergovernmental Affairs, and program offices to interpret Congressional appropriations and ensure the effective communication of NOAA's funding requirements to DOC, OMB, and the Hill.

Budget formulation analysts in the NOAA Budget Office are often asked to perform program, policy, management, and legislative analysis in addition to budget analysis, requiring intellectual curiosity, drive, and perseverance. Because of this, a budget formulation analyst is often considered a jack-of-all trades. Each analyst manages a portfolio of NOAA activities for which they must develop proficient understanding and coordinate closely with stakeholders.

You can expect:

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- Close mentoring with NOAA's financial leadership and budget policy experts;
 - Engagement with NOAA's senior leadership, programmatic and scientific experts, and regional personnel;
 - Strategic and tactical responsibility on the teams that build NOAA's interface with Congress and key stakeholders.
 - To be viewed as a full team member in the office, and as you gain experience throughout the year, you will have an ability to branch off to focus on particular issues important to NOAA, Congress, and your own interests.
- Specific responsibilities will include:
- Applying analytical techniques and critical thinking to review and prepare budget and policy materials and make recommendations to stakeholders.
 - Coordinating the response to questions from key partners and stakeholders such as DOC, OMB, and Congress.
 - Using data and information from a variety of sources to prepare recommendations and briefing materials for leadership.
 - Providing customer service through effective communications with internal and external stakeholders.

Your experience with the NOAA Budget Office will challenge you to perform under pressure while exposing you to political savvy, the inner workings of environmental policy processes, and strategic decision making at the highest levels of NOAA.

Expertise Desired:

Prior financial/budget experience is NOT necessary.

We're looking for a Fellow with an interest in the breadth of the NOAA mission, from weather forecasting and climate science to coastal and fisheries management.

You'll need excellent critical thinking and the ability to tailor a message for various audiences and distill complex scientific language to plain language

Strong oral and written communication skills, including excellent editing skills and attention to detail.

Ability to learn quickly, synthesize complex new information and communicate key issues to stakeholders.

Offices Goals and Duties:

NOAA's Budget Office formulates, produces, and tracks the NOAA Budget each fiscal year. These activities include interactions with external stakeholders such as the Department of Commerce (DOC), the Office of Management and Budget (OMB), and Congress. Within the NOAA Budget Office, the Budget Formulation and Communications Division (BFCD) coordinates the preparation of NOAA's annual budget submissions to DOC, OMB, and Congress, analyzes annual appropriations bills and assesses impacts, and provides outreach and communication to DOC, OMB, Congress, and external constituents. The NOAA Budget Office is located within the Office of the Chief Financial Officer (OCFO), which is responsible for the financial leadership of NOAA, and its primary duty is to uphold strong financial management and accountability while providing timely, accurate, and reliable financial information, and

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enhancing internal control. The areas under the direction of the OCFO are the Budget, Finance, and Performance, Risk, and Social Science Offices.

Day in the Life:

- This position is at the 15,000-30,000 foot level - experience a mix of high level, quick turnaround tasks and longer term projects.
- Prepare presentation materials for the NOAA Administrator, NOAA Budget Director, and other NOAA leadership
- Correspond with budget formulation and legislative analysis teams across the NOAA Line Offices
- Close mentoring from NOAA's financial leadership and budget policy experts.
- Engagement with NOAA's senior leadership, programmatic experts, and regional personnel.
- Leading meetings, creating taskers, developing and providing guidance for Line Offices and programs, and critically evaluating budget policy materials.
- Strategic and tactical responsibility on the teams that build NOAA's interface with Congress and key stakeholders.

Office Culture:

- The BFCD team strives for an inclusive and respectful work environment where all members of the team and diverse perspectives are valued and heard.
- Teamwork and collaboration are core to our mission and operations - within BFCD and with our various stakeholders, including the Line Offices and NOAA Leadership.
- The BFCD team supports each other and the Line Office budget teams, with whom we coordinate closely with.
- BFCD team members are encouraged to work independently on work materials, with assistance from other team members or supervisors as needed.
- BFCD team members have a strong work ethic and good sense of humor.

Office Location: SSMC-4, 1305 East West Hwy Silver Spring MD, 20910

Current Office Work Situation: The OCFO/NOAA Budget Office is currently following a 4-day telework, 1 day (Tuesday) in office schedule during Low transmission periods, and full-time telework during Medium/High COVID-19 environments, consistent with NOAA guidance.

Travel within DC: Infrequent Days/Month, occasional travel to the Hill (when not in a full telework posture due to COVID)

Travel Outside of DC: Infrequent Days/Month (when not in a full telework posture due to COVID)

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Position Number: E23-19

Agency: NOAA OAR

Host Office: NOAA Research International Activities Office

Name/Title of Primary Mentor: Meredith Kurz/Program Analyst

Co-Mentor: Staci Rijal

Position Title: NOAA Research International Activities Fellow

FN Welcome: No

Portfolio Summary:

Located in NOAA's Oceanic and Atmospheric Research (NOAA Research) headquarter office in Silver Spring, Maryland, the International Activities Office (IAO) serves as the focal point and principal staff office to the NOAA Research (OAR) Assistant Administrator (AA) on international policy and science program matters, facilitates international collaboration and partnerships, serves as an interface between the policy and research community, and works with NOAA Research Senior Leadership, laboratories, divisions, programs and NOAA headquarters to identify and act on the international science needs in NOAA Research, NOAA and the U.S. The Knauss Fellow is a full-fledged member of our staff who engages in all of this work, and there is a lot of flexibility in the Fellow's portfolio depending on their topical and geographic interests. Past fellows have been able to work on preparations for and attend the annual Intergovernmental Oceanographic Commission (IOC-UNESCO) meetings in Paris, and we hope to continue this tradition.

Duties of the fellow may include: Leading and supporting programmatic matters involving environmental science and research activities in bilateral and multilateral partnerships as opportunities arise; Representing NOAA Research/NOAA/US program interests at interagency and international meetings; Compiling, editing, and writing weekly articles on international engagement from within NOAA Research for a NOAA wide international newsletter; Facilitate interactions between U.S. Sea Grant Programs and their international partners employing the Sea Grant model, including by supporting the Korea-US Sea Grant collaboration; Providing presentations (generally non-technical) on NOAA Research programs and interests at formal and informal international meetings; Reviewing, analyzing and synthesizing information from a variety of sources into reports, correspondence, strategic and other documents for review by NOAA Research senior management; Preparing briefing materials, position papers, and talking points for senior leadership in support of their participation in international meetings; Providing completed staff work on all substantive and logistical preparations/plans and follow up for international meetings and events that NOAA Research participates in; Networking/liasing with relevant representatives from the national and international science/policy community, international organizations, and embassies here in DC; Sharing/coordinating information throughout NOAA and with the national and international counterparts community to advance NOAA priorities in oceanic, atmospheric and climate research; and developing a discipline area that meets the interests and professional development goals of the fellow.

The fellow's primary mentor will be Meredith Kurz, but the fellow will also work closely with Staci Rijal, Director of the NOAA Research International Activities Office, and with other IA staff members.

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Meredith leads the office's Pacific Basin Team, so the fellow may wish to focus on Pacific Basin activities, but they will be given flexibility depending on their interests.

Expertise Desired:

The Fellow will be required to work in a fast-paced office environment, and must be able to effectively and diplomatically work with a diverse range of professionals and agencies both domestically and overseas. The Fellow should be able to juggle multiple priorities at one time, work well in teamwork-heavy setting, possess strong communication skills (both orally and in writing) and strong time management skills. International experience and the ability to communicate in another language is certainly welcomed, but not at all required.

Offices Goals and Duties:

Located in NOAA's Oceanic and Atmospheric Research (NOAA Research or OAR) headquarter office, the International Activities Office (IAO) serves as the focal point and principal staff office to the NOAA Research Assistant Administrator (AA) on international policy and science program matters, facilitates international collaboration and partnerships, serves as an interface between the policy and research community, and works with NOAA Research Senior Leadership, laboratories, divisions, programs and NOAA headquarters to identify and act on the international science needs in NOAA Research, NOAA and the U.S. The IAO advances NOAA's ocean, atmosphere, and climate research enterprise by: leveraging international collaborations and strategic partnerships; supporting and aligning NOAA research with U.S. foreign policy objectives through active participation in S&T fora; and advancing access to international expertise by serving the needs of NOAA Research labs and programs on specific international research issues and operational requests.

The NOAA Research IAO has three operational objectives:

Advise NOAA and its research leadership on international science policy, strategies, programs, and issues in support of U.S. foreign policy and corporate science priorities;

Lead and promote strategic science and technology partnerships with international organizations that benefit NOAA and OAR's research programs in weather, climate, atmospheric, and marine science (and serve as executor and administrator for several multilateral and bilateral agreements including Australia, France, Indonesia, India, and Japan); and

Support and represent OAR interests and programs by serving its laboratories and programs on international programmatic, administrative, and operational needs.

Day in the Life:

The NOAA Research International Activities (IAO) Office is the best of both worlds! We lean toward the "30,000 foot level" end of the spectrum, but we sit a little closer to the science level of NOAA than many other 30,000 ft level offices. We get the chance to build relationships with scientists at NOAA Research labs and programs as well as with senior leadership as they represent the US and NOAA in international fora. Although NOAA Research is not the only Line Office that does Research and Development (R&D), it is the only Line Office that focuses exclusively on R&D, and it supports all the other Line Offices in their missions. Therefore, NOAA Research works across NOAA's broad mandate, and it is the perfect office to interact and gain exposure across NOAA's ocean, weather, and climate priorities. While the office predominantly works in the international space to foster collaborations on research and science, we also coordinate heavily with other NOAA line offices and interagency groups to help ensure that our work is

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most effective and is representative of the U.S. and NOAA as a whole. On any given day, the fellow may be interacting with NOAA labs around the country, international partners in any one of our ocean basin portfolios, or with various UN/intergovernmental organizations. On other days, the fellow may be spending time gaining an understanding of relevant projects and programs across NOAA and NOAA Research's global presence in the ocean, climate and weather research spaces. Past fellows have been able to travel multiple times throughout the year to support NOAA Research leadership and/or their office colleagues, and participate in international workshops, meetings, or negotiations. We hope to continue offering these opportunities too.

Office Culture:

We are a team of dedicated professionals from diverse backgrounds who, through the NOAA Research Line Office, work to incubate and integrate new ideas, international partnerships, and technologies that result in improved services for the Nation. In NOAA Research International Activities, we strive to create a work environment that is inviting, resilient, supportive, and respectful. We foster this environment through our commitment to diversity, equity, inclusion, and accessibility. Teamwork is at the core of our operations and built on our values of transparency, proactive communication, and constructive feedback. We recognize that each of our physical and mental health and well-being is important. We respect each other's time during the work day and equally respect it when people are off the clock. International time zones sometimes require working during odd hours; we strive to provide a work/life balance that offsets these occasional periods of odd hours, or longer hours during travel. We always speak to each other with respect and understanding, even when we have to be direct or disagree. We have zero tolerance for bullying, harassment, or discrimination and call out those actions when we see them.

Office Location: Silver Spring, MD (SSMC3 11th Floor)

Current Office Work Situation: All the staff in our office follow a hybrid schedule where they are in office 2-3 days a week, and teleworking 2-3 days a week. On Thursdays we are all in the office together; otherwise, staff choose their own schedules.

Travel within DC: 0-3 days

Travel Outside of DC: 0-10 days

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Position Number: E23-20

Agency: NSF

Host Office: Office of Polar Programs

Name/Title of Primary Mentor: Dr. Andrew Titmus/Environmental Program Manager

Co-Mentor: Dr. Polly Penhale

Position Title: Environmental Policy Fellow

FN Welcome: No

Portfolio Summary:

The NSF Office of Polar Programs (OPP) promotes creative and innovative scientific research, engineering, and education in and about the polar regions. OPP manages the U.S. Antarctic Program (USAP) - encouraging international cooperation, maintaining an active and influential presence in the region, and continuing to support high-quality science research. The Environmental team in OPP has an important role in supporting the goals of the US Antarctic Program and the Antarctic Treaty System. A major part of our mission is to represent the United States as members of the Antarctic Treaty and Commission on Environmental Protection to the Antarctic Treaty. Further, our work involves facilitating USAP science and logistical operations while protecting and preserving wildlife and ecosystems through policy development and implementation.

The OPP Environmental Policy Fellow would be a valued member of the environmental team and would work at a responsibility level similar to that of an employee. The Fellow's experience would include exposure to a range of polar environmental policy, compliance, and stewardship issues. In OPP, the Fellow would have the opportunity to engage in the development of interagency and international policy, the management of marine and terrestrial protected areas, and the assessment of environmental impacts of research and operational activities in Antarctica.

As a member of the U.S. Delegation to the Antarctic Treaty and its Committee for Environmental Protection, the Fellow would help us address emerging, important, and complex environmental and wildlife management issues. The Fellow would prepare, and hopefully present, U.S. government position papers and work closely with delegation members from the State Department, EPA, and NOAA, among others. The Fellow would also assist the delegation in our deliberations with international delegations on critical environmental protection matters.

The Fellow would have the opportunity to support ongoing efforts to implement and manage the world's largest marine protected area in the Ross Sea through work with the U.S. Delegation to the Commission for the Conservation of Antarctic Marine Living Resources (CCAMLR). Through work with the Treaty and CCAMLR delegations, the Fellow would gain insight and first-hand experience with the translation of science into policy.

Generally, Fellows in our office have also had the opportunity to spend a up to a month in Antarctica during which they worked with the onsite environmental engineering team providing training to program participants, conducting environmental reviews of research sites and field camps, and assisting with science facilitation activities.

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The work in our office is dynamic, varied, and fast-paced. We have the flexibility to adapt the structure and nature of the work to the Fellow's needs and goals. The Fellow will report to Dr. Andrew Titmus, the Environmental Program Manager, and will also work with Dr. Polly Penhale, the Senior Advisor for the Environment. The Fellow may spend the majority of their time developing expertise on a single issue or they may participate in a variety of projects of interest to them. While specific projects and responsibilities will be based on the Fellow's experience and interests, the Fellow could engage on any number of current priorities and emerging issues:

- Engaging in international discussions on balancing Antarctic tourism with environmental preservation and wildlife protection.
- Developing and reviewing management plans for specially protected and specially managed areas in Antarctica.
- Reviewing research proposals and environmental impact assessments of science and operational activities at U.S. Antarctic research stations and research ships.
- Working with the OPP environmental officer in the review of applications for entry into protected areas and research with fauna and flora under the Antarctic Conservation Act.
- Engaging in international discussions on climate change implications for the Antarctic environment.
- Participating as a member of the U.S. Delegation to the Antarctic Treaty and the Protocol on Environmental Protection.

Expertise Desired:

Ideally, the OPP Fellow would have a background in one of the natural sciences and experience in field work. The Fellow would have strong writing skills and be comfortable speaking in small groups (and perhaps even large ones). The Fellow would have the ability to work well both independently and as part of a team. Teams in OPP often include members with backgrounds in scientific research, operational and logistics support, engineering, and public communication. Strong organizational and analysis skills would be beneficial in a number of potential projects. Curiosity about and enthusiasm for polar regions issues are valued, but prior polar knowledge or experience is not required.

Offices Goals and Duties:

The Office of Polar Programs (OPP) is completely aligned with the Mission and Goals of the National Science Foundation (NSF), an independent federal agency created in 1950 that funds and supports high-quality, cutting-edge research in all fields of science and engineering. NSF provides an integrated strategy to advance the frontiers of knowledge, cultivate a world-class, broadly inclusive science and engineering workforce and expand the scientific literacy of all citizens. Our motto is that NSF is "where discoveries begin".

The Office of Polar Programs promotes creative and innovative scientific research, engineering, and education in and about the polar regions. OPP operates the U.S. Antarctic Program (USAP) on behalf of the U.S. government through the operation of three permanent research stations, two research ships, field stations, and the support of research projects. In the Arctic, we operate a research station in Greenland and support research projects throughout the Arctic. We work with a range of interagency and international partners to meet shared missions in both regions.

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The work of the Fellow is in the Environmental Portfolio of OPP and would focus on various aspects of environmental stewardship in Antarctica. The Environmental team in OPP has an important role in supporting the goals of the US Antarctic Program and the Antarctic Treaty System. Our work involves working with OPP's science and operations program managers, to ensure that the research and operational projects that we support have a minimal environmental impact. We provide environmental training to USAP participants, educational and outreach activities, and guidance to OPP's support contractors. A major part of our mission is to represent the United States as members of the Antarctic Treaty and Commission on Environmental Protection to the Antarctic Treaty. A key part of the Fellow's work would involve these interactions with OPP staff, other federal agencies, and international partners through the Antarctic Treaty Meetings.

Day in the Life:

On any given day, the OPP environmental team, including the Fellow, may be working on high level polar policy issues with interagency or international colleagues such as developing position papers for the Antarctic Treaty Consultative Meeting or may be focused at the ground level, such as analyzing data on research in the Ross Sea, reviewing the environmental impacts of new NSF funded science projects, or reviewing the impacts of Antarctic tourism. Given the variety of levels at which we work, the Fellow would be welcome to work at levels at which they are comfortable or choose to take on a challenge. On the environmental team, we work on tasks and projects independently, but frequently come together to discuss broader or more complex issues. We work with our international partners through the Antarctic Treaty to develop environmental policy for management of Antarctica. We evaluate potential environmental impacts of proposed scientific or operational projects and work with the proponents to reduce or mitigate impacts. We also work closely with the Antarctic support contractor's environmental engineering team on implementing environmental policies on the continent. As a result of the visibility and importance of our work, we may be asked to brief senior leadership within or outside the agency. During a typical workday, we may provide advice and support to treaty delegations, our operations colleagues, and the scientific research community.

Office Culture:

The Office of Polar Programs is very strongly united, and we work together to achieve a common mission—the support of world-class science in polar regions, with a focus on research, education, public communication, diversity and inclusion. The Knauss Fellow, from the start, would be seen as “one of the team” and quickly incorporated into ongoing projects and tasks. OPP staff have wide-ranging backgrounds in the sciences, logistics, operational support, construction, facilities management, engineering, military flight operations, and administration. Within OPP we work together with little hierarchy and everyone has a high level of responsibility and independence. We work with support contractors who manage our research stations and ships in Antarctica and who provide field support in the Arctic. Underpinning our support for science in the field is a strong safety and environmental stewardship culture. We provide opportunities for training and value professional development for all members of the Polar Programs team. We have an “open door” policy in the office (both in person and virtually) and collaboration is key to achieving our overreaching goals. We value respect for colleagues and are willing to listen and learn from each other. For more information on those in the office, our organizational chart can be found here: https://www.nsf.gov/geo/opp/OPP_orgchart.pdf

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Office Location: Alexandria, VA

Current Office Work Situation: Telework eligible. Minimum of two days in the office per 2-week pay period. Full-time remote work may be considered on a case by case basis.

Travel within DC: 1-2

Travel Outside of DC: Variable, one 2-week and one 5-week trip per year (both international)

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Position Number: E23-21

Agency: BOEM

Host Office: Office of Environmental Programs

Name/Title of Primary Mentor: Meghan Cornelison/Sociocultural Specialist

Co-Mentor: Laura Mansfield

Position Title: Just Transition Strategist for Offshore Energy

FN Welcome: Yes

Portfolio Summary:

The Bureau of Ocean Energy Management (BOEM), within the Department of Interior (DOI), manages the exploration and development of the nation's offshore energy and mineral resources. It seeks to balance economic development, energy independence, and environmental protection through management of offshore energy and minerals and environmental reviews and studies. For information about the bureau go to: <http://www.boem.gov/>.

Facilitating a just transition to renewable energy sources and achieving net-zero greenhouse gas emissions are Administration priorities. In addition, advancement of environmental justice and support for underserved communities are key components of the Administration's equity goals. BOEM is at the forefront of offshore energy—both conventional and renewable energy—and is actively working to facilitate engagement with affected communities, particularly underserved communities. To support these priorities, BOEM's Office of Environmental Programs (OEP) seeks a Knauss Fellow with interest in environmental justice, working with Tribal Nations, stakeholder engagement, and other human dimensions of offshore energy planning and development. The Fellow would be encouraged to spend the first several weeks learning about BOEM's work in these areas and identifying, in consultation with their mentor, where their interests and skills would best serve BOEM and the Fellow's goals. The high profile nature of this work and the location of OEP in BOEM's headquarters offers substantial opportunity for interaction with BOEM's senior leadership, including the agency's senior policy advisor. Additionally, the Fellow could expect strong opportunities to build relationships with other Federal and State agencies working on energy and just transition efforts. Overall, the Fellow would have the unique opportunity to work at the intersection of marine science, environmental justice, stakeholder engagement, and national offshore energy strategy.

BOEM is in initial stages of supporting a just energy transition and net-zero greenhouse gas emissions in accordance with legislative directives and administrative priorities, including: responsibly managing offshore oil and gas leasing and development; facilitating development of offshore wind energy; managing development of sand and gravel resources for coastal resiliency; and developing regulations for offshore carbon sequestration. The Fellow would have a major role in laying the foundation of meaningful engagement of underserved communities to help inform BOEM decisions to support a just transition. An area of focus could include working with BOEM's Gulf of Mexico Region to refine and implement an Underserved Community Engagement Plan focused on communities impacted by oil and gas in the Gulf region, with an expanded focus on informing just energy transitions for those communities and potentially on carbon management, including carbon sequestration.

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The fellow may fulfil this responsibility through the following activities:

- Improve BOEM's understanding of underserved community perspectives and awareness of local community dynamics to deliver recommendations about how to build relationships with underserved communities and increase meaningful engagement in offshore energy decision-making.
- Gain an understanding, through literature reviews and engagement with other agencies, industry, and communities, of how a "just energy transition" is defined to inform the role BOEM may play given its mission and authorities.
- Develop policy recommendations, informed by underserved community perspectives, on how to ensure equitable access to benefits from offshore energy activities and to set the groundwork for a just energy transition.
- Work with BOEM, other Federal agencies, and State partners to develop strategic partnerships on community engagement related to offshore energy development with a focus on a just energy transition.
- Explore potential interagency partnerships that may help BOEM better identify communities and their concerns.
- Shape and coordinate engagement efforts such as workshops or listening sessions to continually improve the goals of the Engagement Plan.
- Implement projects or activities that aim to achieve meaningful engagement of environmental justice and underserved communities impacted by offshore oil and gas development.
- Work with OEP and BOEM regional staff to determine how best to integrate underserved community perspectives in the offshore energy planning and development process; identify the type and timing of information necessary to inform decisions.
- Build off BOEM's engagement experience in the New York/New Jersey offshore wind region to adapt toolsets and lessons learned for application in regions experiencing offshore oil and gas development and at the forefront of a just energy transition.
- Identify and prioritize research needs, contribute to study ideas, and review study proposals.

The Fellow's mentor will ensure he/she/they will be connected to other professionals and technical experts across disciplines within and external to BOEM as relevant to the development of the Fellow's study and career interests. The Fellow will be encouraged to attend seminars and conferences and will be invited to participate in program activities. If not virtual, the position will be based in Sterling, VA, or the Main Interior Building, Washington, D.C. BOEM can accept foreign national Fellows, as long as they have lived in the United States for at least three years.

Expertise Desired:

The Fellow should:

- Have some experience in outreach, communications, education, or stakeholder engagement.
- Have a background in the social sciences (to include disciplines such as international relations and economics), marine sciences, environmental sciences, or energy studies.
- Be interested in working across agencies, levels of government (federal, tribal, state, and local), and disciplines.
- Be able to work independently and take initiative to establish lasting partnerships and relationships.

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- Be willing to gain a deep understanding of local needs and how federal approaches can meet these needs.
- Be able to handle sensitive (emotional or political) topics tactfully, responding to questions or concerns with empathy and honesty.
- Experience working with underserved communities, living abroad, or on justice or equity issues is not necessary, but would help the Fellow be successful in this role.

Offices Goals and Duties:

BOEM's environmental program ensures that environmental protection is a foremost concern and an indispensable consideration in BOEM's decision-making. BOEM uses science and law to inform our environmental analyses, conduct consultations, and design critical studies. BOEM's Office of Environmental Programs (OEP) uses sound science as the foundation for environmental assessment to understand risks and benefits to inform decision-making and meet our Nation's energy needs. OEP, located within BOEM's headquarters office, advises senior leadership on environmental issues, develops national policy, provides guidance, and coordinates with regional activities. Staff positions include marine biologists, archaeologists, physical oceanographers, air quality scientists, social scientists, and others who work together to write assessments and design critical studies to better understand the ocean and coastal environments and assist BOEM in managing OCS oil and gas, offshore wind, and mineral resources.

Day in the Life:

The Division of Environmental Assessment (DEA) within OEP employs approximately 20 staff that routinely discuss ways to improve environmental protection and sustainability as part of BOEM's mission to develop the Outer Continental Shelf energy and mineral resources. Because of its position within BOEM Headquarters, DEA uniquely coordinates and advises on environmental issues across the agency and with the Department of the Interior and other agencies.

This role encompasses both "high level" and "ground level" work. The high level work would include developing inter-agency partnerships and working across BOEM, including with BOEM leadership, and the ground level work would include implementing engagement efforts and community concerns related to offshore energy and energy transitions. Day-to-day work often includes a mix of working in teams of BOEM staff on near-term, deadline-driven projects as well as advancing longer-term initiatives. The Fellow could also expect to spend time networking with external entities and building partnerships to support engagement strategies.

Office Culture:

The Division of Environmental Assessment, within BOEM's Office of Environmental Programs, is a forward-thinking office focused on innovating improvements across BOEM to make gains in efficiency and effectiveness in ways regional or program-specific offices could not accomplish alone. The office has spent a significant amount of time and energy in strategic planning and staff training to create a culture of feedback, trust, and openness. The team routinely meets (virtually and in-person as work arrangements and Covid risk levels allow) to discuss both work and get to know one-another. Work schedules are flexible and Supervisors are extremely supportive of finding solutions for any work-life

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balance issues. The Fellow will be welcomed into the team and should expect staff throughout the office to welcome the opportunity to get to know and work with the fellow.

Office Location: Fellow would have the option to telework or work from the office at either the Main Interior Building in Washington D.C. or BOEM's Headquarters Office in Sterling, VA.

Current Office Work Situation: Fellows can expect either full-telework or a hybrid office where staff are in the office a few days a pay period.

Travel within DC: Potential 1-3 days per month to attend meetings with other agencies if scheduled in-person

Travel Outside of DC: Potential 1-3 days per month to attend community meetings or workshops if scheduled in-person

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Position Number: E23-22

Agency: NOAA OMAO

Host Office: Office of Marine and Aviation Operations

Name/Title of Primary Mentor: Wendy Lewis/OMAO Chief of Staff

Co-Mentor: Dean Legidakes

Position Title: OMAO Executive Affairs Division Fellowship

FN Welcome: Yes

Portfolio Summary:

The Executive Affairs Division is the front office and headquarters staff for the Office of Marine and Aviation Operations (OMAO) and the NOAA Corps. This office provides support to the Director, Deputy Director, and Deputy Assistant Administrator of OMAO, assisting with a wide array of duties including but not limited to handling all OMAO internal and external correspondence; working with the Office of Legislative and Intergovernmental Affairs to plan and execute various briefs to Congressional partners; drafting and reviewing briefing materials for the Hill; interfacing with other line office representatives; and planning and executing travel with the Director and Deputies to sites of interest. The supervisor for this position would be the Chief of Staff or Legislative Affairs Specialist, OMAO.

Duties of the fellow would include:

- Preparing materials for briefings and hearings in front of Congress related to ship and aircraft acquisition
- Drafting documents related to ongoing government policy changes in reference to the NOAA Corps and other uniformed services
- Collaborating with senior staff in the creation and revision of new OMAO- and NOAA Corps-related policy and suggestions for changes to legislation
- Reviewing and routing correspondence for OMAO and the NOAA Corps
- Liaising with the Office of Legislative and Intergovernmental Affairs to plan and execute briefings with members of Congress and other external government partners
- Traveling with senior staff to support the Director or Deputies
- Will offer the ability to sail on NOAA ships or fly in NOAA aircraft

In addition, based on the expertise of the fellow, other writing and policy-related assignments may be requested

Expertise Desired:

If possible, the fellow should have some expertise in the area of Congressional correspondence and/or federal budgeting. As the fellow will be asked to handle material related to acquisitions, a good understanding of the federal budget process is preferred, though not absolutely necessary. The individual will need good communication skills and an ability to work in a fast-paced, team environment. Individual must be self-motivated and capable of independently briefing senior OMAO officials regularly. A skilled speaker and writer will do well in this position. Functioning knowledge of Microsoft Office and

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related programs is a must. An ideal applicant is interested in learning more about the interplay between government budgeting and NOAA's execution of its mission, as well as how changing policy shapes the operations and priorities of executive branch agencies.

Offices Goals and Duties:

The Executive Affairs Division aims to support and augment the leadership of OMAO and the NOAA Corps so as to allow for streamlined execution of NOAA's mission. As the nexus for correspondence and liaising on their behalf, the office works to ensure clear communication channels exist throughout the organizations. With regards to Congress, this division is the central point-of-contact for OMAO and the NOAA Corps and their activities on the Hill. Priorities for the office are recapitalizing the fleet of ships and aircraft to meet the demands of the future.

Day in the Life:

The fellow should expect to be welcomed into a team environment where they will join the division's staff as a partner in OMAO and the NOAA Corps' mission. They will be immediately incorporated into the correspondence and drafting processes, as well as looped into division meetings and planning sessions to ensure they are prepared for upcoming events (ie travel with the Admiral). The fellow will be paired with various members of the staff as is relevant to the task at hand. Virtual and in-person meetings will be regular occurrences, as will periodic briefings to senior staff related to assigned projects. The fellow can expect open lines of communication between themselves and the rest of the staff.

Office Culture:

This office operates under the philosophy of "People, Platforms, Mission." Our people come first, then we make sure our assets are cared for, and then we focus on the mission. Individual concerns are not disregarded, and spaces are made to ensure those concerns are heard. There is an attitude of "none to junior," where anyone can raise a concern if it is seen. Additionally, this office believes that actions speak louder than words; the focus is to find what steps can be taken to accomplish goals and then take them, using a "bring solutions instead of problems" mentality. The environment is friendly and fast-paced, with an emphasis on open communication.

Office Location: Silver Spring

Current Office Work Situation: In person a minimum 3 days a week. Most EAD staff are in person and the fellow would benefit from the in office culture.

Travel within DC: 2-5

Travel Outside of DC: 1-7

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Position Number: E23-23

Agency: NOAA OAR

Host Office: Senior Advisor for Climate

Name/Title of Primary Mentor: Ko Barrett/NOAA Senior Advisor for Climate

Co-Mentor: NA

Position Title: Climate Policy Fellow / Special Assistant

FN Welcome: No

Portfolio Summary:

The fellow selected for this position will be working at the highest levels of leadership and strategic coordination related to NOAA's delivery of climate products and services. The Fellow will work directly with NOAA's Senior Advisor for Climate, and can expect to learn about the leadership and strategic coordination required for NOAA to deliver climate products and services to the Nation, as well as internationally. This role will help the fellow enhance their management, coordination, and leadership skills while leveraging their existing skills towards the global challenges presented by climate change. In this role, you will have the opportunity to support the Senior Advisor for Climate in providing strategic advice and scientific leadership for NOAA's climate activities, developing climate-related partnerships with national and international organizations, engaging on climate issues internationally including through continued leadership of the Intergovernmental Panel on Climate Change (IPCC), performing representational duties in various high-visibility forums, and much more. Through these efforts, you will have the opportunity to develop and maintain positive working relationships with leadership and staff across every line office within NOAA and with key external partners.

Towards these larger goals, you will be specifically responsible for: drafting technical documents including presentations, white papers, and briefing memos; managing email correspondence, event requests, and providing staff support on a range of activities and processes; planning and participating in discussions, presentations and briefings with internal and external audiences; providing policy advice; and managing special projects (including projects of unique interest to the fellow). For example, recently, our Fellow has worked on a variety of products, including:

leading and actively participating in interagency work plan creation with NSF and DOT; participating in IPCC approval sessions as part of the US Delegation to the IPCC and communicating the key findings to major press outlets and to Congress and the White House; representing NOAA's Senior Advisor for Climate in NOAA leadership and interagency meetings; supporting the development of a Diversity, Equity, and Inclusion Assessment for the Intergovernmental Panel for Climate Change Gender Action Team, developing a social media communication plan for the Senior Advisor for Climate, creating materials for internal and external engagement on NOAA's new Climate-Ready Nation vision for the Senior Advisor and NOAA Administrator and much more!

Expertise Desired:

Ability to work independently

Strong time management, organization, and prioritization skills

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Strong writing and editing skills

Strong communication skills and interpersonal skills

Ability to distill large amounts of information to a prioritized subset.

Comfortable working on short deadlines.

Ability to work cooperatively as a team player and comfort leading team members

This position does not require any specific topical expertise; however, an understanding of climate science and an interest in building knowledge of NOAA's climate research, applied science, and policy priorities is important

Offices Goals and Duties:

The Senior Advisor for Climate provides the primary leadership and strategic coordination required for NOAA to deliver authoritative, climate products and services to the Nation. As a climate science and policy fellow, you will join the Senior Advisor's team working to coordinate and integrate activities across NOAA's portfolio of climate-related programs.

Day in the Life:

As a high level position situated both at NOAA's headquarters in DC and Silver Spring, this position is fast-paced, dynamic, and gives you exposure to all aspects of NOAA's climate portfolio. The fellow will work directly with the Senior Advisor to help NOAA align, integrate, and extend its capabilities to provide the services needed to address the climate challenge.

Daily activities include briefing the Senior Advisor on key issues, opportunities, and upcoming deadlines, planning and coordinating intra- and interagency collaborations, and maintaining regular communication with relevant programs and staff. The fellow will routinely provide policy advice, draft information on a variety of science and administrative topics, and staff the Senior Advisor at important meetings. This will include balancing a combination of high priority requests and longer term projects in a fast-paced work environment. You will interact with countless individuals within NOAA and across other agencies, as well as domestic and international partners.

Office Culture:

Our work environment is often fast-paced and dynamic, with constantly changing priorities and demands. As a small, close-knit team, we are able to maintain positive, friendly relationships and collaborate to get the work done. This results in a strong sense of teamwork, where we remain well-aligned on our goals, and constructive debate is always encouraged!

Office Location: Silver Spring/Downtown DC

Current Office Work Situation: Mix of telework and in person

Travel within DC: Typically 0-5 days a month (will depend on COVID-19 travel policies)

Travel Outside of DC: Typically 0-5 days a month (will depend on COVID-19 travel policies)

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Position Number: E23-24

Agency: NOAA OAR

Host Office: NOAA Ocean Exploration

Name/Title of Primary Mentor: Adrienne Copeland/Physical Scientist

Co-Mentor: Emily Crum

Position Title: Ocean Exploration Science Communication Fellow

FN Welcome: No

Portfolio Summary:

NOAA Ocean Exploration (www.oceanexplorer.noaa.gov) is dedicated to exploring the unknown ocean, unlocking its potential through scientific discovery, technological advancements, partnerships, and data delivery. We are leading national efforts to fill gaps in our basic understanding of the marine environment, providing critical ocean data, information, and awareness needed to strengthen the economy, health, and security of the United States and the world.

NOAA Ocean Exploration advances ocean exploration science through a competitive grants program to support projects with themes that address NOAA's oceanographic missions, marine archaeology, and the innovative use of marine technologies. The office actively engages in strategic partnerships with other federal agencies, universities, private sector, and philanthropic organizations. The office also conducts systematic ocean exploration with a dedicated vessel of exploration, NOAA Ship Okeanos Explorer.

Data collected during the office's ocean exploration activities are made publicly available in increasingly innovative and accessible ways, providing a unique and centralized national resource of critical ocean information. And, through live exploration video, online resources, training and educational opportunities, and public events, we share the excitement of ocean exploration with people around the world and inspire and engage the next generation of ocean scientists, engineers, and leaders.

NOAA Ocean Exploration seeks a Knauss fellow to support the office's ocean exploration mission. The broad and diverse nature of the office's portfolio will expose the fellow to a wide range of NOAA, NOAA Ocean Exploration, and partner activities, from assisting with developing science plans for expeditions to gaining experience in the intricacies of communicating with diverse audiences and learning first-hand the complexities associated with operating a major national program.

The fellow will be asked to provide scientific, technical, outreach, and policy advice and lead communication activities on a variety of science and exploration topics. Following are some examples of potential activities and responsibilities:

- Contributing to NOAA Ocean Exploration's annual competitive grant process through formulation, proposal review, negotiations, awards, and out-year planning.
- Organizing workshops, town halls, and/or conference sessions.
- Preparing materials for and staffing the NOAA Ocean Exploration director on Hill visits and briefings.
- Leading the development of communication products on topics such as 'omics, technology innovations, and climate change for a range of audiences. Products developed may include web stories, social media posts, newsletter stories, infographics, and videos, to name a few.

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- Supporting communications about expeditions funded through NOAA Ocean Exploration's competitive grants program by interacting with principal investigators from across the ocean exploration community, writing and reviewing web and social media content, and developing written summaries for NOAA and Department of Commerce leadership awareness.
- Leading coordination of presentations by principal investigators about funded projects through the NOAA Science Seminar series.
- Participating in at-sea ocean exploration activities aboard NOAA Ship Okeanos Explorer or partner vessels through telepresence or in person.

Expertise Desired:

Background and expertise in marine science or a related discipline (e.g., environmental science); Familiarity with ocean exploration, ocean mapping, ocean technology, or deep-ocean science is a plus; Experience with science outreach and communications is a plus; Excellent written and oral communication, teamwork, interpersonal, analytical, and organizational skills; Strong attention to detail; Ability to translate technical and scientific text into plain language; Ability to work independently and as a member of an interdisciplinary team and the willingness to ask questions and take on new challenges; Familiarity with Microsoft Office software (Excel, PowerPoint, Word) and the Google suite; Ability to prioritize workload and manage shifting priorities and multiple projects/tasks under deadline; High degree of judgment, imagination, enthusiasm, and ingenuity; Experience sailing on research vessels will be helpful, but is not necessary; Experience with GIS and with Adobe products (such as Photoshop and InDesign) will be helpful; And a sense of humor, willingness to learn, and adventure is a must!

Offices Goals and Duties:

As leaders in ocean exploration, NOAA Ocean Exploration contributes to goals and initiatives at agency, national, and international levels. These include various NOAA science and technology focus areas, such as uncrewed systems, artificial intelligence, 'omics, and the Blue Economy; national-level initiatives such as the National Strategy for Mapping, Exploring, and Characterizing the United States Exclusive Economic Zone and interagency EXpanding Pacific Research and Exploration of Submerged Systems (EXPRESS) and Seascape Alaska campaigns; and international collaborations such as Seabed 2030. The potential fellow may support these efforts, which vary in scope and reach.

Day in the Life:

NOAA Ocean Exploration is unique in that it provides potential fellows with both high-level and ground-level perspectives. The potential fellow will have the opportunity to work across NOAA and with other federal agencies and nongovernmental partners on exploration priorities and may also have the opportunity to participate in Capitol Hill briefings. The potential fellow will contribute to the furthering of NOAA Ocean Exploration's science and technology mission by playing a role in the competitive grants program and learning how to carry out the federal grants process and the types of projects the office supports while also expanding the reach and impact of the office's messages and increasing overall awareness of the value and importance of ocean exploration.

Office Culture:

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At NOAA Ocean Exploration, our mission is to explore the ocean for national benefit, with a vision to strengthen the economy, health, and security of the United States. As we pursue these overarching goals, we are guided by our values of exploration for discovery, scientific integrity, commitment to diversity, and engagement from the local to global level. The office maintains an unwavering commitment to providing valid, clear, and reproducible data and science to the public. We adopt the broadest possible view of diversity, including seen and unseen qualities to foster a culture that exemplifies teamwork, embraces innovation, and values equity and inclusion to achieve mission excellence. Steered by a community-driven exploration approach, NOAA Ocean Exploration actively cultivates relationships with a broad and diverse portfolio of partners to explore the ocean and inform, educate, and inspire the public. Although our team is dispersed across the country, we still find ways to connect through team building, social events, and virtual lunches even in a remote working environment.

Our office consists of four divisions (Administration & Finance, Expeditions & Exploration, Outreach & Education, and Science & Technology) that represent the major pillars of our work. These divisions work together to make our mission possible and are guided by the leadership of our Division Chiefs, Deputy Director, and Director. The fellow will formally be part of both the Outreach & Education and Science & Technology divisions, but will work across all office divisions. NOAA Ocean Exploration strives to foster a positive, supportive, and inclusive work environment. We pride ourselves on being a fun group with personality and great sense of humor!

Office Location: 1315 East West Hwy, SSMC3, Silver Spring, MD 20910

Current Office Work Situation: As the fellow will be based at our Silver Spring office, they will have the option of teleworking (subject to NOAA Telework policy finalization and Ocean Exploration office reintegration).

Travel within DC: 1-2

Travel Outside of DC: 2-5

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Position Number: E23-25

Agency: BOEM

Host Office: Strategic Policy and International Affairs (SPIA)

Name/Title of Primary Mentor: Laura Strickler/Senior International Relations Specialist

Co-Mentor: Emily Lindow, SPIA Office Director

Position Title: International Relations and Policy Fellow

FN Welcome: No

Portfolio Summary:

The mission of the Bureau of Ocean Energy Management (BOEM) is to manage development of U.S. Outer Continental Shelf energy and mineral resources in an environmentally and economically responsible way. BOEM has formal programs for offshore wind and offshore renewable energy, ocean and environmental science, offshore oil and gas, offshore marine and critical minerals, energy economics, offshore geology and energy resource assessment, and other areas related to management of offshore energy.

The mission of the BOEM Office of Strategic Policy and International Affairs (SPIA) is to provide high quality policy and strategic analysis, internal and external coordination, and project management services to support the resolution of complex energy, mineral, environmental, and geopolitical issues facing the bureau. The work of the office supports bureau decision-making and operations, and it helps achieve departmental and U.S. government priorities.

SPIA is currently leading domestic work related to offshore wind and fishing; offshore wind transmission; offshore wind supply chain development; climate; carbon capture and sequestration; and green hydrogen. The international portfolio covers the full suite of issues and programs for the bureau, with current priorities being bilateral and multilateral offshore wind cooperation, bilateral critical minerals cooperation and engagement in the UN International Seabed Authority, Arctic engagement, and environmental science cooperation via energy-related international organizations. SPIA works closely with the U.S. Department of State, the U.S. Department of Energy, and the U.S. Department of Commerce on many of its activities.

The Fellow will be responsible as a lead point of contact for a number of portfolio items and also work as part of a team of SPIA staff and colleagues from other BOEM offices, Department of the Interior bureaus, and U.S. Government federal agencies. The Fellow can expect to:

- Gain expertise in BOEM mission areas;
- Participate in U.S. interagency foreign policy discussions and international organizations;
- Engage in multilateral activities related to offshore energy;
- Establish dialogues and maintain relationships with foreign counterparts on issues within BOEM's purview;
- Track international activities and larger geopolitical issues for potential impacts to BOEM;
- Coordinate and contribute to the development of BOEM policy positions and facilitate discussions with other agencies as needed;
- Manage both short and long-term projects related to emerging domestic priorities; and

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- Prepare BOEM and Department Leadership, such as the BOEM Director or the Assistant Secretary for Land and Minerals Management, for meetings with interagency and foreign counterparts on specific topics.

Due to the variety of topics SPIA handles, as well as its frequent interactions across the agency, bureau, and federal government, the Fellow will have the opportunity to work with a wide range of colleagues and pursue areas of interest, both new and existing.

Expertise Desired:

SPIA leadership and staff are experienced in understanding a variety of perspectives and working collaboratively to develop solutions to complex issues. Our approach is to facilitate, foster dialogue, and encourage collaboration within or across offices by being open and communicative, strategic, diplomatic, and proactive about problem-solving.

We are seeking a fellow that has strong communication skills (written and verbal); excellent interpersonal skills and an ability to work on teams; enthusiasm for learning new things; and the ability to work well under deadlines and shifting priorities. Experience managing projects and leading teams is also desirable. Someone who enjoys collaborating with a creative and dynamic team, but can also lead solo projects on discrete topics would do well.

Offices Goals and Duties:

Key office goals and duties include:

- SPIA serves as the bureau lead for international policy and all international activities within BOEM. SPIA conducts strategic planning for bureau international activities, policy analysis, and priority setting, ensuring bureau goals are met. The office ensures that the bureau's international activities are in line with the Director's priorities, the BOEM mission, and larger U.S. strategic foreign policy interests, as well as properly vetted and coordinated within the Department of the Interior and with the U.S. State Department. SPIA's bilateral and multilateral engagement often takes the form of information exchanges, negotiations, international regulators forums, and meetings of international organizations.
- SPIA also leads coordination and implementation of agency and departmental initiatives (assigned by the Bureau Director and Deputy Director), as well as emerging issues (issues/activities that are currently outside of the formal scope of BOEM's existing domestic operations that could impact multiple program or regional offices), that cross multiple BOEM offices or involve other federal agencies. SPIA staff may lead internal teams as part of this process, and/or they may represent the bureau on external teams.

SPIA conducts these and other activities and achieves its mission by working collaboratively with BOEM subject matter experts, other federal agencies, foreign government agencies, international organizations, and other external parties.

Day in the Life:

A day in the life in SPIA often includes both high-level work, such as interacting across U.S. Government agencies and with foreign counterparts, and ground-level work digging into a topic of particular importance to BOEM or the Department of the Interior, such as researching emerging offshore wind markets in developing nations. Each day can vary greatly, but a given day may include any of the following:

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- Working collaboratively to exchange information with a foreign counterpart agency on offshore wind;
- Planning and engaging in multilateral discussions on a wide range of ocean energy topics;
- Advising on international negotiations on conservation and sustainable management of marine resources;
- Representing BOEM in internal U.S. government meetings with NOAA, Department of Energy, Department of State, or others;
- Coordinating data calls;
- Researching and writing to develop policy recommendations or substantive briefing memos, including preparing to brief bureau leadership;
- Preparing correspondence for the SPIA Director; and/or
- Working with a SPIA colleague on any of the above.

Office Culture:

SPIA consists of curious, diligent, and independent people who enjoy the luxury of a small and trusting team and appreciate a good sense of humor. The Director has high but fair expectations and is direct and clear in communicating them. Staff frequently help one another troubleshoot and develop the most effective strategies and approaches to any given issue, both small and large. Virtual work over the last two years has improved everyone's comfort with utilizing Microsoft Teams to mimic informal and formal in-person communication as much as possible, and the office has successfully onboarded a Knauss fellow during maximum telework operations. BOEM is no longer in maximum telework posture, and SPIA staff are in-person two to three days per week. The Director and one staff member are former Knauss fellows with years of mentoring experience and a solid understanding of how to help the Fellow maximize their year regardless of the pandemic.

Office Location: Main Interior Building in downtown DC; 1849 C St. NW, Washington, DC 20240

Current Office Work Situation: Office staff telework 2-3 days per week and are in-person at the Main Interior Building 2-3 days per week.

Travel within DC: 0-5

Travel Outside of DC: 0-7

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Position Number: E23-26

Agency: NOAA OAR

Host Office: NOAA Ocean Exploration

Name/Title of Primary Mentor: Caitlin Adams/Program Coordinator

Co-Mentor: Chris Beaverson

Position Title: Ocean Exploration Policy Fellow

FN Welcome: No

Portfolio Summary:

NOAA Ocean Exploration (www.oceanexplorer.noaa.gov) is dedicated to exploring the unknown ocean, unlocking its potential through scientific discovery, technological advancements, partnerships, and data delivery. We are leading national efforts to fill gaps in our basic understanding of the marine environment, providing critical ocean data, information, and awareness needed to strengthen the economy, health, and security of the United States and the world.

While the office directly funds and executes many ocean exploration activities, the program also currently serves in a leadership role in both the National Strategy for Mapping, Exploring, and Characterizing the United States Exclusive Economic Zone (NOMECS Strategy) and the National Oceanographic Partnership Program (NOPP). The implementation of the NOMECS Strategy has led to the creation of two interagency bodies, the NOMECS Council and the Interagency Working Group on Ocean Exploration and Characterization (IWG-OEC), which are both co-chaired by NOAA Ocean Exploration. Both groups involve representation from 15+ federal agencies and meet regularly. The fellow will have the opportunity to engage with and support both the Council and the IWG-OEC. NOAA Ocean Exploration also serves in a leadership role for the National Oceanographic Partnership Program as co-chair of the Interagency Working Group for the National Oceanographic Partnership Program (IWG-NOPP) and as the chair of the internal cross NOAA NOPP Committee (NOPP-C) under the NOAA Science Council. The fellow will have the opportunity to engage with and support both the IWG-NOPP and the NOAA NOPP-C.

NOAA Ocean Exploration seeks a Knauss fellow to support the office's ocean exploration mission, primarily through policy development and interagency support. The broad and diverse nature of the office's portfolio will expose the fellow to a wide range of NOAA, interagency, and non-federal ocean exploration activities. The fellow will have opportunities to work directly with the NOAA Ocean Exploration director and senior leadership team and interface with senior leaders from NOAA's Office of Oceanic and Atmospheric Research, National Marine Fisheries Service, and National Ocean Service, as well as other federal agency (e.g., Bureau of Ocean Energy Management, U.S. Geological Survey, NASA, U.S. Navy) and nongovernmental partners (e.g., Ocean Exploration Trust, Schmidt Ocean Institute). The fellow will be asked to provide scientific, technical, and policy advice, lead briefings on a variety of science and exploration topics, and provide expert staff support for both the IWG-OEC and the IWG-NOPP. The fellow will learn how ocean exploration is conducted and have an opportunity to help shape the future of NOAA and national ocean exploration endeavors.

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Our office reflects ocean exploration's inherently interdisciplinary nature. Opportunity exists across all aspects of NOAA Ocean Exploration's functions. The fellow's actual work plan will be shaped by their expertise and interest, and the needs of the office. The work plan will include the areas of marine science, policy, and communication. Potential activities and responsibilities include:

- Supporting the Interagency Working Group on Ocean Exploration and Characterization (e.g., developing policy guidance, researching and developing written materials, managing report review and serving as agency point-of-contact).
- Advising and working on teams planning and providing support for NOAA's participation in the National Oceanographic Partnership Program, an inter-agency program to coordinate Federal efforts that involve multi-sector collaborative partnerships focused on ocean research science and technology initiatives.
- Supporting the Interagency Working Group for the National Oceanographic Partnership Program (e.g., researching and developing written materials, supporting the administration of competitive funding opportunities, managing reporting review and tracking).
- Potential participation in at-sea ocean exploration activities aboard NOAA Ship Okeanos Explorer or partner vessels through telepresence or in-person.
- Organizing workshops, town halls, or conference sessions.
- Staffing the NOAA Ocean Exploration director on Hill visits and briefings.

This is an ideal position for an individual seeking to enhance management and leadership skills while gaining a high level of familiarity and appreciation for ocean exploration science and research in the federal service. The position offers a balance between programmatic exploration interests and high-level policy involvement at agency and administration levels. The setting for this position is an executive office environment, and the fellow can expect to contribute significantly to day-to-day operations in addition to leading special projects of interest to the fellow.

Expertise Desired:

Background and expertise in marine science or a related discipline; Familiarity with ocean exploration, ocean mapping, ocean technology, or deep-ocean science is a plus; Excellent written and oral communication, teamwork, interpersonal, analytical, and organizational skills; Strong attention to detail; Ability to translate technical and scientific text into plain language; Ability to work independently and as a member of an interdisciplinary team and the willingness to ask questions and take on new challenges; Ability to prioritize workload and manage shifting priorities and multiple projects/tasks under deadline; High degree of judgment, imagination, enthusiasm, and ingenuity; Experience with GIS and with Adobe products (such as Photoshop and InDesign) will be helpful; And a sense of humor, willingness to learn and adventure is a must!

Offices Goals and Duties:

As leaders in ocean exploration, NOAA Ocean Exploration contributes to goals and initiatives at agency, national, and international levels. These include various NOAA science and technology focus areas, such as uncrewed systems, artificial intelligence, 'omics, and the Blue Economy; national-level initiatives such as the National Strategy for Mapping, Exploring, and Characterizing the United States Exclusive Economic Zone and interagency EXpanding Pacific Research and Exploration of Submerged Systems

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(EXPRESS) and Seascope Alaska campaigns; and international collaborations such as Seabed 2030. The potential fellow may support these efforts, which vary in scope and reach.

Day in the Life:

NOAA Ocean Exploration is unique in that it provides potential fellows with both high-level and ground-level perspectives. The potential fellow will have the high-level opportunity to work across NOAA and with other federal agencies and nongovernmental partners on exploration priorities for the national program. They will also have the opportunity to participate in Capitol Hill briefings. At the ground level, the potential fellow will contribute to the furthering of the office's science and technology mission.

Office Culture:

At NOAA Ocean Exploration, our mission is to explore the ocean for national benefit, with a vision to strengthen the economy, health, and security of the United States. As we pursue these overarching goals, we are guided by our values of exploration for discovery, scientific integrity, commitment to diversity, and engagement from the local to global level. The office maintains an unwavering commitment to providing valid, clear, and reproducible data and science to the public. We adopt the broadest possible view of diversity, including seen and unseen qualities to foster a culture that exemplifies teamwork, embraces innovation, and values equity and inclusion to achieve mission excellence. Steered by a community-driven exploration approach, NOAA Ocean Exploration actively cultivates relationships with a broad and diverse portfolio of partners to explore the ocean and inform, educate, and inspire the public. Although our team is dispersed across the country, we still find ways to connect through team building, social events, and virtual lunches even in a remote working environment.

Our office consists of four divisions (Administration & Finance, Expeditions & Exploration, Outreach & Education, and Science & Technology) that represent the major pillars of our work. These divisions work together to make our mission possible and are guided by the leadership of our Division Chiefs, Deputy Director, and Director. The fellow will formally be part of both the Outreach & Education and Science & Technology divisions, but will work across all office divisions. NOAA Ocean Exploration strives to foster a positive, supportive, and inclusive work environment. We pride ourselves on being a fun group with personality and great sense of humor!

Office Location: 1315 East West Hwy, SSMC3, Silver Spring, MD 20910

Current Office Work Situation: As the fellow will be based at our Silver Spring office, they will have the option of teleworking (subject to NOAA Telework policy finalization and Ocean Exploration office reintegration).

Travel within DC: 1-2

Travel Outside of DC: 0-5

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Position Number: E23-27

Agency: NOAA NESDIS

Host Office: NESDIS Legislative Analysis Team

Name/Title of Primary Mentor: Merriam Norris/Branch Chief

Co-Mentor: Janice Sessing

Position Title: Congressional Analyst

FN Welcome: No

Portfolio Summary:

Come join the Legislative Analysis Team (LAT) in NOAA Satellites! LAT is a fast-paced, exciting office that provides Congressional activity planning, coordination, and strategy development for NOAA's National Environmental Satellite, Data, and Information Service (NESDIS). In partnership with NOAA's Office of Legislative and Intergovernmental Affairs and NOAA's Budget Office, LAT works to ensure effective representation of NESDIS' programs, roles, policies, and interests in communications with Congress, the Department of Commerce (DOC), and the White House Office of Management and Budget (OMB). You will have the opportunity to work with many NESDIS engineers, scientists, and senior leadership across a range of topics related to satellites and environmental data and their important role in weather forecasts, climate change products and services, and ocean stewardship. Topics that the fellow in LAT may work on span from the bottom of the ocean (e.g., bathymetric mapping) to the surface of the sun (e.g., geomagnetic storms and solar flares) and many topics in between (e.g., floods, wildfires, satellites). As a member of LAT, you will have the opportunity to become fluent in both the legislative and executive branch decision-making processes, and your work will play an integral part in the federal budgeting and appropriations process for NESDIS. You will also receive an extensive background on NOAA programs and science, and become an expert on communicating scientific and engineering activities to less technical audiences to build your future career.

Expected duties of the fellow:

- Coordinating, reviewing, and editing answers to Congressional inquiries about NESDIS activities
- Leading preparation and coordination of Congressional briefings for NESDIS senior leadership on a wide range of topics
- Drafting and editing testimony for officials to use in Congressional hearings
- Coordinating, reviewing, and editing reports to Congress
- Tracking and analyzing legislation
- Contributing to a weekly Congressional update for NESDIS and a bi-monthly newsletter for Congress
- Participating in internal meetings to facilitate strategic planning to further NESDIS interests with Congress, DOC, and OMB
- Attendance at Congressional briefings, hearings, and/or site visits

Two current team members are former Knauss fellows who served in other Offices at NOAA (OAR and NOAA Office of the Chief Scientist) and on the Hill as fellows. In addition, the LAT supervisor and one of the fellow's mentors, Merriam Norris (pronouns she/her), has hosted multiple Knauss fellows as the previous Director with oversight of the Congressional team at NOAA OAR. She and the members of her

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team know the fellowship program well, and will do everything they can to support your interests and academic/training needs. Along with the expected duties above, we look forward to working with the fellow to foster their interests and structure their projects/portfolio accordingly.

Projects for 2023

- Budget rollout and briefings with Member offices and Committees
- Briefings for Congressional offices and Members on topics that range from satellite acquisition to satellite oceanography

Expertise Desired:

- (1) An interest in continually learning new things, including, but not limited to: satellite development and operations, climate, weather and oceans science, communicating with Congress, data, products, and services, and the value of these services to the public
- (2) Strong writing and editing skills to revise program information into clear, non-technical text; attention to detail, accuracy, and consistency of messaging
- (3) Analytical skills for assessments of NESDIS programs and Congressional member interests
- (4) Strong oral communication skills and interpersonal skills
- (5) Ability to work in a team and practice being flexible as needed with workloads and assignments, along with the willingness to ask questions and ask for help when necessary
- (6) Ability to monitor and meet multiple deadlines
- (7) An interest in working at the intersection of science, policy, and budget, along with learning about legislative and decision-making processes within Congress and the Executive Branch

Offices Goals and Duties:

NESDIS provides secure and timely access to global environmental data and information from satellites to both promote and protect the Nation's environment, security, economy and quality of life. Positioned high above Earth, NOAA satellites gather vast amounts of data about Earth's complex environment. NESDIS also translates the technical "bits and bytes" from satellites into climate products and services for users. This critical information yields benefits to every part of our nation, fueling the daily and long-term decisions of the farmer, manufacturer, emergency manager and city planner alike, not to mention families and individuals. The growth of the U.S. space industry has created new and exciting opportunities for federal agencies like NOAA. NOAA will need to be agile as an organization to take advantage of these opportunities, especially in the current world of increasing environmental changes and disasters.

The NESDIS Legislative Analysis Team helps NOAA to meet this mission by educating and informing Congressional audiences about the role of NESDIS data and services to their districts and states, and what they can do to actualize support to NESDIS. We lead analyses of Congressional actions and Member interests, and enable the organization to constantly and consistently promote NESDIS requirements to meet the broader NOAA mission with one voice.

Day in the Life:

The NESDIS Congressional Analyst position will work with NESDIS experts and senior leadership on a range of topics related to satellites and environmental data. The fellow will also coordinate closely with

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NOAA's Office of Legislative and Intergovernmental Affairs, the NOAA Budget Office, and NOAA Policy Coordination Office on a day-to-day basis. Every day is driven by the Congressional requests and priorities with some very quick-turn tasks and other more long-term strategic planning.

In any typical day, the fellow could:

- Meet with the NOAA Office of Legislative and Intergovernmental Affairs to share Hill news and information, and to coordinate actions and communications with Congress
- Brief NESDIS senior leadership on the team's legislative strategy and upcoming Congressional communications efforts
- Coordinate with science experts and program directors across NESDIS to analyze and provide technical drafting assistance on draft legislation
- Coordinate with budget formulation experts within the NESDIS Chief Financial Officer (CFO) office and the NOAA CFO office to create a presentation to lay out the President's Budget request for Congressional Appropriators
- Analyze and summarize Congressional Appropriations language for distribution within NESDIS
- Brief NESDIS senior leadership or program directors to prepare the officials for a briefing before Congress
- Coordinate across NOAA Line Offices to review and comment on draft testimony that a NOAA official will use at a Congressional hearing
- Coordinate with NOAA Public Affairs specialists to notify Congress of an important news announcement
- Meet with NASA's Legislative Affairs specialists to coordinate outreach and communications efforts with Congress
- Have a (currently virtual) lunch meeting with Congressional affairs specialists across NOAA Line Offices to brainstorm topics to coordinate on for Congressional briefings

Office Culture:

In the NESDIS Legislative Analysis Team (LAT), the fellow will be working in a collaborative team environment, and will always have a colleague available to ask questions and seek guidance, bounce ideas off of, and find another set of eyes to check work. The position makes a good fit for a broad variety of backgrounds, and current team members come from various fields of study, some with PhDs in the environmental sciences and others with Master's degrees in public policy. The supervisor will work closely with the fellow and team members are committed to redistributing duties to make sure the portfolio of topics is a good fit for the fellow's interests and ambitions.

LAT sits in the NESDIS Headquarters level, within the Budget Integration Branch under the NESDIS Chief Financial Officer. The Budget Integration Branch includes several other teams, for example the Strategy, Evaluation, and Planning Team, that the fellow will interact with and learn about. The branch chief likes to build and empower teams so they can excel in deliverables, evolve enterprise processes, and tackle challenges. She pledges to give the fellow as much leadership facetime and networking opportunities as they are prepared to take on, and makes it the core value of her job to support each employee and help them to grow in the direction that they want for their professional future. Employees are also encouraged to participate in projects and programs that interest them – for example, a Branch employee is a founding member and organizer of the Professional Early-career Engagement Roundtable (PEER).

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The branch chief also advocates for diversity and inclusion, and is a momma bear in the LGBTQ+ community. She has been working to help employees with personal connections to support emotional health during the pandemic and the remote work/hybrid environment, working to advocate for flexibility and work-life balance. She also provides opportunities for one-on-one check-ins with employees to coach and mentor (while respecting employee boundaries for privacy).

There is no expectation for the fellow to have previous knowledge of Congressional processes or NOAA science for this position. We fully understand that learning about NOAA satellites and environmental data can be a steep learning curve, with a mix of satellite engineering processes that are shared across NOAA and NASA, the ever-growing, rapid evolution of data management and the cloud, and the innovative products made by scientists and mathematicians to translate the data into services like weather and water forecasts. The fellow will learn much of that information at a high level to communicate the basics to a lay audience. We do expect the fellow to have a willingness to learn, ask for help when they feel it is needed, and to accept feedback, and we hope they will bring their energy and enthusiasm to help the team excel.

Office Location: Silver Spring, Maryland

Current Office Work Situation: Currently our federal staff is in the office one day per week (or more by choice of the employee) or 100% remote as the need for situational telework arises, and contract staff are offered 100% remote work by choice of the staff. We can offer flexibility to the fellow to work remotely if desired.

Travel within DC: Possible optional travel to Capitol Hill for 2-3 briefings or hearings per month if the pandemic eases.

Travel Outside of DC: Possible optional travel for 1 to 2 Congressional site visits and/or satellite launches per year.

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Position Number: E23-28

Agency: NOAA NOS

Host Office: National Centers for Coastal Ocean Science

Name/Title of Primary Mentor: Michelle Harmon/Chief of Staff

Co-Mentor: Ruth Kelty

Position Title: Policy analyst and communicator

FN Welcome: Yes

Portfolio Summary:

Join the policy and communications team for NOAA's National Centers for Coastal Ocean Science! We are looking for a fellow who wants to work at the intersection of science, policy, and communication. You'll split your time between supporting our new Chief Scientist and supporting our sea level rise and inundation and deep corals work. You'll gain experience in Congressional engagement, science communication, science program management, and assessing stakeholder needs related to climate change impacts. Staffing the Chief Scientist you'll gain exposure and establish a strong network across NOAA, state and local agencies, federal scientists, non-governmental organizations, and academic institutions. Opportunities to visit our labs, participate in cruises and field work, and represent the office at conferences and meetings will be available. More than 20 former Fellows work in NCCOS and you'll be welcomed and engaged from the day you arrive.

You'll be part of a small team working on communications and congressional outreach for our science portfolio with an emphasis on impacts of sea level rise and coastal inundation, and deep benthic community restoration in areas impacted by the 2010 Deepwater Horizon oil spill. We've been increasing our investment in this work and have a slew of research results to share and convey to policy-makers. Your job will be to get the science out to inform resource management and Federal policies that improve a coastal community's resilience to the impacts of weather and changing climate conditions, such as impacts of increasing sea level rise and the frequency of storms among other things. This will include organizing Congressional briefings, responding to technical questions from the Hill, providing technical drafting assistance on legislation, writing proactive science updates, and developing content for press releases and social media, and if you've got the skills, you can help develop data visualizations that make it easier for project planners and builders to access and understand ecological data for their infrastructure work.

Resilience and Coral Restoration: The broad areas in which we're focused are: (1) providing research, science, engineering and guidance to help coastal communities know how, where, and when to use green infrastructure; (2) implementing green infrastructure projects, e.g. applying beneficial dredge sediment to maintain navigation and create/restore natural systems (with the US Army Corp of Engineers); (3) monitoring the effectiveness of the projects in meeting their shoreline stabilization and ecosystem goals; (4) Gulf of Mexico seafloor mapping, ground-truthing, habitat modeling, and coral propagation in the lab (as part of the deep water restoration work).

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Supporting the Chief Scientist. The NCCOS Chief Scientist is a new position and you'll be the first to work with them! Your key responsibilities will be supporting them in: (1) science prioritization (e.g. what science will we most need in 5-10 years and how do we position ourselves now to address those longer-term needs?); (2) developing new and maintaining existing partnerships with science collaborators and users of NCCOS scientific products; and (3) representing NCCOS, NOS, and NOAA in various internal and external fora. This is an opportunity to play with leadership and great thinkers across NOAA and at other agencies.

Expertise Desired:

Background and/or expertise with coastal/estuarine ecosystem and/or climate science preferred. Ability to effectively synthesize and disseminate information to scientific and lay audiences; ability to interact with diverse individuals and groups, including a wide range of stakeholders, and policymakers. Ability to understand and translate scientific concepts and results. Strong written and oral communication skills as well as collaboration skills. Excellent sense of humor and interpersonal skills.

Offices Goals and Duties:

The National Centers for Coastal Ocean Science (NCCOS) sits at the intersection of science and policy. Our goal is to make science matter by providing coastal managers with information to decide how best to protect environmental resources and public health, preserve valued habitats, and improve the way communities interact with coastal ecosystems. We prioritize the following areas:

- Advancing ecosystem science for conservation and sustainable use
- Developing and implementing observation technologies and ecological forecasts
- Facilitating resilience and adaptation to inundation and climate impacts
- Detecting, monitoring, and mitigating impacts to chemical and biological stressors
- Advancing social, economic, and behavioral approaches to coastal stewardship.

As the biggest science office in NOAA's National Ocean Service, we are headquartered in Silver Spring, MD and have labs in Charleston, SC, Beaufort, NC, Oxford, MD, and Kasitsna Bay, AK. We also run a competitive grant program that helps us extend our capacity beyond our internal science.

Check out our 2022 Accomplishments: <https://cdn.coastalscience.noaa.gov/page-attachments/about/NCCOS-FY22-Accomplishments-four-pager-8x11-with-links.pdf>

Day in the Life:

Part of what makes us fun is that we're a fast moving office with no typical day. In lieu of describing typical, here is what the three of us who you'll most likely work with are doing today. Tony is jet lagged from last week's trip to Ireland where he presented his research on incorporating ecosystem science into fisheries management. Today he needs to prep for the National Ocean Service Coastal Science Board meeting - they are discussing and ranking priority science needs for coastal managers. Tony will also provide an update on the Interagency Harmful Algal Bloom (HAB) Working Group at a meeting of the Great Lakes HAB team. Ruth is leading a dry run for an upcoming Congressional briefing on PFAS in Coastal Waters. She'll help the speakers convey the key points, prep their presentations, and coordinate with our briefing partners at the White House Office of Science and Technology Policy, the White House Office of Management and Budget, and the Department of Defense. Ruth will also reply to Congressional appropriations staff asking our opinion on some language drafted by the Senate (we do

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not like the legislation and this is an opportunity to suggest language we prefer). Sierra is finalizing a press release and will initiate rollout for a set of grants supporting science to inform mitigation of sea level rise impacts to coastal ecosystems, communities, infrastructure and surface transportation, and investigate the ability of natural coastal habitats and partially engineered or restored habitats to reduce the impacts of sea level rise and flooding. If you join our office, your day will depend on what you choose to focus on during your fellowship year.

Office Culture:

NCCOS has a collaborative work environment with a culture that is centered on innovation, inclusivity and diversity, and scientific integrity. Through strategic investments, we explicitly seek to increase the diversity of our staff and to cultivate an inclusive culture that encourages different perspectives. We support NCCOS staff to be innovative in their area of expertise—both scientific, communications, and business operations—to achieve organizational excellence and advance scientific objectives and stakeholder engagement. Finally, NCCOS remains committed to the highest standards of scientific integrity to provide science products, tools, and information that are evidence-based, free of political influence, and produced by the best available science and data.

Office Location: Silver Spring, MD SSMC IV

Current Office Work Situation: Currently staff are authorized to telework up to 3 days a week or 6 days per pay period. Our offices are expected to be rebuilt sometime late winter/early spring of 2023 at that point there will be fewer offices available to accommodate staff and teleworking will likely increase some.

Travel within DC: 0-2

Travel Outside of DC: 0-4

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Position Number: E23-29

Agency: NOAA OAR

Host Office: Ocean Acidification Program

Name/Title of Primary Mentor: Libby Jewett/Ocean Acidification Program Director

Co-Mentor: Dwight Gledhill

Position Title: International Policy Fellow

FN Welcome: No

Portfolio Summary:

NOAA's Ocean Acidification Program (OAP) seeks a Knauss fellow to advance international capacity efforts in support of the Office of Ocean and Atmospheric Research in Silver Spring, MD. OAP helps lead the Global Ocean Acidification Observing Network (GOA-ON), which is composed of international researchers and policymakers working to build an integrated global observing network that documents the current state of ocean acidification (OA). The fellow will become a member of the GOA-ON Secretariat along with two other individuals, one from the Intergovernmental Oceanographic Commission (IOC-UNESCO) in Paris, and one from the International Atomic Energy Agency (IAEA) in Monaco. In addition, the fellow provides secretarial support to the GOA-ON UN Decade Programme Ocean Acidification Research for Sustainability including facilitating meetings and helping with product development.

The fellow will facilitate international coordination efforts and further develop the GOA-ON Regional Hubs, which lead regionally targeted organizing efforts, in addition to working closely with the GOA-ON co-chairs with strategic planning and meeting facilitation. The fellow will also be involved with promoting sustained capacity building in developing nations by assisting with GOA-ON's Pier2Peer Program, an international scientific mentorship program that matches senior marine researchers with junior scientists or those new to the OA field. The fellow will also play an active role in coordinating GOA-ON products, which may include the GOA-ON webinar series, a practical ocean acidification best practices guide, and maintaining the GOA-ON website. The fellow will help to plan the North American GOA-ON Hub meeting in Spring 2022, support the GOA-ON Session at the 5th International Symposium on Effects of Climate Change on the World's Oceans in Bergen in April 2022, as well as coordinating the GOA-ON Workshop (potentially 2024).

The fellow will also participate in international capacity development efforts in the Pacific Islands and Caribbean region. Specifically, the fellow will help to coordinate workshops and funding opportunities for citizens of small island/large ocean states. If international travel is permitted, the fellow can expect to travel to Pacific Island nations to assist with scientific training and workshops. Other areas of focus could include projects with the Department of State such as engaging with development of an OA action plan for the US Government, IAEA Ocean Acidification International Coordination Center, and participation in bilateral meetings with other countries, specifically the Canada Department of Fisheries and Oceans (DFO).

The fellow will also provide general scientific, programmatic, and communications related support for OAP. The fellow will be a valuable addition to the team and will work closely with the Director and

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Deputy Director. The fellow will also interact with international scientists and engage with stakeholders. Finally, the fellow will have the opportunity to develop an independent project specific to their interests that supports the program's goals.

Expertise Desired:

A high level of analytical, organizational, and planning skills; the ability to work independently and as part of a team; effective oral and written communication skills; the ability to interact objectively and effectively with diverse audiences. While not a requirement, a knowledge of OA science would be valuable.

Offices Goals and Duties:

The Ocean Acidification Program is one of several programs in the NOAA Office of Ocean and Atmospheric Research. The program distributes funding to laboratories and other entities inside and outside of NOAA to execute OA monitoring and research as well as data management, education, and outreach. OAP has a relatively small staff.

Day in the Life:

The day-to-day work of OAP's International Policy Fellow will generally be at a "high level", although some aspects of the fellow's portfolio will require them to dig into specific topics and approach projects from the "ground level".

Here are some examples of the types of work that OAP's International Policy Fellow might do through their role as a member of the GOA-ON Secretariat: the fellow will compose newsletters, organize and host webinars, facilitate discussions of international policy, organize and facilitate meetings with GOA-ON's executive council and the regional hubs, and serve as a point of contact for GOA-ON's members. As a supporter of the GOA-ON Pier2Peer program, the fellow may assist with maintaining the network of existing pairs, facilitating new mentor-mentee matches, reviewing scholarship applications, or composing a monthly newsletter that highlights success stories and shares resources to the P2P community.

The fellow may also coordinate meetings with The Ocean Foundation/NOAA Pacific Islands Working Group, help draft Notices of Federal Funding Opportunities (NOFOs), serve on review panels, produce communication materials, and participate in the NOAA OA Working Group (NOAWG) and the Interagency Working Group on OA (IWG-OA). Finally, the fellow will have the opportunity to develop an independent project specific to their interests that supports the program's goals.

Office Culture:

At OAP, fellows are considered full members of our team. The OAP team is relatively small and comprises approximately 11 people. OAP values inclusivity and diversity among its team members, and all OAP team members are treated with respect and friendliness. Input and ideas from team members are valued, and innovation and creativity are expected. Team members are empowered to take leadership roles on activities aligned with their interests and are encouraged to pursue professional development opportunities. Finally, OAP invests significant time in mentoring new staff.

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Office Location: Silver Spring, Maryland

Current Office Work Situation: All the OAP work can be done remotely. That said, we have enjoyed transitioning back into a hybrid schedule because we find informal communications at the office beneficial to our productivity. Most of our staff currently follow a hybrid approach, working in the office some days and at home others; several of our staff are fully remote. OAP follows NOAA/CDC guidelines and DOC policy dependent on COVID-19 community levels. OAP will not dictate where the fellow should reside during the fellowship. Being within the DC region has several advantages, including fostering cohesion, providing more networking opportunities, and ease of transition if NOAA staff are asked to return to the office. However, OAP has previously worked with “100% remote” fellows who did not reside in the DC area, and we are able to provide a fulfilling fellowship year despite the distance. We hold regular virtual staff meetings, maintain contact through a staff text thread, and periodically plan socially distanced get togethers. In addition, the mentor will meet weekly (virtually) with the fellow to ensure maximum engagement.

Travel within DC: 0-5

Travel Outside of DC: 0-5

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Position Number: E23-30

Agency: NOAA OAR

Host Office: Ocean Acidification Program

Name/Title of Primary Mentor: Liz Perotti/Education & Outreach Coordinator

Co-Mentor: Dwight Gledhill

Position Title: Ocean Acidification Capacity Building and Stakeholder Engagement Fellow

FN Welcome: No

Portfolio Summary:

NOAA's Ocean Acidification Program (OAP) seeks a Sea Grant fellow to assist in coordinating its regional capacity building and stakeholder engagement networks, and contribute to its communications and education portfolio in support of the Office of Oceanic and Atmospheric Research in Silver Spring, MD. The portfolio will be split between these two areas, with 25% of the fellow's time reserved for the opportunity to develop an independent project specific to their interests within the program's scope as well as promoting professional development.

The OAP has currently established six regional coastal acidification networks (CANs) to build U.S. regional capacity around addressing ocean acidification (OA). The CANs build collaboration in a specific region between diverse groups of stakeholders, including aquaculture and fisheries industries, marine and coastal managers, government and academic scientists, non-governmental organizations, and others. Many of these networks are organized around thematic working groups, such as science, education and outreach, industry, or policy. The CANs have taken on a variety of activities to bolster regional OA capacity, including hosting webinars, organizing workshops, developing outreach products and writing manuscripts. CANs have focused on identifying monitoring and research priorities, as well as engaging with industry members, tribal communities, and other interested community members. The fellow will work to facilitate engagement among the CANs and promote further development, with responsibilities such as coordinating quarterly cross-CAN calls, representing OAP in CAN working groups, or engaging in other activities such as workshop or webinar planning and outreach product development alongside CAN leads.

The fellow will support OAP communications and education working directly with the office's Education and Outreach Coordinator as their mentor. The fellow will assist with completing a stakeholder needs assessment used to inform Program priorities and to update the NOAA OAP Education Implementation Plan. The fellow will develop messages and materials to communicate program-sponsored OA research. Specific projects could include conducting interviews and writing news stories, updating content on the website, contributing to social media platforms, running webinars, developing educational or outreach materials and developing education/communication strategies and implementation plans.

In addition, the fellow will provide general scientific, programmatic, and administrative support for the program office in Silver Spring, MD. As a small program office, the fellow will be a valuable addition to the team in supporting the office Director and Deputy Director in management of a diverse research portfolio, interaction with project scientists, and engagement with stakeholders. Other areas of focus

could include participation in interagency working groups and responding to public and Congressional inquiries.

Expertise Desired:

A high level of analytical, organizational, and planning skills; ability to work independently and as a part of a team; effective oral and written communication skills; ability to interact objectively and effectively with diverse audiences. Knowledge of OA science, experience working with stakeholders or on communication projects, formal and informal education, and graphic/document design skills are beneficial, but not required.

Offices Goals and Duties:

The Ocean Acidification Program is one of several programs in the NOAA Office of Ocean and Atmospheric Research. The program distributes funding to laboratories and other entities inside and outside of NOAA to execute ocean acidification monitoring and research as well as data management, education, and outreach. OAP has a relatively small staff. We are small, but mighty!

Day in the Life:

Working with OAP on regional capacity networks and communications is an opportunity to work at the “ground level” with a NOAA program office. The fellow will work on multiple projects each with specific, tangible outcomes. Every day will be a little bit different depending on which project is prioritized, but may include virtual meetings with NOAA scientists or stakeholder groups, collaborative work meetings with OAP staff, or independent work on projects within your portfolio. The fellow will be able to plan out most of their work schedule, with flexibility to learn from and assist with other projects outside of their direct portfolio. We encourage and support interaction and engagement outside the program. The fellow will engage with the CANs and OA stakeholders through numerous activities, such as organizing and hosting webinars, organizing and facilitating meetings with CAN members, and coordinating cross-CAN capacity building efforts. The fellow may also assist in supporting development of outreach products such as infographics, 1-pagers, and other products for CANs to disseminate widely to their stakeholders.

The fellow will work directly with the Education and Outreach Coordinator to determine what aspects of the OAP communications and education portfolio they will support based on needs and fellow interest. Activities could include writing strategic web and social media content, contributing to the OAP stakeholder assessment, updating the OA Education Implementation Plan, hosting webinars to engage stakeholders and share education and communication tools, contributing to strategic planning or creating educational materials.

The fellow may also help draft Notice of Funding Opportunities (NOFOs), serve on review panels, and participate in the NOAA Education Council, NOAA OA Working Group (NOAWG), the Inter-Agency Working Group on OA (IWG-OA), and other interagency groups of interest.

Office Culture:

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The fellow may also help draft Notice of Funding Opportunities (NOFOs), serve on review panels, and participate in the NOAA Education Council, NOAA OA Working Group (NOAWG), the Inter-Agency Working Group on OA (IWG-OA), and other interagency groups of interest.

Office Location: Silver Spring, Maryland

Current Office Work Situation: All the OAP work can be done remotely. That said, we have enjoyed transitioning back into a hybrid schedule because we find informal communications at the office beneficial to our productivity. Most of our staff currently follow a hybrid approach, working in the office some days and at home others; several of our staff are fully remote. OAP follows NOAA/CDC guidelines and DOC policy dependent on COVID-19 community levels. OAP will not dictate where the fellow should reside during the fellowship. Being within the DC region has several advantages, including fostering cohesion, providing more networking opportunities, and ease of transition if NOAA staff are asked to return to the office. However, OAP has previously worked with “100% remote” fellows who did not reside in the DC area, and we are able to provide a fulfilling fellowship year despite the distance. We hold regular virtual staff meetings, maintain contact through a staff text thread, and periodically plan socially distanced get togethers. In addition, the mentor will meet weekly (virtually) with the fellow to ensure maximum engagement.

Travel within DC:

Travel Outside of DC: 0-3

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Position Number: E23-31

Agency: FEMA

Host Office: Resilience, Risk Management Directorate

Name/Title of Primary Mentor: Kathleen W. Smith/Branch Chief, Planning and Safety

Co-Mentor: Jennifer Burmester

Position Title: Coastal Hazard Mitigation Planning Specialist

FN Welcome: No

Portfolio Summary:

This position is an opportunity to work with FEMA's National Mitigation Planning Program, a vital component under FEMA Resilience. Our Program supports natural hazard mitigation planning by state, local, territorial, and tribal (SLTT) governments.

The Coastal Hazards Mitigation Planning Specialist will play a critical role to help advance how the impacts from the changing climate and development patterns are addressed in mitigation plans, and to help integrate hazard mitigation planning with coastal zone management activities. Hazard mitigation efforts at the local level, especially mitigation planning, provide an opportunity to incorporate information on future hazards, risks, and vulnerabilities into existing plans and programs. As of July 5, 2022, all 50 states, the District of Columbia, 5 U.S. territories, 229 tribes, and over 24,000 local governments have current mitigation strategies.

Fellows interested in undertaking forward-looking planning efforts will address national challenges, such as: (1) resources for assessing future climate risks are distributed across multiple agencies (FEMA, NOAA, etc.); (2) many different projections and data for hazard risk are available; and 3) clear information, tools and methodologies that could be readily used by hazard mitigation planning practitioners (e.g., emergency managers and community planners) are lacking. As a result, the inclusion of future hazard conditions and climate change into mitigation planning and actions has had mixed results. Mitigation planning regulations, policy and guidance require state, tribal and local plans to describe the probability of future hazard events in the risk assessment and identify actions to address future risk in the mitigation strategy.

The Fellow will have mentoring and professional development opportunities and the flexibility to develop their own program portfolio, based on their interests. The Fellow will act as the direct line of communication between FEMA and partner agencies (NOAA, EPA, others) to deliver information about FEMA's mitigation planning program to coastal stakeholders and share feedback and priorities with FEMA staff to improve program delivery. The Fellow will help develop policy and foster relationships that meet the shared needs of coastal mitigation planning stakeholders. The Fellow may assist FEMA program staff with policy, capability building (training courses and technical assistance) and program effectiveness portfolios, including developing external communication materials, especially around coastal hazards, climate adaptation, planning integration and resilience planning issues.

Expertise Desired:

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FEMA seeks a Fellow with experience working with diverse professional fields, including SLTT emergency managers, resource managers, and/or community planners. Facilitation, presentation, communication, organizational skills, and subject knowledge of coastal planning are desired. Skills conveying technical material both orally and in writing, for a variety of audiences, are valued. Fellows will take the lead on their principal projects; other work will be more collaborative. Time management skills are important.

Offices Goals and Duties:

FEMA's mission is to help people before, during and after disasters. The 2022-2026 FEMA Strategic Plan lays out a bold approach to building the FEMA that delivers its mission while embodying our core values of compassion, fairness, integrity, and respect. The Strategic Plan identifies three ambitious goals - instill equity as a foundation of emergency management, lead the whole of community in climate resilience, and sustain a ready FEMA and prepared nation. The National Mitigation Planning Program supports these goals by supporting State, local, tribal and territory governments in developing mitigation plans that identify natural hazards and actions to reduce losses from those hazards. These state, tribal and local mitigation plans are a pre-requisite for certain non-disaster FEMA assistance programs, but serve the larger FEMA mission by building partnerships, reducing current and future risk, and connecting hazard mitigation with land-use plans and other community planning processes.

Day in the Life:

Day-to-day assignments will include both high level and ground level work and offer the ability to carve out and even shape a unique portfolio of climate resilience work. We anticipate the Fellow's work will include, but not be limited to:

- The Coastal Hazards Mitigation Planning Specialist will work at the 30,000 ft level across multiple FEMA program offices, as well as at the 3,000 ft level within the seven-person HQ program team. In this role, the Fellow will have an opportunity to work jointly with staff supporting FEMA's mitigation assistance, flood hazard mapping, floodplain management, and building sciences programs on policy updates, training development, and communication.
- The Fellow's work in aligning and coordinating mitigation planning and coastal zone management requirements will help SLTTs assess how natural hazards are exacerbated by the changing climate and plan for and implement actions that have mitigation and adaptation co-benefits.
- The Fellow will participate in the planning and execution of Mitigation Planning Program's meetings, monthly calls, special topic calls and other Program communications, both internal and external.
- The Fellow will also support the advancement of interagency partnerships between FEMA, NOAA and Coastal States Organization (CSO) around administrative objectives and strategic priorities, and to learn directly from other partner agencies and organizations, to advance nature-based solutions (natural/green infrastructure), coastal hazards, resilient infrastructure and lifelines, underserved community resilience, community planning and economic development, and hazard mitigation planning and resilience.
- FEMA is committed to ensuring that the Fellow's work meets their professional development goals, connects them with experts to build their network, and takes advantage of opportunities to pursue training and professional development. The host office will allow flexibility for the Fellow to incorporate projects and professional development activities that are of specific interest to the Fellow to further their career goals.

Office Culture:

Overall, FEMA's Vision is a prepared and resilient nation, and we aspire to build a work class organization by focusing on customer satisfaction and empowering people to drive action together. Across FEMA, our core values are compassion, fairness, integrity, and respect, both in how we deliver our mission to the nation, as well as how we work within our organization. Leadership across FEMA is accessible, and encourages growth and individual development as part of our work culture.

While we're serious about our mission, we also like to have fun. During COVID, we have tried to maintain the human connection by dedicating time at weekly branch meetings to discuss personal interests, such as favorite/currently top-of-mind books, movies, foods, songs, and have shared some terrific stories and experiences from summer jobs and "two truths and a lie". We look forward to keep increasing opportunities for networking, professional development, and socializing, both within and outside our office.

Office Location: 400 C Street SW, Washington DC (L'Enfant Plaza metro station)

Current Office Work Situation: FEMA supports hybrid (combination of in office and teleworking) working. To make the Fellow experience as enriching as possible, to encourage networking and relationship- building, FEMA prefers a Fellow to be in Washington, DC. All personnel are eligible for telework, reporting to the official duty location (400 C Street SW, Washington DC) at least two days per pay period (pay periods are 2 weeks in length). Schedules will be coordinated for in-person on the same days in to encourage coordination and foster teambuilding and networking opportunities. FEMA will consider remote work (where the Fellow works 100% remotely) requests, in accordance with Agency policy. The fellow will need to be physically in DC to go through the security and badging process as well as receive equipment from FEMA at the start of the Fellowship term.

Travel within DC: approximately 4 days to office in person (2 days per pay period)

Travel Outside of DC: 0-5

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Position Number: E23-32

Agency: NOAA NOS

Host Office: National Ocean Service

Name/Title of Primary Mentor: Mark Osler/Senior Advisor for Coastal Inundation and Resilience

Co-Mentor: Joanna Peth

Position Title: Special Assistant to the Senior Advisor for Coastal Inundation and Resilience

FN Welcome: Yes

Portfolio Summary:

Being selected for this role will place you within the headquarters of the National Ocean Service and at the forefront of NOAA's leadership in coastal resilience science, strategy, and collaboration within NOAA and across the federal interagency community. The National Ocean Service (NOS) provides data, tools, and services that support coastal communities, economies, and ecosystems. NOS brings a unique range of information and capabilities to help our nation prepare for, respond to, and recover from potentially life-threatening events such as hurricanes, as well as long-term challenges including sea-level rise.

The Senior Advisor for Coastal Inundation and Resilience is responsible for advancing NOAA's coastal inundation science and services that enable decision makers to prepare for and respond to changes affecting coastal communities. He serves as the senior advisor to NOAA leadership on defining the science and policy priorities related to understanding, predicting, and reducing the impacts of sea level rise and coastal flooding to the public and our nation's economy.

As the Special Assistant to the Senior Advisor, you will work in support of various engagements in coastal resilience and ocean risk activities. You will be responsible for organizing and curating ongoing collaborations between the Senior Advisor and NOS program offices, select programs within other NOAA Line Offices, NOAA HQ (i.e. Office of the Administrator, international affairs, legislative affairs, etc.), other federal agencies, international organizations, as well as partners in academia, industry, and non-governmental organizations. You will contribute to shaping and overseeing short- and longterm strategies and activity roadmaps that provide clarity on the scope, schedule, and outcomes of key initiatives within the Senior Advisor's portfolio.

Through this opportunity, you will gain exposure across the National Ocean Service, other NOAA line offices, US government interagency fora, Capitol Hill, private industry, non-governmental organizations, and international partners working on coastal resilience issues. You will be an integral member of the team, contributing to discussions and decisions around coastal resilience priorities at multiple levels of government. There is also the opportunity to become more deeply involved with owning/advancing specific priorities that spark personal and/or professional interest.

Examples of special projects led by previous Fellows:

- Serving as the Executive Secretariat of the NOS Coastal Resilience Work Group
- Running the Knauss Fellow FORCE Committee (Fellows Organized for Resilient Coastal Efforts)
- Supporting the coordination of Congressional hearings and all-interesting briefings
- Facilitating focus groups with external stakeholders on NOAA's long-term R&D priorities

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- Leading creation of a guide to support coastal professionals and decision makers in applying the updated U.S. sea-level rise projections
- Supporting ongoing efforts to coordinate White House interagency work groups related to coastal resilience to achieve outstanding Administration and community priorities

Expertise Desired:

This position requires the Fellow to be organized and flexible, growth oriented, manage time well, prioritize tasks, and bring a proactive voice to work. You will often be tracking the development of multiple high level priorities across a variety of topics and thus must be adept at gathering, organizing and editing written information both collaboratively and independently on short deadlines. Excellent communication and interpersonal skills are essential. This means being a proactive and clear communicator, having a mindset of service to others, exercising discretion, communicating with radical candor, and demonstrating a sense of humor. As the Senior Advisor's responsibilities and engagements grow and evolve, the Fellow should be able to transition between both independent and highly collaborative working styles.

Offices Goals and Duties:

From science, to service and stewardship, NOAA provides authoritative data, tools, and expertise to prepare our nation for both immediate and long-term challenges on the coast. As a Special Assistant, you will join the Senior Advisor in defining NOAA's research, applied science, and policy priorities related to understanding and reducing the impacts of coastal risk to the public, our national security, and our nation's economy. The Fellow will support coastal resilience coordination and decision making at and across multiple levels of government, including within NOAA and NOS, other agencies across the federal government, and on Capitol Hill. The visibility and positive contributions of NOAA's role and authorities in the coastal resilience space have been increasing in recent years, as have opportunities for the Senior Advisor to provide leadership and facilitate coordination in the coastal space. Concurrently, the Fellow's role has evolved to encompass both chief-of-staff and advisory capacities, supporting critical functions of the Senior Advisor's team, tracking and managing projects involving multiple team members, and touching on leadership priorities within NOS, NOAA, and the federal interagency community.

Day in the Life:

This is a 30,000 foot level position - the Fellow will work directly in partnership with the Senior Advisor to lead the strategic planning and coordination of activities across NOAA, including NOS's coastal resilience portfolio. Daily activities include briefing the Senior Advisor on key issues, opportunities, and upcoming deadlines, coordinating intra- and interagency collaborations, and maintaining regular communication with relevant programs, staff, and team members. This position includes balancing a combination of high priority requests and longer term projects in a fast-paced work environment, spanning across NOAA and the federal government. The Fellow will also work closely with other fellows across NOAA and NOS, particularly the NOS Policy and Constituent Affairs Division (PCAD) Fellow, as it relates to coastal resilience. Support may include drafting and reviewing congressional testimony, coordinating within and cross-line office communication, and preparing briefing materials and talking points for the Senior Advisor and other NOS executive leadership.

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Office Culture:

The NOS headquarters office is a collaborative and respectful team. As a Special Assistant to the Senior Advisor, you will be an active part of that team and will work closely with the office of the Assistant Administrator, Deputy Assistant Administrator, NOS Policy and Constituent Affairs Division, NOS Communications team, each of the NOS Program Offices, and a small, but mighty, team of colleagues supporting the Senior Advisor and the coastal resilience portfolio. Your work will include maintaining positive relationships with senior management and program staff across the National Ocean Service to ensure that agency goals and objectives are met. You will be expected to act with discretion and lead with radical candor. You can expect mutual respect, teamwork, and strong mentorship.

Office Location: Silver Spring, MD

Current Office Work Situation: The Fellow must be able to work comfortably in the East Coast time zone. Our official work schedule is split between home-based telework and time in the office each week. If selected for this position, we will have an open conversation about work format (remote, in-person, hybrid) to find a situation that is comfortable and workable.

Travel within DC: Typically 3 - 5 days a month.

Travel Outside of DC: Some travel is resuming and the Fellow may be asked to support the Senior Advisor on travel (domestic and potentially international). Typically several trips of 2 - 5 days through the course of the year.

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Position Number: E23-33

Agency: NOAA OAR

Host Office: National Sea Grant Office (NSGO)

Name/Title of Primary Mentor: Lacy Alison/Program Officer

Co-Mentor: Kelly Samek

Position Title: Coastal Resilience Specialist

FN Welcome: Yes

Portfolio Summary:

NOAA's National Sea Grant Office (NSGO) seeks a Coastal Resilience Specialist to support and collaborate with Sea Grant staff and internal and external partners to advance climate resilience and water resources priorities and initiatives.

The NSGO supports the network of 34 university-based Sea Grant Programs in coastal and Great Lakes states and territories. These programs support coastal communities, including tribal, indigenous, and underserved populations, through engagement with research, education, and extension. Sea Grant has focused its efforts into four strategic areas: Environmental Literacy and Workforce Development, Healthy Coastal Ecosystems, Sustainable Fisheries and Aquaculture, and Resilient Communities and Economies.

This position will provide support primarily to advance the Healthy Coastal Ecosystems (HCE) and Resilient Communities and Economies (RCE) focus areas, as well as Administration priorities including building a Climate Ready Nation.

Some examples of the Fellow's work could include:

- Collaborating with the Sea Grant network and related communities of practice, as well as NOAA partners and inter/intra-agency working groups.
- Continuing efforts to assess the literature, research, best practices, accomplishments, tools, communities of practice, or other collaborative methods to enhance understanding and engagement across Sea Grant programs and partners in topical areas such as water resources, flooding and coastal inundation, and climate adaptation and resilience.
- Building off Sea Grant and partner visioning efforts and other recent scoping and implementation efforts, this position will help develop innovative approaches for next steps towards advancing identified priorities through the Sea Grant network as well as in the context of NOAA's and Department of Commerce's Climate Ready Nation priority.
- Serving as a liaison to other federal, state, and local partners on initiatives related to Sea Grant's current RCE and HCE efforts.
- Sharing knowledge, data, results, findings, and/or ideas across the Sea Grant network and NOAA offices and programs.
- Attending or facilitating virtual and in-person listening sessions, webinars, or meetings to share or collaborate among internal and external partners or groups.
- Assisting with additional office priorities, such as development and implementation of related funding opportunities and responding to requests for information (e.g., congressional, agency, etc.).

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The position allows for some flexibility depending on the interest of the fellow and the priorities of various projects that arise throughout the year.

The Fellow will be responsible for documenting and communicating results of their activities.

Expertise Desired:

a. The fellow should have these skills:

- Ability to thrive in a highly collaborative and dynamic workplace
- Excellent written and oral communication skills
- Excellent interpersonal skills
- Independent problem-solving skills
- An ability to gather, synthesize, and edit information

b. It is desirable that the fellow also have the following:

- Experience in or enthusiasm for coastal, marine or watershed science and issues, climate change issues, coastal resilience, water resources, or other similar science fields
- Experience in translating science and policy for general audiences
- Adaptability for changing work conditions that may involve telework (using multiple platforms), independent work, and in-person team work

Offices Goals and Duties:

Sea Grant's mission is to enhance the practical use and conservation of coastal, marine and Great Lakes resources in order to create a sustainable economy and environment. The National Sea Grant College Program supports coastal and Great Lakes communities through research, extension and education. NOAA's National Sea Grant Office is the federal partner for the National Sea Grant College Program. We administer funding to Sea Grant colleges throughout the nation and oversee national competitions related to Sea Grant priorities. As a nexus of integration for Sea Grant activities nationwide, we help synthesize efforts from around the nation, build partnerships to support shared mission goals, and elevate Sea Grant goals and needs through the executive branch.

Day in the Life:

The Coastal Resilience Specialist will work on a daily/weekly basis with the NSGO mentor(s), other members of the National Office team, key individuals within the Sea Grant Network, and with partners to cultivate a diversity of working relationships across offices within NOAA and throughout the Sea Grant Network.

The fellow will have opportunities and responsibilities that will range from high-level to mid-level as well as from operational (data gathering) to strategic (networking, planning). Virtual or in person work could involve a range of NOAA staff, including outside of the NSGO, as well as with members of the Sea Grant Network (Program Directors and Associate Directors, Extension Leads, Communities of Practice, etc.).

This will allow the fellow to develop a wide network across the agency at a national level, as well as develop connections and collaborations with staff and partners engaged at the local and regional level.

Office Culture:

The National Sea Grant Office strongly encourages collaboration and professional growth in all that it does. The office atmosphere is supportive, friendly and open to new ideas. The leadership team communicates well and provides clear direction with a teamwork-driven approach.

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Staff members interact frequently through both Google Chat and Meet. We enjoy getting together outside of the work space and also encourage work life balance.

The NSGO staff are enthusiastic supporters of Knauss fellows and are dedicated to ensuring the position realizes its full potential to the fellow and the agency.

Office Location: Silver Spring, MD

Current Office Work Situation: We currently have a maximal telework policy, following NOAA policy. Most Silver Spring NSGO staff are working in the office 1-2 days per week.

Travel within DC: 0-5 (flexible and dependent upon Covid safety and other factors)

Travel Outside of DC: 0-3 (flexible and dependent upon Covid safety and other factors)

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Position Number: E23-34

Agency: FWS

Host Office: Branch of Coastal and Marine Resources, Ecological Services - Headquarters

Name/Title of Primary Mentor: Katie Niemi/National Coastal Barriers Coordinator

Co-Mentor: Dana Wright

Position Title: Marine Mammals and Coastal Barriers Fellow

FN Welcome: No

Portfolio Summary:

The Marine Mammal Protection Act (MMPA) assigns the Secretary of the Interior, delegated to the U.S. Fish and Wildlife Service (FWS), all responsibility, authority, funding, and duties for the conservation and management of polar bears, walruses, sea and marine otters, three species of manatees, and dugongs. The Fellow will focus on FWS responsibilities under the MMPA with respect to those species found within waters of the U.S. (polar bears, Pacific walruses, sea otters, and West Indian manatees).

The Fellow's work related to MMPA may include, but is not limited to: developing policy and guidance related to stock status, incidental take, direct take, and marine mammal health and stranding response; coordinating MMPA implementation across FWS Regions; reviewing materials for Federal Register publication; engaging with the National Marine Fisheries Service, Marine Mammal Commission, Regional Scientific Review Groups, and Stranding Network Partners; participating in Marine Mammal Program vision and strategy discussions; preparing materials and participating in briefings on matters of interest to FWS and Department of the Interior (DOI) leadership; and reviewing legislation, preparing testimony for Congressional hearings, and supporting implementation of adopted legislation. A specific project the Fellow could lead is development of an integrated framework for Endangered Species Act (ESA) species / MMPA stock status determinations.

The Coastal Barrier Resources Act (CBRA) seeks to minimize damage to natural resources, loss of human life, and wasteful federal expenditures by restricting most new federal funding and financial assistance for areas designated within the John H. Chafee Coastal Barrier Resources System (CBRS). FWS is responsible for maintaining and updating the maps that depict the 3.5 million acres of dynamic and ecologically sensitive areas that comprise the CBRS along the Atlantic, Gulf of Mexico, Great Lakes, U.S. Virgin Islands, and Puerto Rico coasts, and consulting with other federal agencies on proposed expenditures for infrastructure projects and other financial assistance within the CBRS (e.g., flood control projects, road construction, and disaster assistance).

The Fellow's work related to CBRA may include, but is not limited to: responding to requests from members of Congress, property owners and other interested parties; preparing materials and participating in briefings on matters of interest to FWS and DOI leadership; supporting CBRA consultations internally and with other Federal agencies; preparing communications plans, news releases, and other materials to conduct outreach and build partnerships; reviewing legislation, preparing testimony for Congressional hearings, and supporting implementation of adopted legislation; developing new Intranet site for CBRA practitioners across the agency; preparing materials for Federal Register notices and program website; and developing guidance documents (e.g., fact sheets, Q&As,

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manuals, etc.) to clarify program policies and procedures. A specific project the Fellow could lead would be to work with other FWS programs (e.g., National Wildlife Refuges, Coastal Program, Wildlife and Sport Fish Restoration Program) and other agencies (e.g., National Park Service, Bureau of Ocean Energy Management, Federal Emergency Management Agency, Corps of Engineers) to identify programs and activities affected by CBRA and develop a strategy and implementation plan to increase awareness of and compliance with the law. Related activities could include developing programmatic consultations and online tools to streamline certain CBRA consultations and conducting training for FWS staff and other stakeholders.

Expertise Desired:

The Branch of Coastal and Marine Resources (BCMR) seeks a Fellow with excellent organizational, interpersonal, and written and oral communication skills; ability to work independently and within teams; ability to remain flexible and manage multiple tasks in a fast-paced and changing environment; ability to coordinate among various organizational units to arrive at time-sensitive decision points; ability to be proactive and problem-solve; and ability to develop and improve upon program processes. Ideally the Fellow will have some experience conducting training or presenting technical information to non-scientific and diverse audiences. Broad environmental science or policy-related study area is helpful. Knowledge of the MMPA or CBRA is not required.

Offices Goals and Duties:

The BCMR is located within the Ecological Services Program at the FWS Headquarters office in Falls Church, Virginia. The Ecological Services Program provides national leadership for the conservation of species and the habitats on which they depend. The Fellow will report directly to the BCMR Chief and will be part of a strong team of program experts who are responsible for developing national policies and guidance to facilitate the implementation of the MMPA and CBRA.

Day in the Life:

This position has both high level (30,000 foot) and ground level (3,000 foot) interactions and focuses on work related to marine mammals and coastal barriers. The Fellow will help achieve MMPA and CBRA goals and objectives through program planning, policy formulation and interpretation, outreach and training, and coordination with other FWS offices and regions, federal agencies, and stakeholders. The Fellow can expect close mentoring with subject matter experts; engagement with senior agency leadership and field and regional personnel; opportunities to learn about the ESA and other Ecological Services programs; responsibility on teams that interface with the public, other agencies, Congress, and other stakeholders; exposure to CBRS mapping and GIS analyses; and opportunity to travel to field offices and participate in conferences. The Fellow will be viewed as a full team member in the office and will be able to focus on particular issues based on their interests and the needs of the office.

Office Culture:

Ecological Services-Headquarters considers our working culture a very high priority. For over 6 years, we have worked hard to develop a culture of “us” where employees want to come to work because it’s a positive and welcoming environment. Our office has identified a set of cultural beliefs, results, and

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actions to measure our progress towards three central goals: 1. to create a cohesive culture of excellence; 2. to be visionary leaders, trusted partners, and wise counselors in support of others; and 3. to empower lasting success in the conservation of imperiled species and habitats. Ecological Services-Headquarters keeps office culture, diversity, equity, and inclusion at the forefront of our work, recognizing their importance in employee well-being and the success of our mission. We recognize that we must always continue to improve, and thus we have continued efforts focused on office culture, many of which are staff-led. The Fellow will work in a collaborative team environment where input from all staff members is welcomed and valued. The Fellow will be included in office-wide professional development activities, trainings, town hall meetings, book clubs, and round table discussions intended to enhance learning and provoke thought, discussion, and innovation.

Office Location: Falls Church, VA

Current Office Work Situation: We are currently requiring a minimum 1 day in the office per week with telework the remaining days; this policy is subject to change.

Travel within DC: Infrequent at this time, but may attend meetings at DOI, interagency meetings, and other events scheduled in-person

Travel Outside of DC: Infrequent at this time, but potential for travel to FWS field and regional offices

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Position Number: E23-35

Agency: NOAA OAR

Host Office: OAR Communications Office

Name/Title of Primary Mentor: Michael Murphy/OAR Communications Director

Co-Mentor: Mike Walker

Position Title: NOAA Research Communications Fellow

FN Welcome: No

Portfolio Summary:

Looking for an opportunity to work at the intersections of science, policy, and communications? Eager to build on your scientific knowledge by putting your communications skills to use in an applied way? Want to better understand how federal science organizations strategize and create communication products that demonstrate the value to society for NOAA science, products and services? If so, this is the ideal position for you.

The Oceanic and Atmospheric Research (OAR) Line Office or “NOAA Research” conducts and sponsors cutting edge science in support of NOAA’s mission under the broad themes of oceans and coasts, climate, and weather. OAR consists of ten federal research laboratories across the country, six research programs and a few HQ science support offices. Due to the diverse nature of the work and portfolio, the Fellow will have the opportunity to experience a wide range of topics related to NOAA's science and technology enterprise.

The Fellow will work directly with OAR’s Communications Director and be uniquely positioned in OAR’s executive office suite. The Fellow will have the opportunity to create communications products for and interact with the NOAA Research Assistant Administrator, Deputy Assistant Administrators, Chief of Staff, and other OAR lab/program leadership, as well as senior NOAA staff such as the Chief Scientist and Communication Director. The Fellow will have the opportunity to create communications products and campaigns that showcase NOAA’s broad scientific expertise and technical assistance services. You will learn about all facets of how a government agency communicates, including how we communicate to our workforce about diversity, equity, inclusion and accessibility, and other topics that affect how they work. Work activities for the Fellow can include:

Writing stories about a wide range of scientific topics (check RESEARCH.NOAA.GOV for examples)

- Creating videos and other digital content about our research
- Creating communication presentations for senior Biden-Harris Administration officials
- Creating and implementing communication strategies for specific stakeholders that benefit from NOAA products and services
- Developing and managing rollouts of important NOAA Research scientific findings and reports
- Supporting senior staff at local, national and international (possible) meetings and conferences
- Embed with scientists during field research activities to document (video/photo) and write about their research
- Interview NOAA scientists about their research or other NOAA support employees as part of story writing (may involve travel to NOAA labs and field stations)

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- Conducting communication needs assessment and provide recommendations on how NOAA communicates about its work
- Support internal communications efforts to ensure our workforce has the information they need to perform their work; and that they believe NOAA is a great place to work

Expertise Desired:

This fast-paced position requires the Fellow to be organized and flexible, manage time well, prioritize tasks, problem solve and take initiative. Excellent interpersonal and communication skills are essential, as well as discretion. You must be adept at gathering, organizing and editing written information and working independently on short deadlines. Ideally, the Fellow will already have some demonstrated expertise in creating video, data visualizations, science story writing, graphic design, and/or other digital media capabilities. An understanding of social media strategies is a plus. The Communications Fellow needs to be a team-player and quickly integrate into OAR's Communications team. The Fellow should assimilate quickly into a demanding virtual and potential travel schedule. A "I can do that" attitude is appreciated! Our philosophy is "no idea is too crazy to consider."

Offices Goals and Duties:

We have two simple goals:

- 1) Demonstrate the value of OAR research, products and services in supporting NOAA's mission to protect lives and property; promote sustainable economic growth and manage/conservate natural resources; and
- 2) Ensure that OAR leadership and employees have the information they need to effectively perform their job duties, and enjoy working for the organization.

All our work as described in the portfolio summary is executed with these two goals in mind.

Day in the Life:

As a high-level position situated at the top of the organization of a line office, this position is fast-paced, dynamic, and gives you exposure to all aspects of NOAA Research. You will interact with countless individuals within NOAA. Your day to day will challenge and empower you to communicate about how NOAA's research enterprise supports NOAA's science, service and stewardship mission.

Office Culture:

Our office culture revolves around being multifaceted and having a positive "make it happen" attitude. Although we each have our own "lanes", we are all capable of stepping in to help support each other for the greater good of the team and NOAA. Consequently, we are a highly capable team that is able to execute the many high-priority duties entrusted to us to make sure NOAA's research enterprise runs smoothly. Our office isn't one that supports hostile environments where people can't be themselves. Lastly, our office is a teaching office. We take pride in sharing new skills, tricks, and information with each other that will help us become better people as well as better ocean and coastal professionals. We welcome input and perspectives from our Sea Grant Fellow. Most importantly, we have fun!

Office Location: Silver Spring, MD

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Current Office Work Situation: Our current office work policy is a hybrid policy where we work in the office 2-3 days a week and telework the other days. We are very flexible based on fellows needs, especially if there is a delay in traveling to DC for the start of the fellowship.

Travel within DC: 1-5

Travel Outside of DC: 0-5

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Position Number: E23-36

Agency: NOAA OAR

Host Office: National Sea Grant Office

Name/Title of Primary Mentor: Mark Rath/Aquaculture Managers

Co-Mentor: Chuck Weirich

Position Title: NSGO Seafood Resources Fellow

FN Welcome: Yes

Portfolio Summary:

NOAA's National Sea Grant Office (Sea Grant) is seeking a Seafood Resources Fellow to assist in activities such as, developing future collaborations and partnerships between Sea Grant and Historically Black Colleges and Universities (HBCUs) and other Minority Serving Institutions (MSIs), focusing on sustainable fisheries and aquaculture (SFA), workforce development initiatives, aquaculture and environmental literacy. The fellow will also assist with other Sea Grant SFA activities, including organizing and hosting the annual Aquaculture Research Symposia. Examples of potential responsibilities of this position are described below.

1) Build relationships with HBCUs and MSIs to facilitate collaborations and partnerships with Sea Grant focused on sustainable fisheries and aquaculture (seafood resources)

A primary responsibility of this position would be leading efforts to engage HBCUs and other MSIs regarding their participation in Sea Grant initiatives toward seafood resources. The Fellow would be responsible for conducting an inventory (needs assessment) of the interest and ability of HBCU/MSIs to participate in seafood resources initiatives. The Fellow would also be responsible for communicating the results of their activities to leadership and identifying areas of need associated with engaging with HBCUs/MSIs and U.S. seafood resources industries.

2) Assist with ongoing and developing workforce development efforts by Sea Grant and other NOAA line offices

Sea Grant and NOAA recognize the need to expand efforts toward workforce development of seafood resources industries. In 2021, Sea Grant and NOAA's Office of Sustainable Fisheries initiated a competitive funding opportunity entitled the "Food From the Sea" Careers Program, in which 11 projects were funded to conduct collaborative work with members of the fishing and aquaculture industries to identify training needs and develop resources. A similar topical competition is slated for release late in 2022 and the Fellow may assist in monitoring these projects. The Fellow may also assist other NOAA workforce development strategies and lead the establishment of new workforce development initiatives such as workplace safety.

3) Support Sea Grant and NOAA efforts focused on the enhancement of aquaculture literacy

Sea Grant and NOAA recognize the need to enhance aquaculture literacy among various interested parties, including the public. In 2021, the eeBLUE Aquaculture Literacy Mini-Grants Program was initiated and 10 competitive projects were funded to enhance aquaculture literacy. The Fellow may help assess and compile project outcomes and develop new initiatives and communications products focused on aquaculture literacy.

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4) Assist with other Sea Grant SFA activities including annual Aquaculture Research Symposium Participation in the Sea Grant Annual Aquaculture Research Symposium is a stipulation of most Sea Grant aquaculture funding competitions. In 2021, the initial Sea Grant Aquaculture Research Symposium was held virtually over two weeks in which researchers awarded grants in 2019 presented overviews and updates of their projects. In 2023 an additional Research Symposium is being planned, focusing on awardees of the 2020 and 2021 competitions. The Fellow may assist with organizing and conducting the Symposium.

Expertise Desired:

experience you would like your fellow to have. Include preferred working styles.):

The fellow should have these skills:

- Ability to thrive in a highly collaborative and dynamic workplace
- Excellent written and oral communication skills
- Excellent interpersonal skills
- Independent problem-solving skills

It is desirable that the fellow also have the following:

- Knowledge of, interest in, or prior involvement with, fisheries, aquaculture, or seafood resources
- Experience in or enthusiasm for informal and/or formal education, and establishing collaborations and partnerships with diverse interested parties
- Experience in translating science for various audiences
- Adaptability for changing work conditions that may involve telework (using multiple platforms), independent work, and in-person team work

Offices Goals and Duties:

NOAA's National Sea Grant Office is the federal partner for the National Sea Grant College Program. We administer funding to Sea Grant colleges throughout the nation and oversee national competitions related to Sea Grant priorities. We also facilitate both the Department of Commerce designation of Sea Grant College Programs and the Sea Grant program assessment process. We are a nexus of integration for Sea Grant activities nationwide, helping synthesize efforts from around the nation, build partnerships to support shared mission goals, and elevate Sea Grant goals and needs through the executive branch. Two of Sea Grant's four Focus Areas are supporting Sustainable Fisheries and Aquaculture (SFA) and Environmental Literacy and Workforce Development (ELWD). This position will be integral in the support of both Focus Areas.

Day in the Life:

As a Seafood Resources Engagement Fellow, you will have responsibilities that are both high-level and that require you to zoom in on tasks and projects. A crosscutting theme for this year will be your ability to bring people together and build community, primarily associated with the engagement of HBCUs and MSIs, and furthering NOAA and NSGO efforts towards enhancing workforce development and aquaculture literacy. Daily, your tasks will range from operational (coordinating meetings, planning events) to strategic (guiding needs assessments, engagement, and conducting planning). Your days will

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be varied, from meeting with the administration of NOAA Sea Grant, and other agency leadership to working alongside field educators and extension personnel around the country, to developing and sustaining short, medium, and long-term strategic efforts. This will allow you to develop a wide network across the agency at a national level, as well as develop contacts and partnerships with staff and partners engaged at the local and regional level.

Office Culture:

We focus on collaboration and partnership building - our entire philosophy is rooted in bringing diverse viewpoints to the table to achieve things that others find difficult or impossible. We are proud of our collaborative approach and the value that it brings to the nation. We want each member of our team to find opportunities to grow and to explore, while maintaining a standard of excellence in our service. Our work takes us from the 30,000 ft level right down to the water, and it is thrilling to be able to build connections across scales of action. The mentors are deeply committed to this position, and employ a thoughtful, collaborative approach to mentorship. We are passionate about the success of the fellow and the success of this effort, as it will have benefits for years to come. We are highly supportive of fellows' needs for professional development. We have several Knauss alumni on staff, and our office has extensive experience mentoring and supporting Knauss fellows.

Office Location: NOAA Headquarters, Bldg. 3, Silver Spring, MD

Current Office Work Situation: We currently have a maximal telework policy, following NOAA policy

Travel within DC: 0-5 (subject to covid & other safety concerns)

Travel Outside of DC: 0-3 (subject to covid & other safety concerns)

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Position Number: E23-37

Agency: NOAA OAR

Host Office: National Sea Grant Office

Name/Title of Primary Mentor: Joshua Brown/Federal Program Officer/Environmental Literacy & Workforce Development Lead

Co-Mentor: MaryLee Haughwout

Position Title: NOAA IJA Marine Debris Coordinator

FN Welcome: Yes

Portfolio Summary:

The Infrastructure Investment and Jobs Act provided NOAA with \$200 million over five years to address issues related to marine debris. Funding was split between two provisions that went to the NOAA Marine Debris Program and the National Sea Grant College Program. The Coordinator will work to enhance connections between the two programs, support policy development for the two offices, engage with inter- and intra-agency leadership, and work with current and prospective grant recipients to assess the feasibility, progress, and success of projects.

Specific activities could include:

- Connecting grant recipients with regional Sea Grant and Marine Debris Program staff
- Providing regular status updates on projects to Sea Grant and Marine Debris Program audiences, as well as NOAA and DOC leadership
- Helping plan and carry out a grant recipient conference
- Ensure coordination among funding opportunities
- Synthesize marine debris related science and policy to inform future activities

Expertise Desired:

The fellow should have these skills:

- Ability to thrive in a highly collaborative and dynamic workplace
- Excellent written and oral communication skills
- Excellent interpersonal skills
- Independent problem-solving skills
- An ability to gather, synthesize, and edit information

It is desirable that the fellow also have the following:

- Experience in or enthusiasm for marine debris
- Experience in translating science and policy for general audiences
- Knowledge of, or prior involvement with, environmental and/or science education programs
- Adaptability for changing work conditions that may involve telework (using multiple platforms), independent work, and in-person team work

Offices Goals and Duties:

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NOAA's National Sea Grant Office is the federal partner for the National Sea Grant College Program. We administer funding to Sea Grant colleges throughout the nation and oversee national competitions related to Sea Grant priorities. We also facilitate both the Department of Commerce designation of Sea Grant College Programs and the Sea Grant program assessment process. We are a nexus of integration for Sea Grant activities nationwide, helping synthesize efforts from around the nation, build partnerships to support shared mission goals, and elevate Sea Grant goals and needs through the executive branch.

NOAA's Marine Debris Program is the U.S. Federal government's lead for addressing marine debris. The MDP achieves its mission through six main goals: Prevention, Removal, Research, Monitoring and Detection, Response, and Coordination. These goals are articulated in the Program's five year strategic plan as well as a commitment to diversity, inclusion, and equity. MDP staff is positioned across the country in order to support projects and partnerships with state and local agencies, tribes, non-governmental organizations, academia, and industry.

Day in the Life:

As the NOAA IJJA Marine Debris Coordinator, you'll have responsibilities that are both high-level and that require you to zoom in on tasks and projects. A crosscutting theme for this year will be your ability to bring people together and build community, both within networks such as Sea Grant, NOAA, and the Department of Commerce, and to bridge those networks. On a daily basis, your tasks will range from operational (coordinating monthly meetings, planning events) to strategic (guiding agency priorities and conducting planning). Your days will be varied, from meeting with the Directors of the NOAA Marine Debris Program, NOAA Sea Grant, and other agency leadership to working alongside national, regional and local staff and partners around the country to developing and sustaining short, medium, and long-term strategic efforts.

Office Culture:

NOAA Sea Grant Culture

We focus on collaboration and partnership building - our entire philosophy is rooted in bringing diverse viewpoints and conflicting perspectives to the table to achieve things that others find difficult or impossible. We are proud of our collaborative approach and the value that it brings to the nation. We want each member of our team to find opportunities to grow and to explore, while maintaining a standard of excellence in our service. Our work takes us from the 30,000 ft level right down to the water, and it is thrilling to be able to build connections across scales of action.

NOAA Marine Debris Program Culture

The Marine Debris Program is a division within a larger office, the Office of Response and Restoration. The culture of the Office of Response and Restoration, as well as the divisions within, is one of inclusion and respect. Years of deliberate effort from many dedicated leaders and staff have made the office an inclusive and collaborative environment for talent to thrive. The Marine Debris Program is a dynamic and fast-paced work environment. The culture of the office is collaborative and supportive. The team is made up of 28 people that are located throughout the country. The Program is a mix of federal employees, contractors, and depending upon the year, fellows and interns. Diversity and inclusion are core principles within the Office of Response and Restoration, as well as integrity, service, and respect. These principles are in play every day and an expectation for every team member.

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Office Location: SSMC3 11th floor

Current Office Work Situation: Both offices have a strong culture of telework support, and are preparing for a hybrid in-person/telework schedule consistent with NOAA policy

Travel within DC: 0-5 (subject to covid and other safety concerns)

Travel Outside of DC: 0-3 (subject to covid and other safety concerns)

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Position Number: E23-38

Agency: NOAA NOS

Host Office: Office for Coastal Management

Name/Title of Primary Mentor: Josh Lott/Policy Program Manager

Co-Mentor: Justine Lundsted

Position Title: Coastal Policy Analyst

FN Welcome: Yes

Portfolio Summary:

This will be a dynamic year for the Office for Coastal Management and the Fellow will support our policy initiatives and broader NOAA priorities. As part of the Policy, Planning, and Communications team, the Fellow will support policy-related activities associated with the Office's five major programs:

National Coastal Zone Management Program – A federal and state partnership to comprehensively manage uses and resources in the nation's coastal zone. Thirty-four states have federally approved coastal management programs.

National Estuarine Research Reserves – A network of 30 protected areas designated to protect and study estuarine ecosystems that offers science-based training and education programs and provides unique recreational and place-based learning opportunities.

NOAA Coral Reef Conservation Program – A cross-NOAA initiative that provides the sound science and management needed to preserve, sustain, and restore coral reef ecosystems.

Digital Coast – An online platform that serves as a "one stop shop" for the coastal management data, tools, and training most needed by communities. This initiative takes it a step further, however, by bringing various user groups together through the Digital Coast Partnership to address coastal issues.

National Coastal Resilience Fund - A partnership between NOAA and the National Fish and Wildlife Foundation to restore, increase, and strengthen natural infrastructure to protect coastal communities while also enhancing habitats for fish and wildlife.

We also administer funding under the Infrastructure Investment and Jobs Act and, potentially, the Inflation Reduction Act. The Fellow will support Congressional outreach related to those programs, working closely with another Fellow whose portfolio will be focused only on these programs.

The Fellow will be engaged in many activities, including but not limited to:

Rapid Response: Coordinate office response to a range of NOS, NOAA, Department of Commerce, Congressional, Office of Management and Budget, and interagency information requests regarding Office for Coastal Management products and services; "Hot Topics;" or region/constituent-specific support, partnerships, or issues that leadership must know in advance of a planned meeting or site visit.

Congressional Strategy: The Fellow will work with NOAA's legislative and policy staff on our Congressional strategy, including identifying members of Congress for targeted outreach, preparing materials for office leadership to conduct briefings, and working with staff throughout the country to develop consistent messages for Congressional outreach. Another key activity will be monitoring relevant legislation introduced in the new 118th Congress (e.g., tracking the introduction and

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advancement of proposed bills and providing analysis), including potential reauthorization of the Coastal Zone Management Act and Coral Reef Conservation Act.

Policy Support: The Fellow will contribute to several ongoing initiatives, including: supporting Biden-Harris administration initiatives on coastal resilience and conservation and Executive Orders on climate and racial equity; participating in the Office's community resilience activities; researching and compiling information when requested by NOAA leadership, Congressional staff, the Department of Commerce or Office of Management and Budget; participating in meetings with coastal managers and other key partners; and staffing Office leadership (creating briefing materials and, if conditions allow, traveling with them) at meetings, conferences, and other events.

Communications Support: As the office rolls out new initiatives, the Fellow will work with staff to elevate and provide visibility for these efforts. This includes developing plans to highlight key messages to be shared with the media, Congressional, and partner audiences, creating an approach and timeline for reaching those audiences, and determining the in-house experts who are best equipped to deliver the information. The Fellow will also work with Communications staff to identify stories and accomplishments from the office and partners for use in messaging and communications materials.

Leadership Support: Support leadership presentations, talking points, memos, and other materials. Review draft legislation or testimony. Work with NOS, NOAA, and partners on supporting administration initiatives; develop messages, produce materials, and participate in briefings as required.

The Office for Coastal Management serves the needs of coastal communities and diverse populations nationwide that are vulnerable to the impacts of climate and weather hazards, as well as degraded coastal ecosystems. The impacts can be exacerbated in vulnerable, underserved populations, thus warranting focused attention. Therefore, the office may request assistance with developing products or providing services to under-represented or underserved populations that are susceptible to the impacts of current and future risks. High quality products or services should be designed to assist with (but not limited to) addressing coastal hazards in disproportionately affected areas or communities, as well as supporting equitable community resilience in those areas identified by coastal partners.

The Fellow will also have latitude to develop projects in emergent topics and specific geographic areas of interest, and will have the flexibility to spend limited time finishing degree requirements during work hours, as needed.

Expertise Desired:

This position provides an excellent opportunity for a Fellow with a policy, natural resource management, or legal background, or with a science background and some policy writing experience, to gain exposure to the national coastal and ocean policy arena. Strong verbal and written communication skills are essential. The Fellow should be comfortable in a fast-paced environment and be able to work remotely and independently, as well as part of a team of professional staff from all levels inside and external to the office. In addition to assigned tasks or responsibilities, the Fellow should be proactive in identifying opportunities to contribute to the range of policy needs across the office.

Offices Goals and Duties:

Coastal management refers to actions taken along the coast to keep residents safe, the economy sound, and natural resources functioning. This is accomplished with federal and state partnership programs. Federal legislation provides the overarching mandates; NOAA's Office for Coastal Management oversees

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implementation and provides technical assistance. The guiding legislation is the Coastal Zone Management Act, Coral Reef Conservation Act, and Digital Coast Act. We also implement funding programs under the Infrastructure Investment and Jobs Act and, potentially, the Inflation Reduction Act, and the Fellow will work closely with another office Fellow focused only on these programs. The issues covered are challenging, and include storm preparedness, erosion, development, habitat loss, sea level rise, equitable public access, and diversity and inclusion in our programs and operations.

Day in the Life:

This position supports the office's high level policy and Congressional outreach activities, while also encouraging space for digging into a topic or geographic focus area of the Fellow's interest—a 15,000-foot view, while also flying higher or lower depending on the task at hand. Previous Fellows moved into full-time jobs based on subject matter (wind energy, environmental advocacy) and regional (Great Lakes) interests they cultivated during their fellowship. The Fellow will have the opportunity to interact with office leadership and be responsible for quick turn-around assignments, as well as longer term initiatives that the fellow can guide or shape, both individually and as a team member.

Office Culture:

We are a collaborative office. The Fellow will support and participate in topic-based and geographically oriented teams that match their interests. We have a broad coastal management mission, so our staff have a variety of backgrounds, focus areas, and expertise. We are comfortable with remote work, we work in a fast-paced environment, and we have a culture where everyone is respected and valued, and encouraged to be nimble and creative, take initiative, and learn about and contribute to our mission. Staff at all levels are available for mentorship; we enjoy taking time to support and get to know our Fellows.

Office Location: Silver Spring, Maryland

Current Office Work Situation: Most of our Silver Spring office space is expected to be under reconstruction until March 2023, so the fellowship is likely to start as remote work. There will be some opportunities for periodic in-person meetings with the mentor and other staff in other office space until construction is finished. Once office work is complete, fellow and mentor and other office staff will work part-time in shared offices and part-time telework, with schedule details to be determined. The Office for Coastal Management staff and partners are highly distributed geographically so there will be heavy use of video calls even after we return to the Silver Spring office.

Travel within DC: Covid-dependent: 2-5

Travel Outside of DC: Covid- and budget-dependent: may be an opportunity for 2-3 trips outside the DC area during the fellowship.

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Position Number: E23-39

Agency: DOI

Host Office: Office of the Assistant Secretary for Fish and Wildlife and Parks

Name/Title of Primary Mentor: Matthew J. Strickler/Deputy Assistant Secretary for Fish and Wildlife and Parks

Co-Mentor: Jillian Cohen

Position Title: Fish and Wildlife Fellow

FN Welcome: No

Portfolio Summary:

The Fellow will handle a portfolio that includes exposure to all of the major marine and coastal responsibilities of the Assistant Secretary, including Marine National Monuments, coastal and aquatic National Wildlife Refuges and National Parks, the Coastal Barrier Resources System, the Marine Mammal Protection Act, fish passage, sea turtle conservation, and ecosystem restoration work funded by the Infrastructure Investment and Jobs Act and the Inflation Reduction Act, as well as other sources. The Fellow will also support the Department's engagement in the White House Interagency Working Group on Coastal Resilience, the Ocean Policy Committee, the Ocean Resource Management Subcommittee, and the Department's Senior Ocean Policy Team. In addition, the Fellow will assist with implementation of Secretarial Order 3407, phasing out single-use plastics across the Interior Department, and with Interior's engagement in efforts to negotiate a global agreement to reduce plastic pollution. Finally, along with issues of interest to the Fellow and other duties as assigned, the Fellow will serve as part of a team working to implement President Biden's America the Beautiful Initiative, including efforts to conserve 30 percent of America's lands and waters by 2030.

Our Fish and Wildlife Fellow can look forward to seeing and influencing federal fish and wildlife conservation policy and implementation from the 30,000 foot level, working directly for the Deputy Assistant Secretary (DAS) and as an integral part of our office. We are a small office and the fellow can expect regular contact with the Assistant Secretary (AS) herself as well as executives and senior staff from the U.S. Fish and Wildlife Service and other bureaus. This fellowship will center on issues related to fish and wildlife conservation, with a focus on marine, coastal, and freshwater habitats and the species that live there.

Duties will include:

Tracking marine and coastal issues at the Department, and briefing the AS/DAS

Developing policy recommendations for consideration by the AS/DAS

Representing the Office at internal (DOI), interagency, and external meetings

Staffing the AS and DAS at high-level meetings/events

Conducting research and preparing briefing materials for senior Department officials

The Fellow can expect to develop relationships with a wide range of individuals both inside and outside of the Department and the U.S. Government throughout the fellowship, and to gain exposure to many different conservation decision-makers, actors, and stakeholders.

Expertise Desired:

Due to the breadth of issues we work on we do not expect the fellow to have a specific set of expertise. A foundational background in marine/aquatic resources science and/or policy will be an asset; an interest in learning new things and working with others will be paramount. We will be interested to know if the fellow has a certain topical interest or area of expertise and we can help them find ways to pursue that interest and put that expertise to use. To be successful in our office the fellow will learn to adapt to changing situations and work independently. We will work with the Fellow to identify a suite of topics on which we will want the Fellow to become the office expert. We will provide time, guidance, contacts, and resources to get up to speed on those topics.

Offices Goals and Duties:

The Assistant Secretary for Fish and Wildlife and Parks is responsible for programs associated with the conservation of fish and wildlife, as well as programs related to the National Wildlife Refuge System, National Park System, and Marine National Monuments. In addition, the Assistant Secretary represents the Department of the Interior in coordination of marine environmental quality and biological resources programs with other Federal agencies. Our office takes on a variety of roles related to policy, legislation, regulations, and ensuring that programs support Departmental objectives. We work with bureau and office heads, the Office of the Secretary of the Interior, the Office of Management and Budget, Congress, private groups, and individuals. The Assistant Secretary exercises Secretarial direction and supervision over the U.S. Fish and Wildlife Service and the National Park Service. Both the primary and secondary mentor are former Knauss Sea Grant Fellows and have together supervised or mentored more than a dozen Knauss Fellows in the last ten years. We have a deep commitment to providing an exceptional experience to our Fellows.

Day in the Life:

This is a high-level position. We are an active office taking on numerous high-profile tasks working with many different people, often on tight timelines, and sometimes on relatively short notice. However, a significant element of what we do is also longer-term projects on different topics. The fellow can expect a bit of both: being asked to step in as needed to assist with short-term tasks, but also being given a set of core responsibilities and projects with longer-term deliverables (i.e., weeks to months).

Office Culture:

We are an office of highly motivated staff supporting our Assistant Secretary and the bureaus she oversees. We value collaboration with other offices and treating others with respect. We have a shared passion for conservation and serving the American public and recognize that same passion in the people we work with and for. We take pride in representing our office to others and strive to model professionalism and dedication as well as embodying core values of the Department including diversity and inclusion and ensuring employee safety. We trust one another to handle our respective work portfolios and rely on one another for our skillsets and roles within the office. We are a small office but are highly networked across the Department, our bureaus, other federal agencies, and other organizations.

Office Location: The Stewart Lee Udall Interior Building, located at 1849 C Street NW, Washington, DC 20240

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Current Office Work Situation: In our office we allow a mix of telework and in-person work. We will develop a telework schedule with the Fellow but will expect the Fellow to be in the office most of the time, especially during the initial weeks of the fellowship.

Travel within DC: 2-4

Travel Outside of DC: 1-3

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Position Number: E23-40

Agency: NOAA NESDIS

Host Office: NESDIS/STAR/SOCD

Name/Title of Primary Mentor: Emily Smal/Executive Director, GEO Blue Planet

Co-Mentor: Paul DiGiacomo, Chief, Satellite Oceanography and Climatology Division (SOCD)

Position Title: GEO Blue Planet Policy Fellow

FN Welcome: Yes

Portfolio Summary:

GEO Blue Planet (www.geoblueplanet.org) is an international initiative that bridges the gap between data and services to deliver usable information that supports informed decision-making toward reaching sustainable development. It consists of a network of ocean and coastal-observers, social scientists and end-user representatives from a variety of stakeholder groups, including international and regional organizations, NGOs, national institutes, universities and government agencies. GEO Blue Planet is the ocean and coastal arm of the Group on Earth Observations (GEO), a partnership of more than 100 national governments and in excess of 100 Participating Organizations that envisions a future where decisions and actions for the benefit of humankind are informed by coordinated, comprehensive and sustained Earth Observations.

In this position, the fellow will work with the executive director of the GEO Blue Planet Secretariat, hosted by NOAA NESDIS/STAR/SOCD in College Park, Maryland, and international partners to support the GEO Blue Planet Initiative.

The fellow will work to identify stakeholder needs (particularly in developing countries) and support the executive director of the Secretariat in administrative and coordination duties. During their fellowship, a fellow should expect to get first-hand experience working with high level intergovernmental organizations, like the United Nations Environment Program, and also with local stakeholders and users in coastal communities in various regions in the world, the private sector, NGOs and within NOAA. The fellow will support GEO Blue Planet's engagement with the Group on Earth Observations policy objectives: the Sendai Framework for Disaster Risk Reduction, the UN 2030 Agenda, and the UNFCCC (United Nations Framework Convention on Climate Change). The fellow will have the opportunity to lead development of a working group and project and can choose from a portfolio of topics including (but not limited to) fisheries, marine pollution and climate adaptation.

Expertise Desired:

Communication skills, excellent organization skills, and being comfortable working independently and as part of a team. An understanding of oceanography and challenges to sustainable development and mitigation efforts required for coastal community sustainability is a plus. An interest in international policy is also encouraged.

Offices Goals and Duties:

The fellow will be based in NOAA's Satellite Oceanography and Climatology Division (SOCD). The Satellite Oceanography and Climatology Division (SOCD) provides the research and development of remote sensing data on the world's oceans, and calibrates instruments, verifies the data, and creates products to meet the needs of users for satellite data and other information on the oceans.

The fellow will work with the Executive Director of the GEO Blue Planet Initiative and the Chief of SOCD (who is a chair of GEO Blue Planet's Executive Committee) to share knowledge about ocean and coastal satellite data and information internationally.

Day in the Life:

On a day to day basis, the fellow will work to manage US contributions to GEO Blue Planet. The fellow will also work with the European and Asian offices of GEO Blue Planet and the Executive Director to manage international projects and activities. The fellow will engage daily with international stakeholders from international agencies and NGOs. Cross-agency domestic engagement will also be part of the fellows duties. Projects will vary in scope and magnitude, and can include, but not limited to, the use of Earth observations for the monitoring and management of marine pollution, maritime safety, disaster risk, and sustainable fisheries. Specific duties will include giving presentations, supporting decision support tool development, organizing and hosting international workshops and producing peer-reviewed and general outreach materials.

Office Culture:

The GEO Blue Planet Initiative is a voluntary thematic network that focuses on the use of ocean and coastal observations for societal benefit. GEO Blue Planet is an open community and all who share the interests of the GEO Blue Planet community are welcome to join. The Secretariat is geographically distributed, currently with offices located in Asia, Europe and North America which together support GEO Blue Planet's global activities. While the fellow will be based at NOAA, the fellow will work collaboratively with the Secretariat offices in France and South Korea and with Steering Committee and Working Group members around the world. Since participants in GEO Blue Planet participate voluntarily, they truly care about the mission of GEO Blue Planet and the GEO Blue Planet community. We take a coaching leadership style with fellows, focusing on developing the fellow's talents and helping them find and develop new talents and skills. Strict hierarchy is not our model - we aim for a Constellation mindset for leadership.

Office Location: National Center for Weather and Climate Prediction (College Park, MD)

Current Office Work Situation: The fellow will have flexible telework options with office space available in College Park, MD at the National Center for Weather and Climate Prediction.

Travel within DC: 0-3

Travel Outside of DC: 2-3 international trips/year

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Position Number: E23-41

Agency: NOAA OAR

Host Office: Global Ocean Monitoring and Observing (GOMO) Program

Name/Title of Primary Mentor: David Legler/Director

Co-Mentor: Jessica Mkitarian, Communications Specialist

Position Title: Arctic Observing and Communications Fellow

FN Welcome: Yes

Portfolio Summary:

The Arctic Observing & Communications Fellow will support both GOMO's Arctic Research Program and overall communications for the program.

Arctic Observing (50%): The fellow can expect to work at the intersection of NOAA's Arctic activities through supporting the cross-NOAA Arctic Action Team, helping identify needs in the Arctic Observing Network, and working directly with NOAA Arctic scientists in advancing OAR's Arctic mission by enhancing collaboration and coordination towards key Arctic issues such as sea-ice prediction and ecosystem monitoring. The Fellow will also have the opportunity to support the Interagency Arctic Research Policy Committee (IARPC) and engage with scientists and program managers from across the Federal government.

Specific opportunities include:

Lead efforts across OAR Arctic to drive forward strategic priorities and communicate across programs and laboratories to create synergies;

Work closely with the US Arctic Observing Network and NOAA's Arctic Executive Committee to develop an analysis of capabilities and needs within the existing Arctic observing networks in support of key policy areas such as food security, Indigenous community resilience, and economic and national security;

Respond to NOAA leadership and Congressional queries with regards to OAR and NOAA's strategic and policy interests in the Arctic.

Science Communications (50%): Since becoming an official program in 2020, there has been an increase in demand for communications products that tell the story of the value of global ocean observing and monitoring. At a time when the effects of the climate crisis are increasing, being able to effectively communicate science in an engaging way to a variety of audiences is a valuable, increasingly in demand and necessary skill. This year and for the first time, GOMO is offering two Knauss positions which both have a 50% communications focus. Depending on experience and interest, each fellow may take on individual and collaborative projects that lean into their strengths and offer desired experiences. The fellow can expect to support communications around GOMO's Arctic research, the UN Decade of Ocean Science for Sustainable Development, and/or other ocean observing research topics as priorities are assessed. In addition to supporting the existing communications portfolio, the fellow will be encouraged to pitch and develop new products/projects that help tell the story of the value of global ocean observations in new ways and that reach new audiences. Examples may include: blogs, story maps, developing new graphics, videos, webpages, or education and outreach projects.

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Specific opportunities include:

Meeting regularly with program managers and program-funded scientists to research, develop and write news stories showcasing GOMO science;

Reporting and sharing program news with NOAA leadership and the international ocean observing community through weekly written reports, newsletters and other external engagement opportunities;

Preparing for engagement with Congress by developing materials such as one-pagers showcasing the value and impact of GOMO-funded science;

Participating in regular meetings with the nationwide NOAA OAR Communications team and engaging with the NOAA OAR headquarters communications and public affairs teams to collaborate on projects and prepare press releases as needed;

Developing creative campaigns to share GOMO science, such as the #MeetaBuoy campaign for World Ocean Month in 2021.

Expertise Desired:

Ability to prioritize and willingness to work on multiple tasks, sometimes with short-term deadlines;

Ability to take initiative and work effectively individually and in diverse teams encompassing a variety of backgrounds and responsibilities

Strong interpersonal skills including teamwork, collaboration, accountability

An interest in oceanography including: sustained ocean observing (i.e., moorings, drifting buoys, Argo profiling floats, etc.) and connection of ocean and/or Arctic observing and climate issues to policymakers. Expertise in this area is not needed.

Strong writing, editing, and presentation skills, and an understanding of communicating to different audiences

An interest in and awareness of science communications across various mediums (written stories, videos, social media engagement, etc.)

Patience and flexibility

Offices Goals and Duties:

NOAA's Global Ocean Monitoring and Observing (GOMO) Program is the U.S. Federal source and international leader for sustained, in situ global ocean observations and information in support of research, monitoring, and prediction. Our mission is to provide a resilient, innovative, and fully integrated global ocean observing system that provides critical information across multiple NOAA mission areas, including the National Weather Service, Fisheries, and National Ocean Service. Sustaining these observations is vital to monitoring the long-term changes in the ocean (e.g., ocean warming), improving predictive capabilities in weather and extreme events (e.g., hurricanes), climate models and carbon budgets, and more.

Day in the Life:

Working in GOMO is often considered a 'ground level' position, but the nature of our program collaborations also affords you opportunities to get 'high-level' perspectives. You will interact with scientists from across NOAA, other federal agencies, and international partners. Some days this might

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feel very fast-paced and involve several meetings with colleagues (some from around the world in different time zones), while other days you will have time to think strategically about your professional development and how to move your projects forward. Our office meets together as a team weekly but you will have opportunities for smaller, more focused meetings with other members of the office and across your portfolios. We also make time during the week for non-work meetings to visit and learn more about each other and the work we do in relaxed, informal settings like coffee chats!

Office Culture:

Our office is a very collaborative environment. Most team members have an “open door/email/g-chat” policy. We encourage all forms of curiosity and questions are always welcome. We have hosted fellows consistently since 2015, so we recognize the fellowship is a great learning experience for you to grow your knowledge of the office and ocean observing, as well as an opportunity for you to pursue and develop your individual leadership capabilities. GOMO leadership is actively working to build an increasingly diverse, equitable, and inclusive environment within our team and with our partners. The program director is thoughtful, caring and committed to supporting Fellows to be their best and truly get the most out of their fellowship. The office personality is warm and we enjoy getting together outside of the work space. We enjoy celebrations of all kinds (including birthdays and holiday gatherings) and regularly get together for in-person happy hours during the warmer months.

Office Location: Silver Spring, MD, SSMC 3 - 2nd floor

Current Office Work Situation: 2 days required in the office with 3 days of (optional) telework

Travel within DC: 1-3

Travel Outside of DC: 1-7

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Position Number: E23-42

Agency: NOAA

Host Office: The Office of System Architecture and Advanced Planning

Name/Title of Primary Mentor: Vanessa Escobar/Senior Policy Advisor for User Engagement

Co-Mentor: Martin Yapur

Position Title: Coastal and Ocean User Needs Analyst

FN Welcome: Yes

Portfolio Summary:

What you will be doing:

As a Coastal and Ocean Needs Analyst, you will play a central role in helping NESDIS understand and document critical needs for information in support of coastal and ocean management. You will work directly with the Senior Policy Advisor for User Engagement and serve on the User Engagement Council.

Your job as the Coastal and Ocean Needs Analyst will be to build relationships with stakeholders, and conduct research, that helps NESDIS to pinpoint where it should invest in the development of coastal and ocean-related information products. We want to get to know the users of environmental information and how that information flows from NESDIS through various intermediaries to decision-makers at the state or local level. By helping us map users' needs through the entire value chain, you will help us ensure that our products and services lead to tangible societal or environmental benefits. You will work with the program to identify research areas and outreach opportunities that best fit your individual background and interests and which also serve the needs of our organization. Ultimately, the analyses you develop might be used to build a new product or even to help set goals for our next generation satellites.

Expertise Desired:

What you bring to this position:

As a Knauss Fellow, we expect you to bring a Master's level or higher in an environmental science or policy-related study area. In addition, we are looking for someone who also has the ability to think creatively and work independently. This position is best for someone who wants to choose their own adventure, who can pivot and experiment. We are in the process of testing new approaches to understanding users' needs, so we want a colleague who will be comfortable scouting this new territory with us.

What you will be learning:

We hope you are inspired by our mission. But we also understand that you may not have worked in user engagement and user needs analysis before. So we will be introducing you to some of the leading methodologies and foundational skills needed for user engagement and customer experience measurement. These include:

- Jobs-to-be-done analysis

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- Value of Information analysis
- Techniques for conducting stakeholder interviews
- And more!

Offices Goals and Duties:

About NOAA's National Satellite, Data, and Information Service (NESDIS):

We are a leading, trusted source of environmental information for users around the world. We have end-to-end responsibility for ensuring the quality and availability of this information. It starts with raw data from our constellation of weather and environment-monitoring satellites and ends with vital products and services used daily across the country by the National Weather Service, scientists across NOAA and throughout the U.S., the commercial sector, and private citizens. We also maintain one of the most significant archives of environmental data on Earth. From million-year-old tree rings to near-real-time satellite images, we provide access to comprehensive atmospheric, coastal, oceanic, and geophysical data.

The Office of System Architecture and Advanced Planning is NESDIS' chief designer and planner for the satellite architecture of the future. We consider how satellites built ten, twenty, or thirty years from now will have to perform in order to meet the needs of the nation in the face of a changing climate. We also help our organization evaluate what kinds of information are needed now to support a range of applications, such as fighting fires in the West, monitoring coastal conditions for harmful algae, predicting the weather, or siting offshore wind farms, to name a few.

Day in the Life:

There is no typical day; this position includes a wide range of mission-critical activities, and we expect you to establish your own unique portfolio of work. We anticipate that your tenure at NESDIS will, however, include:

- Working with top NOAA scientists and experts in your area(s) of interest to learn more about the science and uses of satellite data for coastal and ocean management.
- Developing independent research and analysis papers on use cases for satellite information.
- Documenting key stakeholders and communities and establishing working relationships with those stakeholders
- Conducting interviews, workshops, or other outreach activities to identify stakeholder needs
- Learning and applying state-of-the-art approaches to engaging with users and evaluating users' needs
- Serving on the NESDIS User Engagement Council to share information and coordinate action across NESDIS

Office Culture:

NESDIS is an inclusive, and relatively "flat" organization where we value colleagues more for their good ideas, initiative, and teamwork more than for their position in the hierarchy. We're all here to achieve a mission that we believe in---to provide great government service that changes the world for the better. We trust our staff to get the work done without micro-managing them. At the same time, we're ready to

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be supportive and prefer working collaboratively. We value innovation, creativity, flexibility, and initiative.

Office Location: Silver Spring, MD

Current Office Work Situation: We generally expect staff to telework three days a week and come to the office twice a week. That policy is adjustable based on current COVID conditions and individual considerations.

Travel within DC: Primary office located in Silver Spring, MD--additional travel as needed

Travel Outside of DC: As needed

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Position Number: E23-43

Agency: NOAA OAR

Host Office: Global Ocean Monitoring and Observing (GOMO) Program

Name/Title of Primary Mentor: Jessica Snowden/Deputy Director

Co-Mentor: Jessica Mkitarian

Position Title: Capacity Building & Communications Fellow

FN Welcome: Yes

Portfolio Summary:

ity Building in the Pacific Islands - 50%

Support the establishment of a women-focused peer-to-peer mentorship program in the Pacific Islands, including leading the planning of an in-person mentorship workshop(s) with our partner, The Ocean Foundation;

Lead the strategy development and implementation for public outreach (including social media) to Pacific Island communities to share information about ocean science and about NOAA-supported projects in the region including the women-focused mentorship program, including developing outreach materials on the value of ocean observations and organizing a series of science-policy workshops and/or meetings with local stakeholders (potential for both virtual and in-person);

Support the development of a GOMO Pacific engagement strategy that considers all of the work we are doing across the Pacific and how it integrates with the GOMO Strategic Plan, U.S. Pacific Island Strategy, UN Decade of Ocean Science for Sustainable Development, and the U.S. IndoPacific Strategy to identify 1) priority areas and/or activities to guide decision making, and 2) potential opportunities for expanding existing work to best align with GOMO's priorities.

Science Communications (50%): Since becoming an official program in 2020, there has been an increase in demand for communications products that tell the story of the value of global ocean observing and monitoring. At a time when the effects of the climate crisis are increasing, being able to effectively communicate science in an engaging way to a variety of audiences is a valuable, increasingly in demand and necessary skill. This year and for the first time, GOMO is offering two Knauss positions which both have a 50% communications focus. Depending on experience and interest, each fellow may take on individual and collaborative projects that lean into their strengths and offer desired experiences. The fellow can expect to support communications around GOMO's extreme events and hurricane research, the UN Decade of Ocean Science for Sustainable Development, and/or other ocean observing research topics as priorities are assessed. In addition to supporting the existing communications portfolio, the fellow will be encouraged to pitch and develop new products/projects that help tell the story of the value of global ocean observations in new ways and that reach new audiences. Examples may include: blogs, story maps, developing new graphics, videos, webpages, or education and outreach projects.

Specific opportunities include:

Meeting regularly with program managers and program-funded scientists to research, develop and write news stories showcasing GOMO science

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Reporting and sharing program news with NOAA leadership and the international ocean observing community through weekly written reports, newsletters and other external engagement opportunities
Preparing for engagement with Congress by developing materials such as one-pagers showcasing the value and impact of GOMO-funded science

Participating in regular meetings with the nationwide NOAA OAR Communications team and engaging with the NOAA OAR headquarters communications and public affairs teams to collaborate on projects and prepare press releases as needed

Developing creative campaigns to share GOMO science, such as the #MeetaBuoy campaign for World Ocean Month in 2021.

Expertise Desired:

Ability to prioritize and willingness to work on multiple tasks, sometimes with short-term deadlines
Ability to take initiative and work effectively individually and in diverse teams encompassing a variety of backgrounds and responsibilities

Strong interpersonal skills including teamwork, collaboration, accountability

An interest in oceanography including: sustained ocean observing (i.e., moorings, drifting buoys, Argo profiling floats, etc.) and connection of ocean observing and climate issues to policy and capacity building. Expertise in this area is not needed.

Strong writing, editing, and presentation skills, and an understanding of communicating to different audiences

An interest in and awareness of science communications across various mediums (written stories, videos, social media engagement, etc.)

Patience and flexibility

Offices Goals and Duties:

NOAA's Global Ocean Monitoring and Observing (GOMO) Program is the U.S. Federal source and international leader for sustained, in situ global ocean observations and information in support of research, monitoring, and prediction. Our mission is to provide a resilient, innovative, and fully integrated global ocean observing system that provides critical information across multiple NOAA mission areas, including the National Weather Service, Fisheries, and National Ocean Service. Sustaining these observations is vital to monitoring the long-term changes in the ocean (e.g., ocean warming), improving predictive capabilities in weather and extreme events (e.g., hurricanes), climate models and carbon budgets, and more.

Day in the Life:

Working in GOMO is often considered a 'ground level' position, but the nature of our program collaborations also affords you opportunities to get 'high-level' perspectives. You will interact with scientists from across NOAA, other federal agencies, and international partners. Some days this might feel very fast-paced and involve several meetings with colleagues (some from around the world in different time zones), while other days you will have time to think strategically about your professional development and how to move your projects forward. Our office meets together as a team weekly but

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you will have opportunities for smaller, more focused meetings with other members of the office and across your portfolios. We also make time during the week for non-work meetings to visit and learn more about each other and the work we do in relaxed, informal settings like coffee chats!

Office Culture:

Our office is a very collaborative environment. Most team members have an “open door/email/g-chat” policy. We encourage all forms of curiosity and questions are always welcome. We have hosted fellows consistently since 2015, so we recognize the fellowship is a great learning experience for you to grow your knowledge of the office and ocean observing, as well as an opportunity for you to pursue and develop your individual leadership capabilities. GOMO leadership is actively working to build an increasingly diverse, equitable, and inclusive environment within our team and with our partners. The program director is thoughtful, caring and committed to supporting Fellows to be their best and truly get the most out of their fellowship. The office personality is warm and we enjoy getting together outside of the work space. We enjoy celebrations of all kinds (including birthdays and holiday gatherings) and regularly get together for in-person happy hours during the warmer months.

Office Location: Silver Spring, MD, SSMC 3 - 2nd floor

Current Office Work Situation: 2 days required in the office with 3 days of (optional) telework

Travel within DC: 1-3

Travel Outside of DC: 1-7

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Position Number: E23-44

Agency: BOEM

Host Office: Office of Environmental Programs (OEP)

Name/Title of Primary Mentor: Yoko Furukawa/Chief, Branch of Physical and Chemical Sciences

Co-Mentor: Jonathan Lilley

Position Title: Climate Science Liaison Fellow

FN Welcome: Yes

Portfolio Summary:

The Bureau of Ocean Energy Management (BOEM), within the Department of Interior (DOI), manages the exploration and development of the nation's offshore resources. It seeks to balance economic development, energy independence, and environmental protection through management of offshore energy and minerals and environmental reviews and studies. For information about the bureau go to: <http://www.boem.gov/>

Climate science is an Administration priority. BOEM is at the forefront of the advancement of offshore renewable energy to address the climate issues while ensuring the advancement is achieved through decisions informed by sound science. For this reason, BOEM is actively working to develop and manage world-class scientific research that informs policy decisions. To support this work, BOEM's Office of Environmental Programs (OEP) seeks a Knauss Fellow with interest in advancing the efficacy and value of climate science knowledge in BOEM's policy decisions.

One responsibility for the fellow is to evaluate the climate science mastery of BOEM's workforce. The fellow may fulfil this responsibility through following activities:

- Working with climate science subject matter experts within BOEM and in other agencies to identify or develop training and knowledge development opportunities.
- Implementing projects or activities that aim to strengthen the climate science conversations and knowledge development opportunities within BOEM.
- Participating in interagency engagements to identify and develop partnership opportunities outside of existing BOEM programs.
- Identifying and prioritizing research needs, contributing to study ideas, and reviewing study proposals

Another focus area is to develop opportunities for BOEM's science workforce to engage in robust scientific knowledge exchange within BOEM as well as with the greater scientific communities. This may be achieved through following activities:

- To plan and facilitate a BOEM-wide science knowledge exchange webinar series.
- To actively participate in planning and facilitation of BOEM's presence in national and international scientific meetings in climate science and other related disciplines.

The Fellow's mentor will ensure he/she/they will be connected to other professionals and technical experts across disciplines within and external to BOEM as relevant to the development of the Fellow's study and career interests. The Fellow will be encouraged to attend seminars and conferences and will be invited to participate in program activities. The position will be based in Sterling, VA, or the Main

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Interior Building, Washington, D.C. BOEM can accept foreign national Fellows, as long as they have lived in the US for at least three years.

Expertise Desired:

The Fellow must:

- have a background in the climate sciences, marine sciences, or environmental sciences, and can serve as the agency's subject matter expert in one of these areas.
- have experience collaborating with scientists with diverse disciplines.
- be able to work independently.
- be able to take initiative to engage in collaborations with senior, mid-level, and early career US Government officials in a wide range of career fields within BOEM and from other agencies.
- be willing to gain a deep understanding of BOEM's environmental science mission, and actively participate in BOEM's effort to advance its mission through a range of projects and tasks.

Offices Goals and Duties:

Office of Environmental Programs (OEP): BOEM's environmental program ensures that environmental protection is a foremost concern and an indispensable consideration in BOEM's decision-making. BOEM uses science and law to inform our environmental analyses, conduct consultations, and design critical studies. OEP, located within BOEM's headquarters office, advises senior leadership on environmental issues, develops national policy, provides guidance, and coordinates with regional activities. Staff positions include marine biologists, archaeologists, physical oceanographers, air quality scientists, social scientists, and others who work together to write assessments and design critical studies to better understand the ocean and coastal environments and assist BOEM in managing OCS oil and gas, offshore wind, and mineral resources.

Day in the Life:

This role encompasses both "high level" and "ground level" work. The high level work would include: (a) developing BOEM's strategy for cross-BOEM scientific collaborations, and (b) developing climate science training strategies for the BOEM scientific workforce. The ground level work would include: (i) coordinating climate-related data calls across BOEM, and (ii) organizing and facilitating BOEM-wide scientific knowledge exchange through meetings and documents.

The Division of Environmental Sciences (DES) within OEP employs approximately 20 staff that play key roles in developing and managing world-class scientific research studies to inform policy decisions related to offshore development of conventional and renewable energies as well as mining of mineral resources. The bureau's environmental studies cover a broad range of disciplines, including physical oceanography, atmospheric sciences, biology, protected species, social sciences (including economics and cultural resources), and the environmental impacts of energy development. BOEM manages pioneering and ongoing research studies nationally and in the Atlantic and Pacific Ocean, the Gulf of Mexico, and offshore Alaska. Because of its position within BOEM Headquarters, DES staff often serve as the subject matter experts on a wide range of scientific disciplines within the agency and with the Department of the Interior and other Government agencies.

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Office Culture:

DES consists of mission-oriented, innovative people with passion for environmental sciences. The team is diverse, inclusive, and supportive of one-another. While the common mission of science-based decision-making facilitates our robust team culture and mutual respect, it also encourages us to be independent thinkers. Work schedules are flexible, and supervisors are extremely supportive of finding solutions for any work-life balance issues. OEP has hosted several Knauss fellows in the recent past and is excited to have the opportunity to welcome a climate science liaison fellow as a team member and colleague.

Office Location: Washington DC or Sterling VA

Current Office Work Situation: Fellows are expected to work in Sterling, VA office or the Main Interior Building, Washington, D.C. at least one day per week and up to 5 days per week. Telework can be scheduled for 0-4 days per week.

Travel within DC: 1-3 days/month for potential meetings and conference attendance

Travel Outside of DC: 0-4 days/month for potential conference attendance

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Position Number: E23-45

Agency: NOAA NOS

Host Office: U.S. Integrated Ocean Observing System (IOOS) Office

Name/Title of Primary Mentor: IOOS Regional Coordinator (TBD - in hiring process)/IOOS Regional Coordinator

Co-Mentor: Krisa Arzayus

Position Title: IOOS Science & Technology Regional Ocean and Coastal Fellow

FN Welcome: No

Portfolio Summary:

Join the U.S. IOOS Office in the National Ocean Service! The fellow will support the IOOS Director and Deputy in several cross NOAA and interagency priority areas including Coastal Resilience, Climate Ready Nation, and Ocean and Coastal Enterprise growth (a.k.a. the New Blue Economy - <https://ioos.noaa.gov/nbe/>). The fellow will have opportunities to travel to/virtually attend conferences and IOOS Regional Association science and technology meetings and workshops.

The U.S. IOOS Office within the National Ocean Service at NOAA coordinates Integrated Ocean Observing System (IOOS®) implementation. IOOS is a national-regional partnership working to provide new tools and forecasts to improve safety, enhance the economy, and protect our environment. Integrated ocean information is available in near real time, as well as retrospectively. Easier and better access to this information is improving our ability to understand and predict coastal events - such as storms, wave heights, and sea level change. Such knowledge is needed for everything from retail to development planning.

This fellow's portfolio will focus on regional to national implementation of the IOOS mission and NOAA priorities and regional blue technology innovation hub coordination. There will be some flexibility in work portfolio topics depending upon interests of the fellow and needs of the office. Potential list of activities include:

- Regional Coordination: Assist with coordination and collaboration between the IOOS Office and the IOOS Regional Associations (RAs), including leading regional New Blue Economy efforts (e.g., coordinating Regional Blue Technology Innovation hubs).
- Staffing for Regional Engagements: Help prepare presentation materials and attend regional meetings in a support role for the Director or Deputy Director. Help translate science into action.
- Assist with the IOOS Certification process including reviews and audits of certified Regional Coastal Observing Systems.
- Provide input on the progress of RA cooperative agreements by reviewing and commenting on progress reports. Help improve service delivery and technologies.
- Provide support to the U.S. IOOS Advisory Committee [<https://ioos.noaa.gov/community/u-s-ioos-advisory-committee/>] (Federal Advisory Committee that provides advice to NOAA Assistant Administrator and the Interagency Ocean Observing Committee) by helping plan and facilitate working group meetings and public meetings.

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- Serve as the IOOS representative for the NOS Arctic Team. Help coordinate regional, national, and international capabilities with AOOS.
- Engage with staff to coordinate and develop responses to NOS requests for information to support NOS and NOAA leadership (in coordination with the other Knauss Fellow in the office).
- Support IOOS Program Managers with special projects (e.g., National Harmful Algal Bloom Observing Network (NHABON) implementation, hurricane glider efforts, etc.)

Expertise Desired:

- Strong Communicator
- Experience with coastal, ocean, and/or great lakes data and information services
- Comfortable working in a fast paced office and on a team
- Willing to take initiative and work with senior leadership

Offices Goals and Duties:

IOOS Mission:

To produce, integrate, and communicate high quality ocean, coastal and Great Lakes information that meets the safety, economic, and stewardship needs of the Nation.

IOOS is committed to meeting the Nation's needs for ocean, coastal, and Great Lakes information through observations, data management, data analysis, and user-driven products. The IOOS Enterprise is expanding the focus on end-user experiences and building on the strong, sustained partnerships that are the core of IOOS. This fellowship will serve as a key role in advancing and sustaining cross-NOAA and interagency partnerships, as well as support initiatives to support the IOOS Enterprise and the Blue Economy.

Goals for the fellowship include enhancing partnerships for National Ocean Service priorities for coastal resilience, climate services, and the Blue Economy, and supporting issues related to sea level rise, coastal inundation and other coastal hazards. We aim to match IOOS goals and duties with the fellow's professional goals. We do this intentionally by adding the fellow to multiple different projects related to the IOOS Regions, Weather Service, Ocean and Atmospheric Research, and other partners where they can be a part of different teams and get exposure to a variety of NOAA programs.

Day in the Life:

Working within the IOOS Office provides a mixture of 3,000-30,000' level experiences. This position allows the fellow to follow and engage with cross-agency initiatives (NOAA and external) under the Director's supervision. This provides a broad range of exposure and experience with executive leadership while highlighting how federal agencies operate and collaborate across topic areas and research themes. Additionally, the fellow will have the opportunity to engage with the IOOS Regional Associations which provide a network of non-federal partnerships to connect local stakeholder needs, ongoing research, and funding pathways that is a unique opportunity offered within the structure of IOOS.

According to the fellow's interests, they will have the opportunity to support or lead projects within the office or through external partnerships. Examples of ongoing work include workshop development, writing (e.g., research to operation plan, congressional milestones, and responses to NOS requests), and

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serving as an IOOS representative with partnering initiatives (e.g., Department of Energy's Ocean Observing Prize competition; New Blue Economy).

A typical day for the fellow will include a mixture of these activities. This will largely be dependent on the fellow's interests, preferences, and objectives within their portfolio for their Knauss experience. The fellow will have the opportunity to collaborate across the office according to project involvement and will have the unique opportunity to work with both divisions within the Office. There is typically an even split each week between individual work and teamwork, allowing the fellow to gain experience in both pathways. Despite the current uncertainty with travel, the IOOS Office is proficient in providing excellent support and opportunities to allow for engagement through telework, without hindering the mission or objectives within the fellow's portfolio.

Office Culture:

The IOOS Office is a place of collaboration and partnership. Our mission of producing, integrating, and communicating high quality ocean, coastal, and Great Lakes data is rooted in the commitment of working together to provide critical information to meet the needs of stakeholders and decision makers. We provide value and service to the nation, aspire to achieve organizational excellence in all that we do, and engage in purposeful partnerships to achieve the mission.

Our Culture:

- We will work with Integrity and responsibility, as core values for public trust.
- We will treat each other with dignity and respect at all times.
- We will maintain the highest standards of integrity and professional conduct and we will be sensitive to perception as well as fact.
- We will strive to be transparent in all our decisions unless restricted by budget or other administrative rules.
- We will be trustworthy, dependable, and reliable and will be prudent managers of resources. The effective use of our time is particularly important.
- We will provide highly responsive, quality products and services to our partners and customers.
- We will be receptive to opportunities for change, innovation, creativity and new learning that encourages success at every level.
- We will strive to excel as a team which includes being respectful of staff workloads and being willing to take something off someone's plate, as new priorities are added.

We are committed to ensuring that we seek to have a diverse workforce with a diverse set of skills. We will have an inclusive work environment that ensures equal opportunity, and empowers individuals to participate constructively to their fullest potential. Inclusion means welcoming different perspectives and understanding these differences can provide new ways to view challenges. The power of collective intelligence is greater than the sum of its parts; each of us has unique contributions to make. We will continue to advance the NOAA Diversity and Inclusion Strategy and will work with our partners to advance D&I objectives across the IOOS enterprise.

Office Location: Silver Spring, MD

Current Office Work Situation: 1-2 days in the office and 3-4 days telework (flexible approach)

Travel within DC: Up to 3 days per month dependent on COVID or travel restrictions.

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Travel Outside of DC: Up to 3 days every other month per month dependent on COVID or travel restrictions..

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Position Number: E23-46

Agency: NOAA

Host Office: UxS Research Transition Office

Name/Title of Primary Mentor: Bryan Cole/Director Uncrewed Systems Research Transition Office

Co-Mentor: Fiona Horsfall

Position Title: Uncrewed Systems R&D

FN Welcome: Yes

Portfolio Summary:

The Fellow will be supporting the UxS Research Transition Office in the development and application of UxS to support broad swaths of NOAA's mission. From the top of the atmosphere to the bottom of the ocean, UxS have the potential to transform the way NOAA meets its mission. The office supports the projects of UxS users across NOAA to develop, test, and demonstrate the capacity of UxS to meet many missions.

Expertise Desired:

Much of our work is done remotely. Experience with UxS is desired, but not essential to the position. If desired, we can support the Fellow getting certified to fly UAS.

Offices Goals and Duties:

The Uncrewed Systems Research Transition Office has the mission of advancing NOAA's R&D and application of UxS by supporting collaborations with the private sector, academia, state governments, and other Federal Agencies in the testing and development of these technologies.

Day in the Life:

This position will support high level activities across broad sections of NOAA's mission. Project leads are the subject matter experts, where our office funds, supports and connects PIs in their goals for UxS.

Office Culture:

Office culture is work hard / play hard. We like to have fun and have lots of work to do. Many of the people we work with regularly are distributed across the country, though the office is based in Silver Spring.

Office Location: Silver Spring

Current Office Work Situation: Maximal telework with remote work possible

Travel within DC: ~0

Travel Outside of DC: 1-5 (variable)

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Position Number: E23-47

Agency: NOAA NOS

Host Office: U.S. Integrated Ocean Observing System (IOOS) Office

Name/Title of Primary Mentor: Carl Gouldman/Director

Co-Mentor: Krisa Arzayus

Position Title: IOOS Science & Technology Ocean and Coastal Enterprise Fellow

FN Welcome: No

Portfolio Summary:

Join the U.S. IOOS Office in the National Ocean Service! The fellow will support the IOOS Director and Deputy in several cross NOAA and interagency priority areas including Coastal Resilience, Climate Ready Nation, and Ocean and Coastal Enterprise growth (a.k.a. the New Blue Economy - <https://ioos.noaa.gov/nbe/>). The fellow will have opportunities to travel to/virtually attend conferences and IOOS Regional Association science and technology meetings and workshops.

The U.S. IOOS Office within the National Ocean Service at NOAA coordinates Integrated Ocean Observing System (IOOS®) implementation. IOOS is a national-regional partnership working to provide new tools and forecasts to improve safety, enhance the economy, and protect our environment. Integrated ocean information is available in near real time, as well as retrospectively. Easier and better access to this information is improving our ability to understand and predict coastal events - such as storms, wave heights, and sea level change. Such knowledge is needed for everything from retail to development planning.

This fellow's portfolio will focus on supporting IOOS and NOAA to accelerate the growth of the New Blue Economy on national to global scales. There will be some flexibility in work portfolio topics depending upon interests of the fellow and needs of the office. Potential list of activities include:

- Support the NOS New Blue Economy team: Coordinate aspects of the NOAA New Blue Economy portfolio from regional to national levels, position IOOS and NOS to best support NOAA's New Blue Economy priorities, and engage with stakeholders from various sectors (i.e., industry, NGOs, academia, tribal partners, and other government agencies).

- Support development of the Benefits of Ocean Observations Catalog (BOOC)

[<https://ioos.noaa.gov/ioos-in-action/benefits-of-ocean-observing-catalog/>]: Help operationalize a GIS/web-based tool to collect, peer review, collate, catalog, and search use cases describing the specific benefits of ocean observations.

- Assist with implementation of the NOAA Water Initiative (NWI) and serve as executive secretariat to the National Ocean Service team for the NWI.

- Support IOOS' coordination efforts with the Global Ocean Monitoring and Observation (GOMO) Program and the IOOS Director in his role as Chair of the Global Ocean Observing System (GOOS) Regional Alliance Council and on activities supporting the UN Decade of Ocean Science for Sustainable Development.

- Build strategies to implement the Coordinated Ocean Observations and Research Act (COORA) and the Weather Act from the National Ocean Service - includes supporting the Director in his role on the

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Environmental Information Services Working Group (Federal Advisory Committee working group reporting to the NOAA Science Advisory Board)

- Support Director to coordinate IOOS & NOAA-wide participation in the Department of Energy 'powering the blue economy: ocean observations prize' competition.
- Serve as the IOOS representative for the NOS Intertribal Team.
- Engage with staff to coordinate and develop responses to NOS requests for information to support NOS and NOAA leadership (in coordination with the other Knauss Fellow in the office).
- Support IOOS Program Managers with special projects (e.g., National Harmful Algal Bloom Observing Network (NHABON) implementation, hurricane glider efforts, etc.)

Expertise Desired:

- Strong Communicator
- Experience with coastal, ocean, and/or great lakes data and information services
- Comfortable working in a fast paced office and on a team
- Willing to take initiative and work with senior leadership

Offices Goals and Duties:

IOOS Mission:

To produce, integrate, and communicate high quality ocean, coastal and Great Lakes information that meets the safety, economic, and stewardship needs of the Nation.

IOOS is committed to meeting the Nation's needs for ocean, coastal, and Great Lakes information through observations, data management, data analysis, and user-driven products. The IOOS Enterprise is expanding the focus on end-user experiences and building on the strong, sustained partnerships that are the core of IOOS. This fellowship will serve as a key role in advancing and sustaining cross-NOAA and interagency partnerships, as well as support initiatives to support the IOOS Enterprise and the Blue Economy.

Goals for the fellowship include enhancing partnerships for National Ocean Service priorities for coastal resilience, climate services, and the Blue Economy, and supporting issues related to sea level rise, coastal inundation and other coastal hazards. We aim to match IOOS goals and duties with the fellow's professional goals. We do this intentionally by adding the fellow to multiple different projects related to the IOOS Regions, Weather Service, Ocean and Atmospheric Research, and other partners where they can be a part of different teams and get exposure to a variety of NOAA programs.

Day in the Life:

Working within the IOOS Office provides a mixture of 3,000-30,000' level experiences. This position allows the fellow to follow and engage with cross-agency initiatives (NOAA and external) under the Director's supervision. This provides a broad range of exposure and experience with executive leadership while highlighting how federal agencies operate and collaborate across topic areas and research themes. Additionally, the fellow will have the opportunity to engage with the IOOS Regional Associations which provide a network of non-federal partnerships to connect local stakeholder needs,

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ongoing research, and funding pathways that is a unique opportunity offered within the structure of IOOS.

According to the fellow's interests, they will have the opportunity to support or lead projects within the office or through external partnerships. Examples of ongoing work include workshop development, writing (e.g., research to operation plan, congressional milestones, and responses to NOS requests), and serving as an IOOS representative with partnering initiatives (e.g., Department of Energy's Ocean Observing Prize competition; New Blue Economy).

A typical day for the fellow will include a mixture of these activities. This will largely be dependent on the fellow's interests, preferences, and objectives within their portfolio for their Knauss experience. The fellow will have the opportunity to collaborate across the office according to project involvement and will have the unique opportunity to work with both divisions within the Office. There is typically an even split each week between individual work and teamwork, allowing the fellow to gain experience in both pathways. Despite the current uncertainty with travel, the IOOS Office is proficient in providing excellent support and opportunities to allow for engagement through telework, without hindering the mission or objectives within the fellow's portfolio.

Office Culture:

The IOOS Office is a place of collaboration and partnership. Our mission of producing, integrating, and communicating high quality ocean, coastal, and Great Lakes data is rooted in the commitment of working together to provide critical information to meet the needs of stakeholders and decision makers. We provide value and service to the nation, aspire to achieve organizational excellence in all that we do, and engage in purposeful partnerships to achieve the mission.

Our Culture

- We will work with Integrity and responsibility, as core values for public trust.
- We will treat each other with dignity and respect at all times.
- We will maintain the highest standards of integrity and professional conduct and we will be sensitive to perception as well as fact.
- We will strive to be transparent in all our decisions unless restricted by budget or other administrative rules.
- We will be trustworthy, dependable, and reliable and will be prudent managers of resources. The effective use of our time is particularly important.
- We will provide highly responsive, quality products and services to our partners and customers.
- We will be receptive to opportunities for change, innovation, creativity and new learning that encourages success at every level.
- We will strive to excel as a team which includes being respectful of staff workloads and being willing to take something off someone's plate, as new priorities are added.

We are committed to ensuring that we seek to have a diverse workforce with a diverse set of skills. We will have an inclusive work environment that ensures equal opportunity, and empowers individuals to participate constructively to their fullest potential. Inclusion means welcoming different perspectives and understanding these differences can provide new ways to view challenges. The power of collective intelligence is greater than the sum of its parts; each of us has unique contributions to make. We will continue to advance the NOAA Diversity and Inclusion Strategy and will work with our partners to advance D&I objectives across the IOOS enterprise.

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Office Location: Silver Spring, MD

Current Office Work Situation: 1-2 days in the office and 3-4 days telework (flexible approach)

Travel within DC: Up to 3 days per month once dependent on COVID and travel restrictions.

Travel Outside of DC: Up to 3 days every other month dependent on COVID and travel restrictions

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Position Number: E23-48

Agency: NOAA NOS

Host Office: Office for Coastal Management

Name/Title of Primary Mentor: Joelle Gore/Stewardship Division Chief

Co-Mentor: Liz Mountz

Position Title: Coastal Management Analyst - Bipartisan Infrastructure Law and Coastal Habitat

FN Welcome: Yes

Portfolio Summary:

Coastal management refers to actions taken along the coast to keep residents safe, the economy sound, and natural resources functioning. This is accomplished with federal and state partnership programs. Federal legislation provides the overarching mandates; NOAA's Office for Coastal Management oversees implementation and provides technical assistance.

This will be a dynamic year for the Office for Coastal Management following unprecedented support for NOAA-led efforts to build coastal resilience through the Bipartisan Infrastructure Law. The Fellow will interact with Office leadership and our diverse partners to support the coastal conservation, restoration, and resilience priorities identified in these Acts. As part of the Stewardship Division, the Fellow will support projects and activities for three of the Office's major partnership programs:

- National Coastal Zone Management Program – A unique federal and state partnership to comprehensively manage uses and resources in the nation's coastal zone. Thirty-four states have federally approved coastal management programs.
- National Estuarine Research Reserves – A network of 30 protected areas designated to protect and study estuarine ecosystems that offers science-based training and education programs and provides unique recreational and place-based learning opportunities.
- National Coastal Resilience Fund - A partnership between NOAA and the National Fish and Wildlife Foundation to restore, increase, and strengthen natural infrastructure to protect coastal communities while also enhancing habitats for fish and wildlife.

The Office for Coastal Management will administer \$776 million over five years to support coastal restoration and conservation projects within these three programs, which provides an exciting opportunity for a fellow to gain exposure to programs, activities, policies, and partners across three national programs.. The Fellow will have latitude to develop projects in topics and geographic areas of interest, and can spend limited time finishing degree requirements during work hours, as needed.

The Fellow will be engaged in many activities, including but not limited to:

Coastal Policy Support and Coordination: The Fellow will work with a team implementing the coastal restoration and protection (i.e. land acquisition) provisions of the Bipartisan Infrastructure Law. This includes providing technical support to partners implementing land conservation projects; supporting the development and implementation of coastal habitat and restoration performance metrics that communicate the impact of these investments to Congress, the Administration, and the public; responding to requests for information from NOAA leadership, Congressional staff, the Department of Commerce, and/or Office of Management and Budget; participating in meetings with coastal managers

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and other key partners; and supporting Office leadership with the development of briefing materials, presentations, or talking points to communicate progress and impact. This support could also involve traveling with Office leadership to relevant meetings, conferences, or other events. The Fellow will also likely assist with reviewing competitive proposals, updating the programmatic guidance for funded land conservation projects, and advancing related interagency coordination.

The Fellow would lead support for a special project to advance RAMSAR designation for several National Estuarine Research Reserves (NERRs) in order to establish these Reserves as “wetlands of international importance” under the international Convention on Wetlands--an intergovernmental treaty that provides the framework for the conservation and wise use of wetlands and their resources. The Convention’s mission is “the conservation and wise use of all wetlands through local and national actions and international cooperation, as a contribution towards achieving sustainable development throughout the world”.

Communications Support: The Fellow will work with staff to elevate and provide visibility for coastal conservation and restoration investments and activities funded by the Bipartisan Infrastructure Law. This includes working with Communications staff and other NOAA offices to develop key messages and accomplishments to be shared with the media, Congressional, and partner audiences, creating an approach and timeline for reaching those audiences, and determining the in-house experts who are best equipped to deliver the information.

Expertise Desired:

This position provides an excellent opportunity for a Fellow with a natural resource science or management, policy, or legal background, or with a science background and some policy writing experience or interest, to gain exposure to the national coastal and ocean policy arena. Strong verbal and written communication skills are essential. The Fellow should be comfortable in a fast-paced environment and be able to work remotely and independently, as well as part of a team of professional staff from all levels inside and external to the office.

Offices Goals and Duties:

NOAA’s Office for Coastal Management was founded to work with a variety of partners, from all sectors, to deliver the products, services, and programs most needed by the nation’s coastal communities. Federal legislation, including the National Coastal Zone Management Act, provides the overarching mandates; NOAA’s Office for Coastal Management oversees implementation and provides technical assistance.

This fellowship will focus specifically on the conservation and restoration priorities supported through the Bipartisan Infrastructure Law (Infrastructure Investment and Jobs Act). This legislation provides a historic investment in coastal protection and restoration that will increase community resilience to climate change and extreme weather events, and improve how we manage our ocean resources.

Day in the Life:

The Fellow will work as part of a team implementing conservation and restoration priorities funded through the Bipartisan Infrastructure Law. The Fellow will work closely with NOAA staff located in Silver

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Spring as well as those who sit in regional positions throughout the coastal states and territories. The Fellow will also likely closely interact with NOAA partners such as the state and territory Coastal Zone Management programs and the National Estuarine Research Reserves. The Fellow will work on high level conservation policy initiatives, but will also likely have the opportunity to provide policy and technical support for individual, on-the-ground coastal conservation projects.

Office Culture:

We are a collaborative office. The Fellow will support and participate in topic-based and geographically oriented teams that match their interests. We have a broad coastal management mission, so our staff has a variety of backgrounds, focus areas, and expertise. We are comfortable with remote work, we work in a fast-paced environment, and we have a culture where everyone is respected and valued, and encouraged to be nimble and creative, take initiative, and learn about and contribute to our mission. Staff at all levels are available for mentorship; we enjoy taking time to support and get to know our Fellows.

Office Location: Silver Spring, MD

Current Office Work Situation: Most of our Silver Spring office space is expected to be under reconstruction until March 2023, so the fellowship will likely start as remote work. There will be some opportunities for periodic in-person meetings with the mentor and other staff in other office space until construction is finished. Once office work is complete, the Fellow and mentor and other office staff will work part-time in shared offices and part-time telework, with schedule details to be determined. The Office for Coastal Management staff and partners are highly distributed geographically so there will be heavy use of video calls even after we return to the Silver Spring office.

Travel within DC: Covid-dependent: 2-4

Travel Outside of DC: Covid- and budget-dependent: may be an opportunity for 2-4 trips outside DC during the fellowship.

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Position Number: E23-49

Agency: NOAA NOS

Host Office: National Centers for Coastal Ocean Science

Name/Title of Primary Mentor: Tony Marshak/Environmental Scientist

Co-Mentor: David Kidwell

Position Title: Harmful Algal Bloom Science and Policy Fellow

FN Welcome: Yes

Portfolio Summary:

Join NOAA's National Centers for Coastal Ocean Science as an integral member of our Harmful Algal Bloom (HAB) and hypoxia team! We are looking for a fellow to coordinate efforts across multiple federal agencies to advance HAB and hypoxia science, management, and policy across the nation. There will also be opportunities to participate in other ancillary projects depending on the Fellow's skills, interests, and fellowship objectives.

This fellow will gain experience in Congressional engagement, scientific program management, and an understanding of stakeholder needs related to HAB and hypoxia impacts. In addition, a fellowship with NCCOS provides the opportunity to establish a strong network with staff from across NOAA, state and local agencies, federal scientists, non-governmental organizations, and academic institutions. The fellow would also work directly in science policy, with broad exposure to interagency science and management. NOAA NCCOS serves in a leadership role for national and international HAB and hypoxia research as co-chair of the Interagency Working Group on the Harmful Algal Bloom and Hypoxia Research and Control Act (IWG-HABHRCA). Together with the co-chairs and executive secretary of the IWG-HABHRCA, and its member agencies, the fellow will lead, coordinate, and help produce the following Congressionally-mandated reports and assessments:

- Interim and integrated assessments of HABs and hypoxia in the South Florida region in response to the South Florida Clean Coastal Waters Act (2022).
- Five-year scientific assessment of HABs and Hypoxia throughout U.S. marine and freshwater habitats as stipulated in HABHRCA (2017).
- Biennial Progress Reports to Congress of Federal HAB and hypoxia efforts in the Great Lakes region as stipulated in HABHRCA (2014).

Additionally, the fellow will:

- Contribute to the scoping and planning of a national HAB and hypoxia program, as overseen by NOAA and the US Environmental Protection Agency (EPA), including the identification of resource needs, performance measures, national goals, and engagement with state, local, and Tribal governments.
- Assist with regular reporting to the White House Subcommittee on Ocean Science & Technology (SOST), in collaboration with other organizations (e.g., the US National HAB Committee, the Upper Mississippi River Basin Association, UNH Coastal Response Research Center), to produce outreach materials, and to maintain the IWG-HABHRCA roster and email listserv.

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- Assume responsibility for developing materials for agency clearance of reports and, as necessary, contribute to or lead the production of other Reports to Congress as they are requested.

Expertise Desired:

Background and/or expertise with coastal/estuarine ecosystem and/or climate science preferred. Ability to effectively disseminate information to scientific and lay audiences; ability to interact with diverse individuals and groups, including a wide range of stakeholders, and policymakers. Ability to understand and translate scientific concepts and results. Strong written and oral communication skills.

Offices Goals and Duties:

The National Centers for Coastal Ocean Science (NCCOS) is a focal point for NOAA's coastal ocean science. Our goal is to make science matter by providing coastal managers with information to decide how best to protect environmental resources and public health, preserve valued habitats, and improve the way communities interact with coastal ecosystems. We prioritize the following areas:

- Advancing ecosystem science for conservation and sustainable use
- Developing and implementing observation technologies and ecological forecasts
- Facilitating resilience and adaptation to inundation and climate impacts
- Detecting, monitoring, and mitigating impacts to chemical and biological stressors
- Advancing social, economic, and behavioral approaches to coastal stewardship.

As the largest science office in NOAA's National Ocean Service, we are headquartered in Silver Spring, MD and have labs in Charleston, SC, Beaufort, NC, Oxford, MD, and Kasitsna Bay, AK. We also run a competitive grant program that helps us extend our capacity beyond our internal science.

Day in the Life:

This position will be a mix of project-specific activities (ground-level) and external/cross-office coordination and engagement (high-level). The fellow will have a suite of medium- to long-term projects within their portfolio, but will also have an opportunity to respond to short-term needs, such as Congressional requests, partner needs, and other tasks that arise expectantly. We typically vary between working independently and on teams. This position will be working directly with the IWG-HABHRCA NOAA co-chair and executive secretary, and will be collaborating with NOAA program managers, and staff scientists. There will also be opportunity to interact with external scientists and partners from across the country.

Office Culture:

NCCOS has a collaborative work environment with a culture that prioritizes scientific integrity, innovation, inclusivity, and diversity. NCCOS is committed to furthering the core values of diversity, equity, inclusion, and accessibility by creating, promoting, and sustaining a workplace where the talents of all individuals are nurtured, recognized and appreciated. We support NCCOS staff to be innovative in their area of expertise—both scientific and business operations—to achieve organizational excellence and advance scientific objectives. Finally, NCCOS remains committed to the highest standards of scientific integrity to provide science products, tools, and information that are evidence-based, free of political influence, and produced by the best available science and data.

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Office Location: Silver Spring, bldg 4

Current Office Work Situation: Currently staff are authorized to telework up to 3 days a week. Our offices are expected to be rebuilt sometime late winter/early spring of 2023 at that point there will be fewer offices available to accommodate staff and teleworking will likely increase some.

Travel within DC: flexible, 0-5

Travel Outside of DC: flexible, 0-5

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Position Number: E23-50

Agency: FEMA/CSO

Host Office: Hazard Mitigation Assistance Division, Community Infrastructure Resilience Branch

Name/Title of Primary Mentor: Janan Reilly/Emergency Management Specialist

Co-Mentor: John Ryan-Henry

Position Title: Coastal Hazards and Mitigation Specialist

FN Welcome: No

Portfolio Summary:

The Coastal Hazards and Mitigation Specialist will play a critical convening role in our ongoing partnership to integrate the work of FEMA's Hazard Mitigation Assistance (HMA) Division and the activities of the Coastal States Organization (CSO) more effectively, a non-governmental organization representing 36 state coastal management programs. This is a unique Fellowship opportunity to work jointly with a Federal Agency and a national nonprofit partnered on national- and state-level coastal policy priorities. Within FEMA's HMA Division, the Community Infrastructure Resilience (CIR) Branch promotes and supports post-disaster resilient reconstruction, helping to communicate about mitigation grant programs, review projects and applications, provide tools and training, develop policy and guidance, and ensure the successful delivery and use of mitigation funds. CSO supports state and territory leadership on shared coastal policy issues and works to improve access for coastal states, territories, and local communities to federal programs and resources.

The Fellow will act as the direct line of communication between coastal states and HMA to deliver information about FEMA's programs and funding opportunities and share coastal stakeholder feedback and priorities with FEMA staff to improve program delivery. The Fellow will:

- Lead a project to inventory and assess FEMA's nature-based solutions (NBS)-related policies and programs and associated applicant funding proposals, supporting the FEMA NBS Internal Working Group and interagency efforts to advance the use of nature-based solutions for hazard mitigation;
- Run CSO's Coastal Hazards Planning and Adaptation (CHPA) Work Group, which organizes CSO members around coastal hazards, mitigation funding, climate adaptation, and resilience planning issues;
- Manage communication and relationships with regional Public Assistance Mitigation teams, and coordinate the National Public Assistance Mitigation Monthly Coordination calls, which convenes regional PA Mitigation staff to discuss headquarters and regional updates related to PA Mitigation policy and field operations;
- Develop policy and relationships that meet the shared FEMA and CSO needs around climate adaptation, environmental justice, and cooperative federalism;
- Assist CIR program staff on policy, communication, and technical assistance including contributing to policy and guidance language, benefit-cost analyses, developing external communication materials, and participating in stakeholder meetings;
- Connect with FEMA staff across the Agency on CSO initiatives and deliver FEMA resources to coastal members and partners via CSO's platform;

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- Participate in the planning and execution of CSO's Winter and Fall Meetings, which bring members together to discuss administrative objectives, strategic priorities, and to learn directly from other partner agencies and organizations;
- Support the advancement of inter-agency partnerships between FEMA and NOAA with support from CSO and other non-profits; and
- Improve FEMA's engagement in US island territories to enhance participation in mitigation programs and resources.

The Fellow will have flexibility to develop their portfolio, based on interests and expertise.

Expertise Desired:

Facilitation, communication, and planning skills as well as subject knowledge of coastal environments are desired. Comfort and experience conveying technical material both orally and in writing for a variety of audiences are valued. Fellow will need to take the lead on their principal projects; however other work will be more collaborative. Knowledge and experience in nature-based solutions and/or hazard mitigation, especially in coastal environments, will be helpful, but there will be opportunity to learn on the job. Experience working with diverse groups, including state and local environmental managers or planners, will be helpful. Since the Fellow will be working jointly between two host offices, time management and organizational skills are important.

Offices Goals and Duties:

CIR is a multi-disciplinary team that supports stakeholders in building back better after a disaster. The team collaborates to support climate change adaptation, develop and lead trainings, create practical disaster-resilience resources, streamline grant delivery, and ensure field staff are empowered to meet the needs of communities served. CIR is enthusiastically building strong connections among internal and external stakeholders, including CSO, to achieve FEMA's vision of a prepared and resilient nation.

Day in the Life:

FEMA's HMA Division works across the Agency and with FEMA's 10 regional offices on high level (30,000-foot level) topics including coordinating with other federal agencies on mitigation and resilience initiatives, applying a consistent national approach to disaster recovery (including mitigation), and communicating with leadership about FEMA's mitigation programs and opportunities. Likewise, CSO focuses on high level (30,000-foot level) national policy issues through building consensus across coastal states and territories, cultivating resources and technical guidance that support coastal program missions, and building partnerships with federal agencies and NGO partners. Although the fellow supports and actively participates in the high level efforts of each office, roughly one third of the fellow's time will include project-related research and tasks focused on specific hazard mitigation and climate adaptation topics.

The Coastal Hazards and Mitigation Specialist will have a desk at both FEMA and CSO offices and will split time between both hosts, working on long-term projects which support the shared goals of both while also developing professional experience by taking on a role in CIR and CSO day-to-day operations. The fellow will build connections across other HMA branches and other FEMA divisions including Risk Management (Mitigation Planning, Floodplain Mapping, Building Science), and Public Assistance, as well as across partner agencies (NOAA, USACE, EPA, USGS, etc) and national non-profits. Through CIR, they will gain experience serving on a small team (eight CIR staffers) within a larger Division, integrating

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independent work into larger agency functions and strategic initiatives. As a key member of CSO's small staff office (five full-time employees and typically two or three Fellows), they will be expected to serve as a senior-level staffer responsible for implementing our hazard mitigation and climate adaptation priorities.

Office Culture:

FEMA's mission is to help people before, during, and after disasters. This mission is present in all work at FEMA and is a strong component of HMA culture. The division includes more than 200 dedicated staff across the country who work closely with federal partners and support states, local communities, tribes, and territories to reduce nationwide vulnerability to disasters and natural hazards. HMA's vision is to drive resilience through partnerships and mitigation investments, and HMA's mission is to design, build, and nurture high-performing teams that promote and deliver risk reduction programs. The HMA division at FEMA headquarters develops the programs, policy, guidance, tools, communication, and training to ensure the mitigation programs are delivered successfully to communities nationwide to build resilience.

CSO is a small, tightly knit professional office with a core full-time staff that works in partnership with members – coastal management practitioners in state and territory governments across the nation – and with national allies to achieve programmatic goals. As a nonprofit organization, CSO is able to be nimble in responding to new national policy developments, working through a flat leadership structure in consultation with our Executive Committee, and to amplify federal/state coordination efforts through policy analysis, advocacy, technical assistance, strategic communications, and partnership projects. Through this joint position, CSO and FEMA are committed to ensuring that the Fellow's work meets their professional development goals, connects them with coastal experts to build their network, and takes advantage of opportunities to pursue training and development. The host offices prioritize flexibility for the Fellow to incorporate projects and professional development activities that further their career goals. Both organizations are committed to work life balance and a collaborative culture.

Office Location: FEMA HQ: 400 C Street, SW; CSO Offices: 50 F Street, NW.

Current Office Work Situation: CSO follows DC COVID guidelines; we are currently on a weekly hybrid schedule of three days in-office and two days remote. FEMA CIR staff have a mixed team with some staff working remotely while others are in the DC area, spending approximately one day in the office per week. FEMA will not require fellows to be in the office weekly but will encourage fellows to spend time at the FEMA office for professional development and networking opportunities.

Travel within DC: Assuming an in-person work environment - FEMA and CSO offices are close to each other in downtown Washington, DC. The Fellow will spend time in both offices each week, which are both accessible via the metro (CSO-Union Station and FEMA-L'Enfant Plaza or

Travel Outside of DC: 0-5

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Position Number: E23-51

Agency: NOAA HQ

Host Office: OCFO, NOAA Budget Office

Name/Title of Primary Mentor: Beth Lamb/Deputy Budget Director

Co-Mentor: Eric Locklear

Position Title: Management Analyst

FN Welcome: Yes

Portfolio Summary:

At NOAA, program activities span the spectrum of scientific endeavors, from the surface of the sun to the depths of the ocean floor, as we work to keep the public informed of the changing environment around them. But none of this can be done without a budget. Funding is critical to carrying out NOAA's diverse mission, and it is through the NOAA Budget Office (NBO) that programs and policies are proposed, funded, and implemented.

You know that saying "put your money where your mouth is"? That's what the NOAA Budget Office does when it comes to crafting and implementing NOAA programs and policies. NBO is at the center of NOAA's efforts to identify funding needs, justify those needs to external stakeholders (i.e., Congress), and oversee the spending of funds provided by Congress. In the last year, NOAA has received \$6B (in addition to its annual \$6B budget) through the IIJA (also called the Bipartisan Infrastructure Law) and the Inflation Reduction Act (IRA) to carry out additional mission activities related to climate change, coastal resilience, weather forecasting, and research and development. This requires a great deal of coordination across NOAA's Line and Staff Offices to ensure that NOAA has a clear, cohesive, and strategic plan for spending these additional funds.

The NOAA Budget Office is looking for a Fellow to help coordinate the planning and execution of these activities across NOAA, to conduct program analysis to support senior NOAA leadership decision making, and to liaise with stakeholders at the Department of Commerce, the Office of Management & Budget, and in the private sector. In this position, the Fellow will get a front-row seat to the planning and execution of high-profile program activities that directly support the Administration's efforts to build a climate-ready nation.

Budgeting is more than just numbers and spreadsheets; foundational to NBO's success is the ability to communicate with stakeholders and partners about the objectives and importance of NOAA's programs and products. A key aspect of this position is communication: the ability to describe and advocate for NOAA's programs to a non-scientific audience, and to articulate the necessity of our programs' budget requests. This Fellow will work directly with the IIJA and IRA leads within NBO and participate in near-daily meetings with senior NOAA leadership and/or Department of Commerce leadership. The Fellow will also work closely with NOAA leadership, the Office of Legislative and Intergovernmental Affairs, and program offices to align program activities with NOAA, Administration, and Congressional strategic priorities and also ensure the effective communication of NOAA's funding requirements to DOC, OMB, and the Hill.

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Budget analysts in the NOAA Budget Office are often asked to perform program, policy, management, and legislative analysis in addition to budget analysis, requiring intellectual curiosity, drive, and perseverance. Because of this, a budget analyst is often considered a jack-of-all trades. Each analyst manages a portfolio of NOAA activities for which they must develop proficient understanding and coordinate closely with stakeholders. The portfolio for this position covers all programs funded through the IJA and IRA, which covers a broad swath of NOAA programmatic activities.

You can expect:

- Close mentoring with NOAA's financial leadership and budget policy experts;
- Engagement with NOAA's senior leadership, programmatic and scientific experts, and regional personnel;
- Strategic and tactical responsibility on the teams that build NOAA's interface with Congress and key stakeholders.
- To be viewed as a full team member in the office, and as you gain experience throughout the year, you will have an ability to branch off to focus on particular issues important to NOAA, Congress, and your own interests.

Specific responsibilities will include:

- Applying analytical techniques and critical thinking to review and prepare budget and policy materials and make recommendations to stakeholders.
- Coordinating the response to questions from key partners and stakeholders such as DOC, OMB, and Congress.
- Using data and information from a variety of sources to prepare recommendations and briefing materials for leadership.
- Providing customer service through effective communications with internal and external stakeholders.

Your experience with the NOAA Budget Office will challenge you to perform under pressure while exposing you to political savvy, the inner workings of environmental policy processes, and strategic decision making at the highest levels of NOAA.

Expertise Desired:

Prior financial/budget experience is NOT necessary.

We're looking for a Fellow with an interest in the breadth of the NOAA mission, from weather forecasting and climate science to coastal and fisheries management.

You'll need excellent critical thinking and the ability to tailor a message for various audiences and distill complex scientific language to plain language

Strong oral and written communication skills, including excellent editing skills.

Ability to learn quickly, synthesize complex new information and communicate key issues to stakeholders.

Offices Goals and Duties:

NOAA's Budget Office formulates, produces, and tracks the NOAA Budget each fiscal year. These activities include interactions with external stakeholders such as the Department of Commerce (DOC), the Office of Management and Budget (OMB), and Congress. The NOAA Budget Office is responsible for

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the preparation of NOAA's annual budget submissions, analysis of appropriations legislation, communication with stakeholders, and oversight of program spending. In addition to overseeing the annual budget process, the NOAA Budget Office also oversees the spending of "supplemental" funding, such as the Infrastructure Investment and Jobs Act (IIJA) and the Inflation Reduction Act (IRA). The NOAA Budget Office is located within the Office of the Chief Financial Officer (OCFO), which is responsible for the financial leadership of NOAA, and its primary duty is to uphold strong financial management and accountability while providing timely, accurate, and reliable financial information, and enhancing internal control. The areas under the direction of the OCFO are the Budget, Finance, and Performance, Risk, and Social Science Offices.

Day in the Life:

This position is at the 15,000-30,000 foot level - experience a mix of high level, quick turnaround tasks and longer term projects.

Prepare presentation materials for the NOAA Administrator, NOAA Budget Director, and other NOAA leadership

Correspond with program and budget analysts across the NOAA Line Offices, as well as the NOAA and Departmental policy teams

Close mentoring from NOAA's financial leadership and budget policy experts.

Engagement with NOAA's senior leadership, programmatic experts, and regional personnel.

Leading meetings, creating taskers, developing and providing guidance for program offices, and critically evaluating budget policy materials.

Strategic and tactical responsibility on the teams that build NOAA's interface with key stakeholders.

Office Culture:

The NOAA Budget Office strives for an inclusive and respectful work environment where all members of the team and diverse perspectives are valued and heard.

Teamwork and collaboration are core to our mission and operations - within NBO and with our various stakeholders, including the Line Offices and NOAA Leadership.

The NBO team supports each other and the Line Office budget teams, with whom we coordinate closely with.

NBO team members are encouraged to work independently on work materials, with assistance from other team members or supervisors as needed.

NBO team members have a strong work ethic and good sense of humor.

Office Location: SSMC-4, 1305 East West Hwy Silver Spring MD, 20910

Current Office Work Situation: The OCFO/NOAA Budget Office is currently following a 4-day telework, 1 day (Tuesday) in office schedule during Low transmission periods, and full-time telework during Medium/High COVID-19 environments, consistent with NOAA guidance.

Travel within DC: Infrequent Days/Month, occasional travel to the Hill (when not in a full telework posture due to COVID)

Travel Outside of DC: Infrequent Days/Month (when not in a full telework posture due to COVID)

Position Number: E23-52

Agency: NOAA NESDIS

Host Office: STAR

Name/Title of Primary Mentor: Alexis Wolfe/Chief of Staff

Co-Mentor: Douglas Howard

Position Title: Policy, Communications, and Engagement Fellow

FN Welcome: Yes

Portfolio Summary:

As the Policy, Communications, and Engagement Fellow, you will work directly with the STAR Chief of Staff to strategize and develop new policy, communications, and outreach programs. Roughly 75% of the Fellow's portfolio will be focused on these three areas, and the world is your oyster on what area(s) you would like to focus on. This work may include the following specific components, depending on the skills and interests of the Fellow:

- Providing input and feedback to shape the overall communications and outreach strategy of STAR
- Developing materials to communicate STAR's mission and activities to internal and external stakeholders, including building story boards, videos, or other custom materials like infographics, visual stories, and training materials.
- Preparing materials for and staffing the STAR Director on congressional and partner visits or briefings
- Assisting to identify and facilitate international and industry relationships and partnerships to advance STAR's mission.
- Building a communications strategy that demonstrates STAR's alignment with the Administration's climate and environmental policy agenda.
- Developing a STAR educational outreach program strategy and implementation plan. Establishing connections and partnerships with other NOAA educational programs.
- Reviewing NOAA and DOC policies and initiatives and identifying STAR's role in advancing mission priorities.

The remaining 25% of the fellowship year can be dedicated to an additional area of your interest (and it can be more technical...we have scientists focusing on research in every facet of the Earth System). The Fellow's mentor will ensure he/she/they will be connected to other professionals and technical experts across disciplines within and external to NOAA as relevant to the development of the Fellow's study and career interests. The Fellow will be encouraged to attend seminars and conferences and will be invited to participate in program activities.

Expertise Desired:

- Ability to effectively disseminate information to scientific and lay audiences; ability to interact with diverse individuals and groups, including a wide range of stakeholders, and policymakers.
- Ability to understand and translate scientific concepts and results.
- Strong written and oral communications skills.
- Willing (and curious) to learn about environmental remote sensing and satellites!

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- A strong desire to learn about and work at the intersection of science and policy; present new and creative ways of communicating ways of communicating relevance of science in society
- Willing to take initiative and work with senior leadership

Offices Goals and Duties:

The National Environmental Satellite Data and Information Service (NESDIS), which is NOAA's satellite line office, has a mission to operate the nation's weather satellite capabilities and provide essential weather and environmental information to decision makers, industry, media, and to the National Weather Service. Many people are familiar with our work from viewing satellite loops on news broadcasts and also on weather dedicated channels. NESDIS produces products vital to monitoring aviation, fisheries, wildfire, drought, harmful algal blooms, hurricanes, and the varied impacts of climate changes as observed from space and help maintain the U.S.' role as a world leader in environmental change monitoring.

The Center for Satellite Applications and Research (STAR) is the research arm of NOAA Satellites. Satellites send us a huge amount of information; they deliver about 95% of the data representing the state of our environment both for short-term weather forecasting and long-term climate monitoring. STAR scientists take that information, decode and interpret it, and provide it to people and organizations who need it to make key decisions for themselves, their communities, and our society. Our office brings the power of satellite remote sensing to all of NOAA's missions.

Day in the Life:

The day in the life of the Fellow will include regular contact with the mentor and greater Front Office team on projects. This position will be a mix of project-specific activities (ground-level) and external/cross-office coordination and engagement (high-level). The fellow will have a suite of medium- to long-term projects within their portfolio, but will also have an opportunity to respond to short-term needs, such as reviewing/responding to Congressional requests and reports, crafting communications and outreach products, and other tasks that tend to arise.

This position will be working directly with the STAR Chief of Staff (and most likely the new STAR Director), and will be collaborating with program and division managers, and staff scientists. There will also be ample opportunity to interact in person and virtually with scientists and partners from across the country at the Cooperative Institutes we partner with at in Maryland, Wisconsin, and Colorado.

Office Culture:

The STAR Front Office Team is small, but mighty! The fellow will be working in a team environment and will always have a colleague available to ask questions and seek guidance, bounce ideas off of, or find another set of eyes to check work. The position makes a good fit for a broad variety of backgrounds, and current team members come from various fields of study, some with PhDs in Geology and Oceanography and others with Master's degrees in Marine Policy. We are about to have a new Office Director come onboard so it's a great time to join the team and contribute new ideas!

As an office, we encourage work-life balance and have adopted no meeting Fridays. The Fellow's mentor is a STRONG advocate of abbreviated meetings or meetings that can be done while not sitting at a desk.

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STAR greatly values diversity, equity, inclusivity, and accessibility in our office. The Fellow will have the opportunity to join STAR's D&I Committee as well as, if interested, work with their mentor to advance other initiatives within the office focused on work-life balance and the hybrid work environment. The mentor also is a Co-Chair of NOAA's early-career professionals Employee Resource Group (ERG) called PEER and would be delighted for the Fellow to help coordinate activities and events with the 2023 Knauss Fellows cohort.

At STAR, fellows are considered full members of our team. All STAR team members are treated with respect and friendliness. Input and ideas from all team members are valued, with innovation and creativity embraced and celebrated. Team members are empowered to take leadership roles on activities aligned with their interests and are highly encouraged to pursue professional developmental opportunities. The mentor is a former Knauss fellow and is deeply committed to this position and realizing its full potential to the fellow and the agency.

Office Location: College Park, MD (NOAA Center for Weather and Climate Prediction)

Current Office Work Situation: We are currently working in the office three days a week

Travel within DC: 0-5 (dependent on fellow's interests)

Travel Outside of DC: 0-3 (dependent on fellow's interests)

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Position Number: E23-53

Agency: FWS

Host Office: Fish and Aquatic Conservation

Name/Title of Primary Mentor: Eric MacMillan/Branch Chief, Aquatic Habitat and Species Conservation

Co-Mentor: Shannon Boyle, Biologist, Aquatic Habitat and Species Conservation Tom McCann, Branch Chief, Communications and Partnerships Holly Richards, Outreach and Communications Specialist, Communications and Partnerships

Position Title: Science Communications Fellow, Fish and Aquatic Conservation

FN Welcome: No

Portfolio Summary:

The National Fish Passage Program within Fish and Aquatic Conservation, provides funding and technical assistance to help remove or bypass barriers and reconnect aquatic habitats that support healthy fisheries. By removing obsolete and dangerous infrastructure we eliminate public safety hazards, improve climate resilience, and restore river ecosystems. Improved infrastructure also benefits communities by saving money in long-term repair and replacement costs. Millions of obsolete or poorly designed dams, roads, and levees in the U.S. keep fish, and other aquatic species from moving freely to feed, migrate, and reproduce. These barriers disrupt healthy ecosystems and are a major cause for the decline in fish populations such as Pacific salmon, brook trout, and shad.

The Infrastructure Investment and Jobs Act, or Bipartisan Infrastructure Law, signed in November 2021, includes \$200 million for restoring fish and wildlife passage by removing in-stream barriers and providing technical assistance under the Service's National Fish Passage Program. Multiple Federal agencies also received funding for fish passage work under the Bipartisan Infrastructure Law and efforts are underway to help advance some shared goals, and to make the most of this once-in-a-generation investment in our nation's rivers, streams, and communities.

Fish and Aquatic Conservation seeks a Knauss Fellow to support science communications around the implementation of the existing and yet-to-be announced Bipartisan Infrastructure Law funded National Fish Passage Program projects (<https://www.fws.gov/program/national-fish-passage>). The fellow will track the projects from groundbreakings to ribbon-cuttings, helping to document the environmental, socio-economic, cultural, and resilience impacts for the communities. The fellow will also support efforts to develop and maintain partnerships to help the agency reach conservation goals around habitat connectivity. Following are some examples of potential activities and responsibilities; other activities and opportunities will depend on the Fellow's experience and skills.

Contribute to the development of communications strategies around BIL fish passage and connect with other Fish and Wildlife Service communications efforts.

Track project milestones for the benefit of promoting groundbreakings, ribbon cuttings and other events on social media and website content updates including the National Fish Passage Program tracker.

Content creation, documenting the connections between the barrier removal projects and reconnecting fish habitat, climate resilience, socio-economic benefits, environmental justice, and other benefits.

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Content may be used in our social media feeds, newsletters, presentations, website, media pitches, videos, annual report and other uses based on the fellow's experience.

Travel to two to three BIL fish passage sites to learn about the projects, collaborate with field staff, conduct interviews, take pictures, and shoot video for the purposes of providing first person reporting of the benefits of fish passage projects.

Develop and maintain partnerships with other Service programs and seek opportunities to improve habitat connectivity across Service lands.

Participate in inter-agency coordination efforts around fish passage and habitat connectivity.

Expertise Desired:

Background and expertise in environmental science, fish biology, communications, or journalism.

Familiarity with fish passage or aquatic habitat restoration is a plus; Experience with science outreach and communications is a plus; Excellent written and oral communication, teamwork, interpersonal, analytical, and organizational skills; Strong attention to detail; Ability to translate technical and scientific text into plain language; Ability to work independently and as a member of an interdisciplinary team and the confidence to ask questions and take on new challenges; Familiarity with Microsoft Office software (Excel, PowerPoint, Word, Teams) and Adobe Creative Suite (such as Photoshop and InDesign); Ability to prioritize workload and manage shifting priorities and multiple projects/tasks under deadline; High degree of judgment, imagination, enthusiasm, and ingenuity; Experience with GIS will be helpful; And a sense of humor, willingness to learn, and collaborate is a must!

Offices Goals and Duties:

In 2021, we celebrated the 150th anniversary of the U.S. Fish and Wildlife Service. From its inception in 1871 as the U.S. Commission of Fish and Fisheries, the Service has celebrated a long and proud history of working with others to conserve and protect the nation's fish and aquatic resources. Over the 150-year history, the mission and profile of the Service's Fish and Aquatic Conservation program has evolved from a primary focus on restoring fish stocks for commercial harvest, to conserving, restoring, and enhancing fish and other aquatic resources for the continuing benefit of the American people.

As the challenges have increased so have our tools and expertise to restore habitat, prevent and control invasive species, help manage fish and wildlife resources, foster outdoor recreational opportunities, and connect the public to America's great outdoors. The Service's aquatic conservation work is led by more than 1,200 permanent, term, and seasonal employees nationwide at 71 National Fish Hatcheries, 51 Fish and Wildlife Conservation Offices, 7 Fish Technology Centers, 6 Fish Health Centers, 1 Historic National Fish Hatchery, and the National Fish and Aquatic Conservation Archives.

Day in the Life:

The opportunity provides potential fellows with both high-level and ground-level perspectives in habitat restoration, environmental policy, and science communications. The fellow will work with FWS headquarters staff as well as staff and partners from across the country implementing fish passage projects ranging from culvert replacements to dam removals. They will work with all members of the Communications and Partnership, and Aquatic Habitat and Species Conservation Branches and contribute to communications strategies as well as develop specific stories, social media and other content curation and creation. The fellow will have opportunities to coordinate at a high level with staff from other agencies throughout the Federal government involved in aquatic habitat restoration.

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Staff typically report to the office at least once or twice a week and we will coordinate with the fellow to join in person when most of their teams are in the office to maximize face-to-face collaboration, currently Tuesdays and Wednesdays. Other days, staff telework and rely heavily on Teams for standing meetings via video calls and chats, or focused reading writing time.

Office Culture:

The USFWS Fish and Aquatic Conservation mission is to work with our partners and engage the public, using a science-based approach, to conserve, restore, and enhance fish and other aquatic resources for the continuing benefit of the American people.

Our vision is that the USFWS Headquarters Fish and Aquatic Conservation program will be a national leader in achieving sustainable populations of fish and other aquatic species, monitoring aquatic animal health, conserving and restoring aquatic habitats for the benefit of current and future generations, guarding against the impacts of aquatic invasive species, and contributing the best applied science support and policy to meet this vision.

It is a great time to be a part of the Fish and Aquatic Conservation Program. Diversity, inclusion, equity, accessibility, work-life balance, and a supportive office culture are all high priorities for our Directorate and Program leadership. HQ-FAC is committed to a new standard of work agreements that include prioritizing how staff work together in meetings, give/receive feedback, and collaborate across all six branches and with other Service programs and partners to meet our mission and fulfill our national vision. The Division is filled with a welcoming, passionate, dedicated, and innovative staff with shared values of respect, trust, communication, and a willingness to try new approaches to meet our mission. The Knauss Fellow will have direct access to Eric MacMillan, Branch Chief, Aquatic Habitat and Species Conservation and former Knauss Fellow, Shannon Boyle, Biologist, Aquatic Habitat and Species Conservation, Tom McCann, Branch Chief, Communications and Partnerships, Holly Richards, Outreach and Communications Specialist, Communications and Partnerships. The fellow will also work with External Affairs and field offices across the country. The fellow's input on strategy and execution is welcomed, expected, and valued.

Office Location: Falls Church, VA

Current Office Work Situation: HQ-FAC Program currently requires staff to report to the office at least once a week. The Fellow will coordinate with Eric MacMillan on day one. The Fellow will telework the remaining days of the week and travel will be assigned to meet specific objectives of this opportunity.

Travel within DC: 1-5

Travel Outside of DC: 1-5

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Position Number: E23-54

Agency: NOAA NOS

Host Office: Integrated Ocean and Coastal Mapping (Office of Coast Survey)

Name/Title of Primary Mentor: Ashley Chappell/IOCM Coordinator

Co-Mentor: Chrissy Hayes

Position Title: Strategic Ocean Mapping Coordinator

FN Welcome: No

Portfolio Summary:

NOAA's Integrated Ocean and Coastal Mapping (IOCM) program works across NOAA and the federal government to maximize seafloor mapping expertise and opportunities to advance the goal to "map once, use many times" and implement the National Ocean Mapping, Exploration and Characterization Strategy (NOMECS). Ocean and coastal mapping is expensive and often difficult, so we aim to efficiently plan, acquire, integrate, and distribute the data for maximum use. Sitting in the NOAA Office of Coast Survey, IOCM influence extends beyond sister agencies to include partnerships with state, local, and Tribal governments as well as academia, private sector, and other non-governmental organizations. This fellowship opportunity builds depth in both team facilitation and regional mapping coordination. Serving on the Executive Secretariat for the NOMECS Council, which reports to the U.S. Subcommittee on Ocean Science and Technology, you will support the NOMECS Council Co-chairs. Furthermore, in the last several years, regional mapping collaborations and campaigns have taken off to extend the resources of individual organizations and acquire more ocean and coastal mapping data (e.g. seafloor characteristics, depth, topography, bottom type, geology) to help decision makers protect and sustainably use these resources. Additionally, regional mapping campaigns are a key objective in the NOMECS Strategy, released in 2020, which seeks to map all coastal, ocean, and Great Lakes waters of the U.S. Exclusive Economic Zone (EEZ) by 2030 (deep waters) or 2040 (shallow waters). IOCM also supports the international mapping initiative Seabed 2030, which champions global bathymetric mapping by 2030. At 3.4 million nautical square miles, the U.S. EEZ is one of the largest in the world, but only about 50 percent has been mapped, and even less has been characterized. Mapping the EEZ is critical to ensuring navigation safety; assessing the impacts of coastal hazards; improving our understanding of ocean resources; and supporting the conservation, management, and balanced use of our oceans. IOCM is deeply committed to helping current regional campaigns advance as well as to encourage new regional campaigns. Per the NOMECS implementation plan, there are 4 basic steps to campaign planning: (1) catalog and analyze existing ocean and coastal mapping data; (2) identify mapping priorities in the region through outreach to stakeholders; (3) design and execute campaigns in manageable segments over time; and (4) track and report progress, showing measurable acquisition gains and responding to priorities. Associated with these plans is a need to include a diverse suite of funding mechanisms; advances in technology; and coordination with exploration and characterization activities to optimize the collection of complementary data. Each region is at different stages of advancement, and the IOCM team is leading both coastal and ocean mapping campaigns in Alaska, the region with the largest EEZ in the country.

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The Fellow will work with the NOMECE Council Executive Secretariat on council meeting logistics, deliverables and tasks of various types, e.g. Administration, legislative, external, outreach, and interagency IOCM teams to progress regional mapping campaigns. Duties include supporting the development of strategic mapping plans and regional mapping summits (at least two). For Alaska specifically, the Fellow will be a primary co-author of the summary report for the annual Alaska Coastal & Ocean Mapping Summit, which will be due in the December/January timeframe and added to NOAA's Institutional Repository. There is opportunity for travel and flexibility on projects, as well as opportunities to present on a topic of interest that aligns with NOMECE or mapping summit goals.

Expertise Desired:

- strong analytical and organizational skills with ability to connect multiple threads into a common operating picture;
- ability to work well with diverse groups and personalities;
- ability to work independently and within teams;
- strong written and verbal communication skills;
- ability and desire to lead projects;
- experience with geographic information systems is useful, but not essential
- experience with coastal and ocean mapping data is useful, but not essential

Offices Goals and Duties:

IOCM priorities are to facilitate and coordinate among ocean and coastal mapping partners across a broad spectrum of stakeholders, federal and external. Our mission supports missions across NOAA and the Administration, from safe navigation to coastal resilience to environmental justice and more.

Day in the Life:

This position synthesizes both high level and ground level perspectives. At a high level, you will be looking at the executive and legislative mandates to develop strategies for regional campaigns. At the ground level, you will be interacting with the National Ocean Service LO team, NOMECE Co-chairs, OSTP leads, other NOMECE Council agency representatives, various regional and national stakeholders of coastal and ocean mapping data and synthesizing their information into a common operating picture. You will help communicate across these two communities.

Office Culture:

IOCM, the Office of Coast Survey and NOS support a culture where open dialogue with leadership and staff members is encouraged, flexible schedules to accommodate personnel and professional commitments are valued, staff in Coast Survey are passionate about the mission and collaborative when it comes to projects.

Office Location: Silver Spring, MD; will consider remote

Current Office Work Situation: In office two days a week minimum

Travel within DC: 8

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Travel Outside of DC: Likely 1-2 times during the fellowship

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Position Number: E23-55

Agency: NOAA HQ

Host Office: Office of Education

Name/Title of Primary Mentor: Carrie McDougall/Senior Program Manager

Co-Mentor: Sarah Schoedinger

Position Title: Science education and legislative policy fellow

FN Welcome: Yes

Portfolio Summary:

The Knauss fellow will gain a breadth of experience through a range of projects. Time spent on individual projects will vary according to the fellow's interests and the office's needs, with opportunities for leadership on projects of particular interest. The primary mentor for the fellow will be Carrie McDougall, Senior Program Manager. The fellow will have the opportunity to do the following:

Congressional affairs

The fellow will work with the congressional affairs team to prepare and attend Congressional briefings alongside the OEd director, communicating the activities and value of NOAA Education to key Senate and House offices and committees. Some of the tasks include finding and curating NOAA education stories that impact the congress member's state or district.

Climate resilience education grants

The fellow will work at the nexus of NOAA and external educational institutions that are using innovative approaches to advance climate resilience goals. The fellow will support the Environmental Literacy Program (ELP), including grant competitions and the network of resilience education grantees.

<https://www.noaa.gov/office-education/elp/resilience-hub>

NOAA's Science On a Sphere program

NOAA's premiere data visualization technology platform, Science On a Sphere (<https://sos.noaa.gov/>) and the network of nearly 200 museum users is managed by OEd. The fellow will assist in guiding the program and contribute ideas for how NOAA's data products can best be brought to educators and the public. Examples of tasks include, developing new datasets to be displayed in the multiple SOS platforms, creating educational content associated with datasets, and visiting institutions that use SOS.

NOAA's International Ocean Literacy Efforts

The fellow will play a critical internal coordination role in support of the agency's US contributions to international Ocean Literacy efforts. Specific support will be provided to the NOAA staff charged with representing Ocean Literacy-related interests within the UN Decade of Ocean Science for Sustainable Development (AKA the UN Ocean Decade) <https://www.oceandecade.org/> and the All-Atlantic Ocean Research and Innovation Alliance <https://allatlanticocean.org/main>.

Other possible activities include:

Providing support for the NOAA Education Council, which advances NOAA-wide education priorities, identifies opportunities for collaboration among NOAA programs, and makes recommendations to NOAA leadership on all aspects of NOAA's educational activities. The fellow can also dive into other OEd initiatives as they relate to the fellow's background and interests. For example, several past fellows have

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assisted with various education-related outreach events, including those with the Smithsonian National Museum of Natural History. Our current fellow, Alfonso Macias-Tapia, is working as a liaison between the Knauss fellows and the museum to support the program “Expert is in”. Other examples of fellow-led projects include: creating a children's activity book about resilience, creating presentations for Science On a Sphere, serving as a scientist in residence at the Ocean Discovery Institute in California.

Expertise Desired:

The fellow should have these skills:

- Ability to thrive in a highly collaborative and dynamic workplace
- Excellent written and oral communication skills
- Excellent interpersonal skills
- Independent problem-solving skills

It is desirable that the fellow also have the following:

- Experience in or enthusiasm for informal and/or formal education
- Experience in translating science and policy for general audiences
- Knowledge of, or prior involvement with, environmental and/or science education programs
- Adaptability for changing work conditions that may involve telework (using multiple platforms), independent work, and in-person team work

Offices Goals and Duties:

NOAA's Office of Education (OEd) is the only office in the agency dedicated solely to advancing NOAA's mission through education. The office serves two main functions. First, the office runs programs of its own. These include: competitive grant competitions, student scholarships, partnerships with minority serving institutions (universities), and collaborative networks of educational institutions like aquariums and museums. Second, the office acts as a unifying force for other education-related initiatives embedded throughout the agency. The office brings together NOAA programs with a major focus on education—programs like National Marine Sanctuaries, Sea Grant, and the Climate Program Office—through the NOAA Education Council. There, these programs work collaboratively on projects, creating a more cohesive and effective agency-wide approach to educating the public on the NOAA sciences.

<https://www.noaa.gov/office-education/about>

Day in the Life:

A day in the life of an OEd Knauss fellow is highly varied, ranging from attending Congressional briefings with the director to internal team meetings focused on something like how to manage a competitive grants process. There is a mix of teamwork and individual work and there is an emphasis on communication, both written and oral. This position offers a unique opportunity to work on program implementation at the ground level but also to serve all of NOAA by synthesizing and summarizing what is happening agency-wide for education. The fellow will get to work on different teams within the office as well as efforts that work across the entire agency and across external networks of institutions. The fellow will get a sense of how NOAA coordinates education internally and how NOAA interacts with education stakeholders externally.

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Office Culture:

The people who work in OEd are extremely dedicated to and passionate about engaging as many people as possible in the United States in NOAA's mission. Office staff are committed to advancing NOAA's diversity, equity and inclusion goals. The office is a highly collaborative environment that supports each individual's needs and growth. We welcome fellows of various backgrounds and consider them full team members from day one. We also support open communication in the office and provide as much guidance as needed for the fellow to thrive in their work. We encourage our team members to find creative approaches, and to learn and share with each other and with office leadership.

Office Location: NOAA Campus, Silver Spring, MD

Current Office Work Situation: Most staff are doing a mix of telework and in-office (Silver Spring, MD) work, i.e., "hybrid". (For federal employees, the policy states that there must be 3 days a week of in-office work performed.) There are some staff who are permanently remote/full-time telework. The fellow would be expected to be located in the DC metro area and can elect for either a hybrid work schedule or an all in-office work schedule. However, all NOAA staff will follow NOAA's COVID safety guidelines (i.e., if COVID levels are determined to be high by the CDC, then staff will be switched to full-time telework).

Travel within DC: 3-6; highly dependent on COVID-19 pandemic situation

Travel Outside of DC: 3-6; highly dependent on COVID-19 pandemic situation

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Position Number: E23-56

Agency: NOAA HQ

Host Office: Office of Education

Name/Title of Primary Mentor: Bronwen Rice/B-WET National Coordinator

Co-Mentor: Andrea Sassard

Position Title: Science education coordination and evaluation fellow

FN Welcome: Yes

Portfolio Summary:

The Knauss fellow will gain a breadth of experience through a range of projects. Time spent on individual projects will vary according to the fellow's interests and the office's needs, with opportunities for leadership on projects of particular interest. The primary mentor for the fellow will be Bronwen Rice, B-WET National Coordinator. The fellow will have the opportunity to do the following:

Coordinating NOAA Education Policy (~50%)

The fellow will support the NOAA Education Council, which advances NOAA-wide education priorities, identifies opportunities for collaboration among NOAA programs, and makes recommendations to NOAA leadership on all aspects of NOAA's educational activities. The fellow will support Council activities through planning and executing monthly Council meetings, engage in planning and participating in presentations, brainstorming effective Council engagement strategies with OED leadership, and developing communication products that showcase NOAA Education. They will also help lead the Council's diversity and inclusion efforts and contribute to strategic communication products.

Support NOAA's B-WET program (~50%)

The fellow will support the Bay Watershed Education and Training (B-WET) program's national evaluator and B-WET regional coordinators from across NOAA and the nation on program evaluation. B-WET serves over 75,000 students and 4,000 teachers annually, providing support for science education activities and associated youth environmental action projects focused on watersheds. The fellow's activities will include: convening science and environmental education scholars; learning about research-driven culturally-responsive evaluation methodologies; engaging regional offices in data-driven decision-making about science, climate, and environmental education; and designing a new national B-WET evaluation strategy and system. The fellow will develop skills in program evaluation, strategic planning, and facilitation; applying data to education program improvement; and translating data into actionable educational practice. There will also be opportunities to learn about interagency coordination, government accountability, and performance management with regard to science and education policy and programs.

Other possible activities include:

Providing support for the following efforts: the agency's U.S. contributions to international Ocean Literacy efforts, congressional affairs, the climate resilience education grants program, and the NOAA Science On a Sphere visualization and education program, as well as opportunities to conduct site visits to regional B-WET programs and grantees.

Explore other projects as they relate to the fellow's background or interests

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The fellow can also dive into other OEd initiatives as they relate to the fellow's background and interests. For example, several past fellows have assisted with various education-related outreach events, including with the Smithsonian National Museum of Natural History. The current fellow has been working on a few projects, including a brand new Student Opportunities Database website in which students can find the best opportunity for their interests and stage in their careers, and a summary of the Education Council's programs efforts to translate outreach and communication materials into different languages.

For more information about OEd's programs visit: <https://www.noaa.gov/office-education>

Expertise Desired:

The fellow should have these skills:

Ability to thrive in a highly collaborative and dynamic workplace

Excellent written and oral communication skills

Excellent interpersonal skills

Independent problem-solving skills

Quantitative and qualitative analysis experience

It is desirable that the fellow also have the following:

Experience in or enthusiasm for informal and/or formal science education

Interest in applying social science concepts to real-world problems

Knowledge of, or prior involvement with, environmental and/or science education programs

Adaptability for changing work conditions that may involve telework (using multiple platforms), independent work, and in-person team work

Offices Goals and Duties:

NOAA's Office of Education (OEd) is the only office in the agency dedicated solely to advancing NOAA's mission through education. The office serves two main functions. First, the office runs programs of its own. These include: grant competitions, student scholarships, partnerships with minority serving institutions (universities), and collaborative networks of educational institutions like aquariums and museums. Second, the office acts as a unifying force for other education-related initiatives embedded throughout the agency. The office brings together NOAA programs with a major focus on education—programs like National Marine Sanctuaries, Sea Grant, and the Climate Program Office—through the NOAA Education Council. There, these programs work collaboratively on projects, creating a more cohesive and effective agency-wide approach to educating the public on the NOAA sciences.

<https://www.noaa.gov/office-education/about>

Day in the Life:

A day in the life of an OEd Knauss fellow is highly varied, ranging from interacting with science education grantee organizations to internal team meetings focused on evaluation and the competitive grants process. There is a mix of teamwork and individual work and there is an emphasis on communication, both written and oral. This position offers a unique opportunity to work on program implementation at the ground level but also to serve and connect with all of NOAA by synthesizing and summarizing what is happening agency-wide for education. The fellow will get to work on different teams within the office as

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well as efforts that work across the entire agency and across external networks of institutions. The fellow will get a sense of how NOAA coordinates education internally and how NOAA interacts with education stakeholders externally.

Office Culture:

The people who work in OEd are extremely dedicated to and passionate about engaging as many people as possible in the United States in NOAA's mission. Office staff are committed to advancing NOAA's diversity, equity and inclusion goals. The office is a highly collaborative environment that supports each individual's needs and growth. We welcome fellows of various backgrounds and consider them full team members from day one. We also support open communication in the office and provide as much guidance as needed for the fellow to thrive in their work. We encourage our team members to find creative approaches, and to learn and share with each other and with office leadership.

Office Location: NOAA Campus, Silver Spring, MD

Current Office Work Situation: Most staff are doing a mix of telework and in-office (Silver Spring, MD) work, i.e., "hybrid". (For federal employees, the policy states that there must be 3 days a week of in-office work performed.) There are some staff who are permanently remote/full-time telework. The fellow would be expected to be located in the DC metro area and can elect for either a hybrid work schedule or an all in-office work schedule. However, all NOAA staff will follow NOAA's COVID safety guidelines (i.e., if COVID levels are determined to be high by the CDC, then staff will be switched to full time telework).

Travel within DC: 3-6; highly dependent on COVID-19 pandemic situation

Travel Outside of DC: 3-6; highly dependent on COVID-19 pandemic situation

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Position Number: E23-57

Agency: NOAA NMFS

Host Office: NOAA Fisheries Office of the Assistant Administrator

Name/Title of Primary Mentor: Brianne Szczepanek/Chief of Staff, NOAA Fisheries

Co-Mentor: Spencer Showalter

Position Title: Special Assistant

FN Welcome: No

Portfolio Summary:

The NOAA Fisheries Front Office within the Office of the Assistant Administrator is a small, highly motivated group that enables NOAA Fisheries leadership to support our mission of providing productive and sustainable fisheries, safe sources of seafood, the recovery and conservation of protected resources, and healthy ecosystems to the nation, informed by sound science and an ecosystem-based approach to management. The Front Office is a fast-paced environment that responds directly to the priorities of agency leadership: as a team, we track and maintain momentum on sensitive and high-interest issues that impact NOAA Fisheries, our stakeholders, and the federal government; maintain open and timely communication channels with Congress, the Department of Commerce, other line offices, and NOAA Fisheries' staff; and ensure that both our leadership and staff are prepared to meet our mission.

The Knauss fellow will support many facets of the Front Office on challenging and sensitive issues, supporting leadership in addressing our key priorities, in particular in addressing the impacts of climate change on fisheries and fishing communities. The fellow will lead on developing resources for NOAA Fisheries staff and leadership on high-interest issues for the agency and the Department of Commerce. Additionally, the fellow may help to prepare the Assistant Administrator for Fisheries for official travel, and support other Front Office advisors on their portfolios as the fellow is interested and as issues arise. This fellow will have the opportunity to interact and engage with NOAA Fisheries Leadership and connect on a wide array of topics throughout the year.

Expertise Desired:

We are seeking fellows who have a background in fisheries, protected resources, marine biology or natural resource management. However, more importantly, we are seeking a highly motivated, proactive fellow who is excited to dive into sensitive and challenging issues. A front office fellow will need to work both independently and as part of a fast-paced team, and will be expected to take initiative as we work to solve the ever-changing challenges that the front office faces on a daily basis. Specifically, we are seeking a very organized fellow with strong oral and written communication skills, strong interpersonal skills, and the ability to prioritize competing work priorities in a fast-paced environment.

Offices Goals and Duties:

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NOAA Fisheries is responsible for the stewardship of the nation's ocean resources and their habitat. We provide vital services for the nation: productive and sustainable fisheries, safe sources of seafood, the recovery and conservation of protected resources, and healthy ecosystems—all backed by sound science and an ecosystem-based approach to management. The Office of the Assistant Administrator is a fast-paced environment that responds directly to the priorities of agency leadership, and serves as both the conduit between NOAA Fisheries and NOAA, Congress, interagency partners, and stakeholders, and as the driving force to pursue NOAA Fisheries' priorities and core mission.

Day in the Life:

A day in the life of the NOAA Fisheries Front office team will vary from rapid responses on high-interest topics and issues that crop up unexpectedly, to formulating and implementing longer term strategies on NOAA Fisheries priorities. The fellow will engage with senior NOAA Fisheries leadership in each of our offices, as well as with the Assistant Administrator and the Deputy Assistant Administrators, and leadership across NOAA and DOC. The fellow will participate in meetings, manage incoming requests on the issues in their portfolio, draft analyses of the movement of NOAA Fisheries priorities in different fora, and work closely with the Front Office team to solve complicated issues.

Office Culture:

The NOAA Fisheries Front Office embraces fundamental principles of diversity, equity and inclusion and employs a collaborative and mutually supportive work environment where staff are empowered to excel. We welcome a diversity of views and perspectives on approaches to achieve our overarching goal of providing scientifically sound, productive and sustainable fisheries, safe sources of seafood, and healthy ecosystems.

Office Location: Silver Spring, MD

Current Office Work Situation: Our staff are working in person on average three days per week.

Travel within DC: 1-5 days per month for interagency meetings and other events

Travel Outside of DC: Likely less than 2 days per month but depends on activities and projects

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Position Number: E23-58

Agency: NOAA NWS

Host Office: Weather Program Office

Name/Title of Primary Mentor: Renee Richardson/Program Coordinator

Co-Mentor: Christine Bassett

Position Title: Weather-to-Climate Connections Fellow (Program Coordinator)

FN Welcome: Yes

Portfolio Summary:

We are excited to invite you to join the Weather Program Office (WPO)! As the Weather-to-Climate Connections Fellow, you will serve as an integral part of WPO's effort to support NOAA's initiative to build a Climate-Ready Nation. The fellow will work with WPO program managers to support an earth-system-approach for weather research to expand NOAA's role in providing authoritative minutes-to-months forecasts and decision support. This position will provide Fellows with a unique opportunity to directly engage in WPO's external grant competitions, Weather Enterprise partnerships, and intra- and interagency coordination activities. The Fellow will primarily support two activity areas: 1) Extreme Maritime Weather and 2) Subseasonal-to-Seasonal Prediction (S2S). In addition, the Fellow will have the freedom to define other activities as their interests and time permit.

Extreme Maritime Weather:

The WPO Observations and Disaster Supplemental Programs support research that improves forecasts of extreme and high-impact weather and water events. Fellow activities will include:

- Coordinating transition plans, i.e. pathways for operational implementation, for Fiscal Year 2023 (FY23) marine observation technology projects
- Leading high-level written communication of research outcomes for ocean and coastal related projects aiming to tackle operational challenges
- Coordinating the Bipartisan Infrastructure Law (BIL) Provision 3, specifically the Service -Delivery/Social, Behavioral, and Economic Sciences (SD/SBES) portion of the coastal and inland flood inundation mapping and forecasting improvements
- Planning and executing Quarterly Project Reviews (QPR) for Disaster Supplemental funded projects and synthesizing QPR key points for high-level reports to the NOAA Program Management Council
- Gaining exposure to program management and coordination through shadowing WPO program managers

Subseasonal-to-Seasonal Prediction:

WPO's Subseasonal-to-Seasonal (S2S) Program works to advance and evaluate a seamless weather-to-climate forecast system that improves S2S predictions at actionable scales and study modes of variability across weather and climate timescales. Fellow activities will include:

- Engaging with scientists and coordinating the drafting of the Western States Hydroclimatological Changes report to Congress across NOAA labs and Weather portfolios
- Participating in WPO's coordination activities for the Interagency Council for Advancing Meteorological Services Committee for Research Innovations working groups

Expertise Desired:

- A scientific background with a general understanding of the interconnectedness of the Earth system would be helpful but is not required.
- An interest in weather, climate, and bridging the temporal gap between the two
- Ability to work independently and take initiative to lead projects but also work collaboratively as part of a team
- Time management and organizational skills
- Strong oral and written communication skills
- Enthusiasm and motivation to advance the mission of WPO
- Willingness to learn and expand your horizons! Bring your curiosity!

Offices Goals and Duties:

The frequency and magnitude of extreme weather and water events such as hurricanes, coastal inundation, extreme precipitation and drought, and wildfires are projected to increase as a result of our changing climate. WPO’s mission is to advance collaborative weather research from short-range out to two years and transition products and services that provide actionable weather information for all. Authorized by the Weather Research and Forecasting Innovation Act of 2017, WPO prioritizes innovative weather and subseasonal-to-seasonal research that improves observations, modeling, computing, forecasts, and warnings to promote a Weather- and Climate-Ready Nation.

Day in the Life:

Within WPO, programmatic efforts occur at around a 15,000 foot level, with the opportunity to climb higher or lower depending on the activity. Activities relevant to this position with a higher-level view include writing and developing the Western States Hydroclimatological Changes report to Congress, supporting the Interagency Council for Advancing Meteorological Services (ICAMS), and engaging with the Disaster Supplemental Appropriations intra-agency executive team. Relevant activities closer to ground level include: engaging with stakeholders to pinpoint observational needs within the weather enterprise, developing official transition documentation for currently funded projects to enter operations, monitoring progress of funded research, working on long-term initiatives, and responding to quick turnaround tasks.

Office Culture:

At WPO, we promote a relaxed, collaborative, and inquisitive atmosphere. WPO currently employs 41 people but we work in tight-knit programs of no more than 5 team members. As a Fellow, you can expect to be treated, respected, and valued as a full team member. Your mentors are two previous Knauss fellows that want you to gain the most out of your fellowship year—just as they did! As mentors, they value an “open door” policy and adaptive mentoring style that will encourage your curiosity and foster your policy expertise during your tenure. Finally, WPO is committed to justice, equity, diversity, inclusion, and accessibility and we acknowledge the importance of continuous growth in our office’s capacity to engage in and promote thoughtful and equitable science policy and administration.

Office Location: 1315 East-West Highway, SSMC3, Silver Spring, MD

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Current Office Work Situation: WPO allows for work in-person; however, the majority of staff currently use maximum telework privileges. Both mentors work under 100% remote agreements, but hold flexibility to work in-person as needed. The Fellow will work with WPO Program Managers and co-mentors to develop a situationally appropriate telework agreement.

Travel within DC: 1-3 days per month

Travel Outside of DC: 1-3 days per month

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Position Number: E23-59

Agency: NOAA NMFS

Host Office: Office of Protected Resources

Name/Title of Primary Mentor: Catherine Marzin/Deputy Office Director

Co-Mentor: Larissa Plants

Position Title: Special Advisor to the OPR Office Director

FN Welcome: Yes

Portfolio Summary:

Eager to contribute to the conservation and recovery of threatened and endangered marine animals? Want to better understand how NOAA Fisheries works with other federal agencies, partners, and stakeholders on hot button topics such as wind energy, North Atlantic right whale protection, stranded marine mammals and sea turtles, fisheries interactions, and much more? If so, then this is an ideal fellowship for you!

The Office of Protected Resources Special Advisor to the Director Fellow will sit at the center of the complex and important intersection between policy, research, and management. The Office of Protected Resources works with NOAA Fisheries' Regions and Science Centers to recover and conserve marine and anadromous species protected under the Endangered Species Act (ESA) and the Marine Mammal Protection Act (MMPA). This fellowship experience will allow the Protected Resources Special Advisor to the Director Fellow to gain a broad understanding of how these many entities work together to support our mission to conserve and recover protected species.

The Protected Resources Program Fellow will use their science-based foundation to gain experience drilling down complex messages into a variety of formats to reach many audiences, including NOAA and executive branch leadership, Congress, federal and non-federal partners, community leaders, and the general public. Projects will involve gathering information, condensing and summarizing information based on audience needs and product goals, developing products to highlight the information, delivering effective communication products, and tracking impact.

Assignments may include:

- Directly supporting the Office Director through staffing at meetings.
- Directly supporting the Director and Deputy Director with special projects related to management and policy initiatives. Projects may depend on the fellow's interests, but could include drafting stories on climate impacts to protected species.
- Working closely with the Director and Deputy Director to prepare for meetings and presentation activities by developing agendas, presentation slides and talking points, as well as arranging logistics.
- Researching and developing recommendations to solve programmatic and communication issues to conserve marine mammals and recover threatened and endangered species.
- Preparing guidance documents and communication materials highlighting both the work of the Office of Protected Resources and that of our partners.
- Preparing briefing papers and other materials that support visibility and awareness about protected species for Administration and Congressional briefings.

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All of these responsibilities will involve working closely with the Office Director, Deputy Director, and Chief of Staff (the fellow will report directly to the Deputy Office Director). The Fellow will also interact with NOAA Fisheries headquarters staff and regional staff, both within the Protected Resources Program area as well as other offices in NOAA.

This is an ideal position for those seeking to get a front row seat on endangered species and marine mammal conservation, recovery, and management. You will work directly with senior leadership to learn how policy decisions are made including using best-available science, drafting proposed and final rules, working with partners, and finalizing policy.

Expertise Desired:

The Special Advisor to the Director should have the ability to think and work across disciplines and issues. The Fellow should have excellent writing skills, good oral communication skills and be well suited to working collaboratively in a team environment while remaining level-headed and flexible in unpredictable, fast-paced programs. Creative problem-solving skills are also valued. Specific projects will vary depending upon expertise of the Fellow and the high priority needs of the office. In general, the Fellow should have a background in marine science and policy.

Offices Goals and Duties:

Recovering and protecting marine species is one of three primary goals of NOAA Fisheries. The mission of the Office of Protected Resources is to recover and conserve marine and anadromous species protected under the Endangered Species Act (ESA) and the Marine Mammal Protection Act (MMPA). The Office of Protected Resources provides leadership, through national guidance and policy as well as strategic programmatic and budgetary planning for NOAA Fisheries' protected resources program. The office also implements specific programs under the ESA and MMPA including ESA listing and recovery, environmental compliance under the ESA and MMPA, and overseeing the Marine Mammal Health and Stranding Response Program.

Day in the Life:

This is a high level position in the Office of Protected Resources within NOAA Fisheries. Many days will be dynamic and fast-paced. We expect that the fellow will be able to switch tasks as needed, as the day can be unpredictable. The day's work can include joining the Office Director at meetings (in person or virtual) and following up on tasks, developing presentations, and preparing briefing papers. The fellow will have time for one or more special projects about protected species recovery and conservation in collaboration with others in the office.

The fellow will work with a collaborative team, most directly with other staff who work in the Protected Resources Office Directorate, and also with others in the office. The fellow will also interact with other offices across NOAA including the Office of Science and Technology, Office of Sustainable Fisheries, Office of National Marine Sanctuaries, and NOAA Fisheries regions and science centers. As well as other federal agencies such as the U.S. Fish and Wildlife Service, the Marine Mammal Commission, and the Bureau of Ocean Energy.

Office Culture:

OPR is an office of passionate people who care deeply about our mission to recover and conserve protected species. Employees are encouraged to explore the full potential of their skill sets, and to grow

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in their positions. The work can be demanding, and we encourage staff to have a healthy work-life balance including taking time off as needed to prevent burnout. The office Director and Deputy have a transparent, collaborative, and inclusive leadership style. Leadership in the office value trust, integrity, teamwork, and respect within the workplace. We also like to celebrate successes and have interactive activities in the office to create a positive and motivating environment. Hopefully, we will be able to return to some in-person activities over the next year.

Office Location: Silver Spring, MD

Current Office Work Situation: OPR staff can currently telework 2 days per week

Travel within DC: 1-2

Travel Outside of DC: 2-5

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Position Number: E23-60

Agency: USGS

Host Office: Midcontinent Regional Office - Great Lakes Program

Name/Title of Primary Mentor: Jon Hortness/Great Lakes Program Coordinator

Co-Mentor: Rob Thieler

Position Title: Great Lakes Coastal Program Specialist

FN Welcome: No

Portfolio Summary:

The USGS Coastal and Marine Hazards and Resources Program (CMHRP) is the primary federal marine geology and physical science research program in the country. The Program's scientists and staff study coastal and ocean resources and processes from shorelines and estuaries to the continental shelf and deep sea, including all the major ocean basins and the Great Lakes.

A major component of this position will be to communicate and collaborate with leadership and staff from multiple federal Agencies to support coastal priorities under the Great Lakes Restoration Initiative (GLRI). Outcomes of these collaborations could include the implementation of multi-Agency coastal projects funded by the GLRI to support stakeholder needs and priorities. Typical agency partners for coastal topics include NOAA, USACE, and USEPA. Typical stakeholders include, but are not limited to, State coastal programs and the Coastal States Organization.

As part of the CMHRP and GLRI efforts within USGS and DOI, the Fellow would enhance and synergize federal coastal efforts in the Great Lakes. This would include the following:

- Aid in the development and management of the Great Lakes coastal science and stakeholder engagement portfolio focused on developing and executing a strategy for a body of research to evaluate and minimize impacts of coastal hazards on communities and other Great Lakes users
- Identifying possible synergies between USGS coastal science expertise and other Agency program needs and priorities, including, but not limited to, federal Agency efforts under the GLRI and state coastal program efforts mitigate coastal hazards.
- Developing materials to communicate the Program's mission and activities in the Great Lakes to internal and external stakeholders
- Assisting the program in meeting other needs of internal and external stakeholders as they arise
- Other duties as required

Expertise Desired:

- Strong oral and written communication skills
- Strong organizational skills
- Ability to communicate technical and scientific material to a variety of audiences concisely, both orally
- and in writing
- Ability to work in a team setting

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- Familiarity with science, policy, and/or management related to Great Lakes coastal issues is a plus

Offices Goals and Duties:

The USGS Coastal and Marine Hazards and Resources Program scientists and staff study coastal and ocean resources and processes from shorelines and estuaries to the offshore areas of the oceans and the Great Lakes. Coastal change poses substantial risks to coastal communities across the nation. Powerful storms generate surge, waves, and currents that can move large amounts of sediment; destroy roads, buildings, and other critical infrastructure; and alter natural habitats. The USGS performs a range of studies that document, assess, and model coastal change, and vulnerability. These studies include historical shoreline change, and the geologic structure and history of coastal regions, sediment supply and transport, sea-level rise and lake-level change, and how extreme storm events affect frequency, magnitude, and impacts of coastal change.

Day in the Life:

Fellows will be working across a range of groups and levels, from small internal teams, across offices within USGS, to coordinate and identify partnership across a suite of government agencies. Day-to-day duties could vary greatly but will likely include participating in team goal planning, receiving updates on funded USGS and GLRI research and projects, helping to plan for future efforts focusing on Great Lakes coastal areas.

Office Culture:

USGS establishes itself as a leader in environmental sciences. Career advancement is based on creativity and productivity. USGS values inclusion, equity, and employee engagement. USGS employees are dedicated professionals and great teammates and the leadership team is highly skilled and supportive.

Office Location: Specific location TBD based on Covid-19 restrictions and other considerations

Current Office Work Situation: Staff are currently teleworking some portion of the time. This position would be open for 100% telework as necessary. Attendance at specific meeting, workshops, conferences, etc... would be expected, depending on Covid-19 restrictions at the time.

Travel within DC: Likely less than 3 days per month for interagency meetings and other events

Travel Outside of DC: Likely less than 5 days per month, but depends on activities and meetings

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Position Number: E23-61

Agency: NOAA OAR

Host Office: National Sea Grant Office

Name/Title of Primary Mentor: Alison Krepp/Sea Grant Social Science and Economics Lead

Co-Mentor: Gina Eosco

Position Title: Social Science Policy and Planning Liaison

FN Welcome: Yes

Portfolio Summary:

The societal utility of NOAA's research is enhanced by our ability to (1) advance the integration of the social sciences into agency and program level policy, planning, and organizational structures and (2) support innovative research in the social, behavioral, and economic sciences. These capacities are essential to transition research to application, understand end-user needs, and measure societal impacts. Recent legislative mandates, Administration priorities, and NOAA's 2020-2026 Research and Development Vision and Strategy clearly state the relevancy of the social sciences to meet present and future needs but the foundational work needed for NOAA's success is in its early stages.

NOAA's Office of Oceanic and Atmospheric Research (OAR), the National Sea Grant Office (NSGO), and Weather Program Office (WPO) are seeking a Social Science Policy and Planning Liaison to (1) increase capacity, (2) advance coordination, and (3) support priority efforts for integrating the social sciences at NOAA and within OAR.

This position will provide an interdisciplinary and high-level perspective on how and where the social sciences fit into policy, planning, and research needs across a diverse portfolio of weather, ocean, climate, and coastal priorities. A key element of this portfolio is close collaboration with the co-chairs of the NOAA Social Science Committee and serving as our 'go-to' for networking and engagement within OAR, across program and line offices and with NOAA headquarters on strategic and cross-cutting issues related to social science research, policy, and data needs.

Specific duties may include:

- Assist and advise on policy development, cross-committee coordination, program planning and assessment as well as strategy implementation
- Participation in and building bridges with high-level NOAA committees, engaging with program and laboratory staff
- Preparing briefing papers on research investments and need, including those needs expressed by the host program offices
- Advancing data collection policies and procedures
- Supporting planning and processes for measuring societal impact (e.g., transition planning, research to application, economic valuation)

The Social Science Policy and Planning Liaison will be co-mentored by Alison Krepp (National Sea Grant Office Social Science and Economics Lead) and Gina Eosco (Weather Program Office, Social Science Program Manager), who are also the co-chairs of the NOAA Social Science Committee (SSC).

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This position is well-suited for an individual with an interest in gaining a high level of familiarity and appreciation for the breadth of the NOAA mission, advancing interdisciplinary approaches, and learning firsthand the opportunities (and complexities) at the intersection of public administration and science application.

Expertise Desired:

This position requires the fellow to be organized and flexible, manage time well, prioritize tasks, and possess an enthusiasm for thinking and working across multiple disciplines.

The fellow should have these skills:

- Ability to thrive in a highly collaborative and dynamic workplace
- Excellent written and oral communication skills
- Excellent interpersonal and communication skills
- Adept at gathering and synthesizing information
- Independent problem-solving skills

It is desirable that the fellow also have the following:

-Familiarity with and/or background (does not need to be a degree) in the social, behavioral, and/or economic sciences

-Interest in interdisciplinary approaches and teams

-Adaptability for changing work conditions that may involve telework (using multiple platforms), independent work, and in-person team work

-An understanding of, or a willingness to learn about, institutional structures and participatory process

Offices Goals and Duties:

Success in achieving NOAA's vision of science, service, and stewardship depends on improving our ability to integrate the biological, physical, and social sciences in our work and enhancing our capacity for interdisciplinary approaches. NOAA's Office of Oceanic and Atmospheric Research (OAR), provides the research foundation needed to understand the complex systems that support our planet and impact communities. OAR supports unbiased science to better understand and manage impacts from the environment and then transitions those results so they are useful to society. The National Sea Grant Office and Weather Program Office sit within OAR and implement this vision through research, end-user engagement, and program partnerships.

National Sea Grant Office

We focus on collaboration and partnership building. Sea Grant serves America's communities along the coasts of the Atlantic, Pacific, Gulf of Mexico, Great Lakes and the United States' territories. To address issues that face coastal communities, Sea Grant provides the information, tools and services to ensure coastal communities are sustainable. Sea Grant integrates research, education, and extension to highlight the vital connections between our watersheds, coastal and ocean ecosystems and the well-being of the nation's coastal communities.

Weather Program Office

The Weather Program Office works closely with the National Weather Service (NWS) to deeply understand the needs of stakeholders using NOAA's weather information to make real-time decisions in response to weather-related events. To help NWS develop and transition weather and air quality

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research, WPO supports the physical science and engineering efforts that lead to new scientific discoveries. Additionally, WPO utilizes social science to learn how to deal with the uncertainties weather presents and to inform our engagement and communication with researchers, funders, and the public.

Day in the Life:

As the Social Science Policy and Planning Liaison, you will work regularly with your co-mentors and be provided opportunities and responsibilities that will range from high-level (30,000 ft) to mid-level (10,000 ft). These tasks will range from operational (coordinating monthly meetings, data gathering) to strategic (networking, planning) and involve a range of NOAA and OAR staff from senior leadership and program managers to regional personnel and funded researchers. One goal for this year will be to develop a line-office level white paper focused on social science integration opportunities in OAR. The co-mentors will also work with the fellow to cultivate a diversity of working relationships across their respective host offices within OAR (Sea Grant and Weather Program Office), the NOAA Social Science Committee, and the Chief Economist Team as part of NOAA headquarters.

Office Culture:

This position fills a unique niche in NOAA, OAR and among the host offices. In the liaison role, the fellow will have an opportunity to have day-to-day working relationships within the National Sea Grant Office and Weather Program Office. Each office has around 25 staff members who work in a hybrid office environment. Both offices have a high degree of collegiality and share commitment to the professional growth and development of all team members.

The co-mentors are deeply committed to this position and realizing its full potential to the fellow and the agency. Gina and Alison have a history of successful collaboration and a strong record of mentorship within the Knauss and AAAS fellowship programs. Each brings a collaborative and thoughtful approach to their management styles with a dual focus on the success of the fellow and value of the organizational outcome.

Office Location: SSMC3 11th floor

Current Office Work Situation: Both offices have a strong culture of telework support, and are preparing for a hybrid in-person/telework schedule consistent with NOAA policy. Most NSGO staff are working in the office 1-2 days per week.

Travel within DC: 0-3

Travel Outside of DC: 0-3

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Position Number: E23-62

Agency: NOAA NWS

Host Office: Analyze, Forecast, and Support Office

Name/Title of Primary Mentor: Allison Allen/Director, Analyze, Forecast, and Support Office

Co-Mentor: Kenneth Langdon (AFS Executive Officer)

Position Title: Interagency and Intergovernmental Policy Advisor

FN Welcome: Yes

Portfolio Summary:

This position is located within the Analyze, Forecast, and Support Office of the National Weather Service. This office is responsible for all policy governing NWS operations across all weather types. It is also responsible for service delivery, and the strategic direction of NOAA's weather portfolio. In furtherance of this responsibility, AFS has a leadership role as the NOAA co-chair of the Committee on Services for the Interagency Council on Advancing Meteorological Services (ICAMS). The Committee on Services coordinates interagency meteorological services encompassing weather, climate, hydrological, ocean, and related environmental services. Services include all relevant activities that provide value to society whether over land, at sea or in the air. Additional information can be found at:

<https://www.icams-portal.gov/organization/services.htm> The AFS director also holds a seat on the Management Group of the Commission for Weather, Climate, Water and Related Environmental Services and Applications (SERCOM) under the World Meteorological Organization and helps to lead U.S. policy and position development on all service-related WMO topics. More information on SERCOM can be found at: <https://community.wmo.int/activity-areas/sercom> In addition, the AFS director holds a vice Chair position for the World Meteorological Organization's Standing Committee on Marine Meteorological and Oceanographic Services, which is directly responsible with addressing maritime policy and safety issues in execution of the Convention of the Safety of Life at Sea Treaty (SOLAS). More information on this Standing Committee can be found at: <https://community.wmo.int/activity-areas/sercom/sc-mmo>

The Fellow will have an exciting opportunity to analyze, advise on, and develop policy for NOAA, the U.S., and on an international level. They will work extensively across agencies and countries to advance key issues related to weather and marine science and policy. This includes planning for an international symposium on extreme maritime weather and development of U.S. policy for WMO Congress in Geneva. The Fellow will serve as primary advisor to the AFS director on SERCOM and ICAMS issues and assist in the preparation of position papers and briefing documents in support of all of these key bodies. Travel opportunities are likely, upon interest from the Fellow.

Expertise Desired:

- Strong oral communication skills, including comfort speaking in front of groups
- Strong written communication skills, including excellent editing skills
- Comfort working with diverse constituent groups

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- Excellent organizational skills and ability to multi-task
- Broad environmental, meteorological, or marine science knowledge is helpful but not necessary

Offices Goals and Duties:

The Analyze, Forecast, and Support Office of NOAA's National Weather Service is responsible for:

- Oversight of local and regional field forecast and warning services and life-saving decision support services.
- Collecting and validating requirements and maintaining policies associated with the programmatic management of 11 national service programs: tropical, space, severe, public, winter, water, marine, tsunami, fire, aviation, and climate.
- Providing support for federal agencies that need hydrometeorological data or expertise to meet their mission areas, including surface transportation, ecological forecasting, renewable energy, and health.
- Collecting and prioritizing foundational environmental data and information requirements and service needs for communities, businesses, and governments to understand and adapt to weather and climate-related risks.
- Managing the largest National Weather Service portfolio by planning, formulating, and executing a \$500M annual budget in support of all aspects of NWS field operations.
- Developing and executing a portfolio annual operating plan to ensure service programs are striving towards the Weather-Ready Nation strategic outcome.

This Office directly facilitates all policy, funding, and staffing to sustain NWS operations in order to protect life and property. It is the lead for service delivery across all weather types. Depending on the specific policy interests of the Fellow, tailoring the assignment to a specific area of AFS' broad portfolio is an option, to support the individual's development goals.

Day in the Life:

The Fellow will find themselves at an exciting nexus between the immediate office, comprised of about 65 people, the larger NWS Portfolio it supports (of about 3,000 people) and all of our interagency and international partners. On any given day, they will work on a range of topics, across different types of weather, with the backdrop of an operational environment, full of life safety decisions happening every day. The direct portfolio of the Fellow will be primarily strategic and policy-based in nature, allowing a higher-level look at how to evolve the provision of weather and ocean services through strong partnerships. They will have the opportunity to brief senior agency executives and to participate in high-level international policy discussions. This assignment will provide an opportunity to make a lasting impression on the nation's provision of weather forecast and warnings for decades to come.

Office Culture:

The AFS Office is large enough to have a lot going on while still small enough to be able to get to know your peers. It is a very collegial office, with a passionate workforce. Every individual is mission-focused on saving lives, which leads to an exciting and dynamic office culture. The predominant leadership style in the office is individual support, including mentorship and opportunities for professional development, while still providing ample space for individual exploration of solution space. There is a high degree of

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integrity in all work done by the office, and expectations are clearly conveyed and openly discussed. We are in a largely hybrid format, with the majority of individuals in the office between 1/3-1/2 of their working time.

Office Location: Silver Spring Maryland

Current Office Work Situation: AFS follows NWS and NOAA telework policies. Currently most employees telework between 60-80% of the time, with the rest of the time in the office. Work is conducted in a highly hybrid manner, with emphasis placed on inclusion to everyone has the tools that they need to be fully successful. Individual circumstances are considered with respect to telework requests and every effort is made to work with the employee to provide necessary flexibilities.

Travel within DC: 0

Travel Outside of DC: 0-5

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Position Number: E23-63

Agency: NOAA NESDIS

Host Office: NOAA CoastWatch in NESDIS/STAR/SOCD

Name/Title of Primary Mentor: Veronica Lance/Program Manager

Co-Mentor: Back up: Paul DiGiacomo

Position Title: NOAA CoastWatch/OceanWatch/PolarWatch Socio-economic Fellow

FN Welcome: No

Portfolio Summary:

The NOAA CoastWatch/OceanWatch/PolarWatch Program (“CoastWatch”) seeks an enthusiastic Knauss Fellow to document the impact of our information and services to users and help tell our stories about satellite data and socio-economic impacts of on ocean, coastal and inland water applications. Observations from space are now routine for several physical and biogeochemical parameters in the ocean and coastal waters (e.g., sea surface temperature, sea surface height, chlorophyll concentration, ocean winds, sea ice, surface conditions). NOAA CoastWatch connects people with global and regional satellite data products for use in applications for understanding, managing and protecting ocean and coastal resources. We do this through a range of data visualization and access tools and services; curated and value-added data products; helpdesk and user forum; hands-on training courses and remote learning content; and direct collaboration on research and development of applications. We know the value of CoastWatch data through anecdotes and stakeholder stories. Documenting and quantifying these stories helps us to comply with the Foundations for Evidence-Based Policymaking Act of 2018 (“Evidence Act”) which mandates that federal agencies use data and evidence to drive resource allocation decisions. We want to show the return on investment that NOAA is making in collecting satellite observations and serving value-added and analysis-ready data products which are used in applications to inform actions. The NOAA CoastWatch program office is housed in the NOAA/NESDIS Center for Satellite Applications and Research (STAR) in the Satellite Oceanography and Climatology Division (SOCD). Along with program support, the CoastWatch applications team and our central operations team are also located in NESDIS/STAR/SOCD at the NOAA Center for Weather and Climate Prediction (NCWCP) building in College Park, MD. Our Regional Nodes are distributed geographically across US coastal regions and the Great Lakes and housed at other NOAA line offices including National Ocean Service (NOS), National Marine Fisheries Service (NMFS) and Office of Oceanic and Atmospheric Research (OAR). CoastWatch users and stakeholders are found in all parts of NOAA as well as outside of NOAA such as other government agencies, international partners, commercial sector users, academic researchers, etc. Join our team to help CoastWatch bring satellite data to broader audiences throughout NOAA and outside of NOAA to a global audience. The Fellow will work closely with Dr. Veronica Lance, the CoastWatch Program Manager, to identify specific projects based on their interests and/or topics of opportunity then develop one or more impactful stories with inputs from a variety of collaborators in CoastWatch and NOAA. Outputs could be written articles or multi-media story boards or other audio/video content suitable for website publication. The content will document the impacts of CoastWatch information and data services have on users or for a geographic region or sector. Story

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ideas can be drawn from NOAA CoastWatch Nodes, Applications Team, Training Course Projects, and/or Central Operations helpdesk topics. The Fellow will also help with coordination, promotion, and execution of our CoastWatch presence at upcoming scientific meetings and our annual CoastWatch science meeting. The position is based at the National Center for Weather and Climate Prediction (NCWCP) building in College Park, MD.

In this position, the Fellow will gain skills, knowledge, experience and understanding in multiple arenas, for example:

- Knowledge of the value of transforming observations and data into information and applications to solve social, economic and ecological problems
- Scientific and technical exposure to ocean remote sensing observations from satellites
- Familiarity and connections across NOAA and its missions
- How policy and decision-making can be influenced through communications
- Personal organizational and communications skills

Expertise Desired:

Expertise Desired of Fellow:

The fellow must be

- Curious about the potential value of environmental remote sensing in resource management or commerce
- Enthusiastic about communicating the value of science and data
- Highly proficient in communication skills (speaking and writing in plain language for broad audiences, participating in groups, presentations, etc.)
- Able to work independently and in collaboration with others
- Able to think critically and analyze data for hypothesis testing

The Fellow's primary mentor will be the NOAA CoastWatch Program Manager. The Fellow will be connected to other professionals and technical experts across disciplines (e.g., satellite remote sensing, oceanography, sociology, economics, resource management, etc.) within and external to NOAA as relevant to the development of the Fellow's study and career interests. The Fellow will be invited to participate in program activities and encouraged to attend seminars and possibly conferences as appropriate to the project.

Offices Goals and Duties:

NOAA CoastWatch interacts across NOAA to work with data providers and satellite scientists within SOCD to stakeholders across all NOAA Line Offices and outside of NOAA to extend the value of satellite data and facilitate their use in applications for ocean, coastal and inland water applications. The CoastWatch Program is housed in the NOAA/NESDIS Center for Satellite Applications and Research (STAR) in the Satellite Oceanography and Climatology Division (SOCD). CoastWatch stands on four pillars: Central Operations, the Training lead and the Applications Team are located in SOCD at the NCWCP building in College Park, plus our seven Nodes, located geographically across the country and housed at other NOAA Line Offices including NOS, NMFS, OAR, and NWS. CoastWatch users and stakeholders come from all parts of NOAA as well as outside of NOAA such as other government agencies, international partners, commercial sector users, academic researchers, etc.

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Day in the Life:

A Knauss Fellow's "Day in the Office" might include learning how satellite data products are generated and how people use those data products in applications through published literature, training course material and interacting with other CoastWatch colleagues. You will also be focusing on your project independently. The Fellow will be invited to participate in program activities and encouraged to attend seminars and possibly conferences as appropriate to the project.

Office Culture:

The CoastWatch culture values team members who are actively engaged in bringing forward new ideas and novel solutions to challenges to achieve our mission of facilitating the use of satellite data in applications for the benefit of stakeholder decision-making. A combination of collaboration and autonomy are required. Our senior team members have been with CoastWatch since the early days and are dedicated to succession planning and passing on their experiences to carry CoastWatch into its next 30 years. Our newest members are "psyched" to bring their cutting edge skills to help us carry out our mission by exploiting new methods and technologies. Bring your interest in social science and/or social media to complement our current strengths. Become a part of our extended CoastWatch family whether through a career path in NOAA or elsewhere, we hope the Fellow will help us spread the word that CoastWatch exists to make using aquatic satellite data "easy".

Office Location: NCWCP, 5830 University Research Court, College Park, MD

Current Office Work Situation: Fellow is expected to work from the NCWCP office in College Park.

Travel within DC: No significant travel expected

Travel Outside of DC: No significant travel expected

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Position Number: E23-64

Agency: NOAA NOS

Host Office: Formulation and Planning Division

Name/Title of Primary Mentor: Aria Remondi/FPD Chief

Co-Mentor: Dana Laster

Position Title: Program Analyst

FN Welcome: Yes

Portfolio Summary:

Being selected for this role will place you within the headquarters of the National Ocean Service and at the forefront of NOAA's leadership in coastal resilience science, strategy, and collaboration within NOAA and across the interagency community. Through this opportunity, you will gain exposure across the National Ocean Service (NOS), other NOAA line offices, Department of Commerce (DOC), Office of Management and Budget (OMB), and possibly Appropriators and their staff in Congress.

We seek a Sea Grant Fellow who will work in the central coordinating role for NOS programs and equities in multiple high-profile supplemental funding bills, including the Bipartisan Infrastructure Law (BIL) and the Inflation Reduction Act (IRA). NOAA is receiving an additional \$6 Billion over 5 years from these programs, with a large percentage coming to NOS. These funds are exciting for our programs but will also require significant oversight from NOS, NOAA, DOC, OMB, and likely Congress. It is an immense, multi-year, multi-line office series of projects that will propel NOAA forward in the areas of coastal resilience. This Fellow won't be doing the work on the ground to improve coastal resilience or fight climate change, but will be making the system run smoothly from above so that the experts can do what they do best. We are in the business of working with our programs, guiding them, helping them, and ultimately our work helps the local residents in communities around the country.

FY2023 will be the first year of executing these funds. The Formulation and Policy Division (FPD) in NOS will be the focal point for the various processes involved in successfully executing and reporting on these programs. NOS is the leader of Climate Ready Coasts. NOS programs seeing enormous increases from these bills include the Marine Debris Program, Coastal Zone Management, National Estuarine Research Reserve System (NERRS), and the National Coastal Resilience Fund. NOS is also taking on new work to improve inundation models, climate services, and technical assistance on the ground. You will work with experts from these programs regularly. You will learn to anticipate issues coming down the road and design a process and timeline for collecting, coordinating, and reporting on IRA funds and project execution for NOS. You will become knowledgeable on the BIL activities, IRA activities, and the intersection with NOS' mission. Additional duties include;

- Work with the analysts to respond to Congressional inquiries about the budget and overlap between BIL, IRA and normal appropriations
- Work with multiple parties including collaborating with partners to mitigate risks in execution, including workforce, grants, and more
- Work with programs to collect data, identify problems to executing, and develop solutions to those problems

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- Develop relationships with NOAA legislative affairs, chief financial office, policy specialists, senior level leadership, and staff throughout the NOS Program Offices to ensure successful communication and execution
 - Collect information and disseminate project performance and budget data to NOAA and DOC
- The Fellow would work closely with the FPD Division Chief, the Deputy Chief Financial Officer (CFO) and CFO for NOS, Program Offices budget leads, NOAA Budget, and other divisions within NOS Headquarters (HQ). They will also work closely with other members of the FPD team who have worked on BIL as well as IRA activities that occurred prior risks and spend plans.

You can expect:

- Contact with NOS senior leadership, programmatic experts, and NOAA level experts;
- Exposure to the Budget Formulation process, a key process to understand for anyone who wants a career in federal government
- To be a full team member in the office, and as you gain experience throughout the year, you will have increasing independence on how you do your job.
- To learn several processes that are absolutely key to federal government (Budget formulation and execution, grants, reporting chains, hiring, risk management, project management). Marine policy can only be fully implemented when there is good governance and a solid foundation on which to make sure the funding can make a transformational change.

Expertise Desired:

This position requires the Fellow to be organized and flexible, manage time well, prioritize tasks, and bring a proactive voice. You must be adept at gathering, organizing and editing written information and working independently on short deadlines. You must be a clear communicator, including to large groups, and will likely present information and make recommendations orally and in writing.. Having a mindset of service to others, exercising discretion, communicating with candor, and demonstrating a sense of humor are all essential. Project management experience is a plus.

Offices Goals and Duties:

The NOS Formulation and Planning Division (FPD) is a small, highly motivated group that works on budget formulation, planning and performance, risk, evaluation, auditing and is the focal point for coordinating and reporting for high level supplemental bills which support the Climate Ready Coasts portfolio. In a given year we are managing the budgets of 4 Fiscal Years (FY). We look ahead to see what NOS needs to do strategically and how, via the formulation process, we could get there. We ensure NOS is following congressional intent, respond to appropriators' questions and then, through auditing and evaluation, we make sure NOS is accomplishing our mission and following regulations. We support all the program offices in NOS, NOS leadership, and interface with NOAA and DOC level offices. With regard to high profile supplementals, such as the Bipartisan Infrastructure Law (BIL) and the Inflation Reduction Act (IRA), FPD has a central coordinating role. NOS is advancing work on Climate Ready Coasts with this transformation funding. FPD is involved from spend plan development, to bill coordination, to tracking these programs and reporting to NOAA and DOC and prepping leadership for high level meetings on these funds.

Day in the Life:

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This position is a mix of high level and ground level, quick turnaround tasks and longer term projects. There will be days where DOC or Congress asks for something very quickly and we have to respond. There will be days when NOS leadership asks for something and we have to really dig into details to make sure we are being good advisors to them. There will also be longer lead times on some items so we can seek to improve. Being in NOS HQ, specifically in the CFOs office, you will be exposed to all HQ functions, NOS leadership, NOS program directors and deputies, and both political and career employees at all levels of government.

Office Culture:

The NOS FPD team embraces fundamental principles of diversity, equity and inclusion. Though we are a team with diverse functions we all collaborate and operate as a team. We are a high performing team, full of self-starters and subject matter experts – and we all learn from each other’s expertise. We prioritize helping the NOS program offices wherever possible and attempt to ease their burden, taking pride in supporting such exciting and important programs.

Office Location: Silver Spring, MD

Current Office Work Situation: Telework up to 4 days per week. There may be occasional meetings or events that require in-person attendance.

Travel within DC: 0

Travel Outside of DC: 0 (might be the opportunity for a couple trips in the year)

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Position Number: E23-65

Agency: NOAA OAR

Host Office: Climate Program Office

Name/Title of Primary Mentor: Sean Bath/Climate Adaptation Partnerships Program Manager

Co-Mentor: Ariela Zycherman

Position Title: Climate Adaptation Science Policy Fellow

FN Welcome: Yes

Portfolio Summary:

The Climate Adaptation Science Policy Fellow will be responsible for providing program management support, advancing communications of network accomplishments, and innovating knowledge management design and implementation.

Potential Responsibilities:

- Participate in the coordination of regionally focused community research priorities on impacts and adaptation science, across the CAP/RISA network and with relevant partners
- Identify program opportunities and recommend courses of action to program managers to devise plans for bridging gaps
- Supports program development and management activities, (e.g. coordinating virtual review panels that draw on community review, supporting program managers in administering award)
- Develop knowledge management systems, including relevant content and materials to enhance learning and communication of the outcomes of CAP/RISA-funded research to various scientific and professional communities and to society. This may include working with CSI funded principal investigators and other parts of NOAA to co-develop webinar series, meetings and/or communication material on project outputs
- Explore and support new strategic partnerships and/or joint projects including those with other parts of NOAA, other Federal agencies, State and local governments and their associations, and private sector organizations, including Foundations
- Participate in Climate Program Office and NOAA Climate Portfolio planning activities and responds to periodic calls for information from NOAA or outside sources on CAP/RISA accomplishments and activities

In addition to furthering the goals and mission of the CAP/RISA program, the Climate Adaptation Science and Policy Fellow will have the opportunity to engage in a personal project during their fellowship year. This project would allow the fellow to apply their interests and expertise relevant to the CAP/RISA network and could result in the development of a concrete deliverable (e.g. publication, white paper) at the end of the fellowship.

Potential Projects:

- Review and assess cross CAP/RISA network projects and produce a communications product or topical review of the successes, lessons learned, and suggestions for future projects

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- Conduct an in-network analysis on a relevant topic of interest to the fellow (e.g. extreme heat and health, nature-based infrastructure, climate policy, equitable approaches to community engagement, capacity building)
- Perform a literature review on climate services to provide the CAP/RISA team a breadth of approaches and verbiage to inform the development of official communications on CAP/RISA's approach
- Assess the state of climate work in regions where the CAP/RISA program has recently funded expansion activities to inform and complement collaborative planning activities

Expertise Desired:

Knowledge, Skills, and Abilities:

- Understanding of the principles and concepts of climate risk management, adaptation, socio-environmental hazards, and human and ecological resilience.
- Understanding of and experience in project management, particularly where management includes networks of organizations and/or spans multiple geographies.
- Good written and oral communication skills, including the ability to make public presentations, write articles and develop outreach material (including but not limited to materials for websites), with emphasis on communication of technical/scientific material to non-technical audiences.
- Excellent organizational skills, including the ability to handle multiple and diverse tasks with short turnaround time and tasks that require long-term planning and sustained implementation over the course of a year.
- Ability to successfully interact with a diverse set of people including large teams of scientists, administrative staff, other program managers, and public affairs personnel.
- Good understanding of the climate community and its stakeholders, particularly in the U.S and government research programs.
- Ability to work with technologies that enable virtual meetings, telecoms, telework.
- Ability to work well with a team in a cooperative environment.
- Skill in identifying program opportunities and challenges and prepare program strategies to further the needs of the program.
- Skill in understanding and interpreting scientific findings and translating these results for comprehension and understanding by diverse audiences.
- Strong interpersonal skills.

Offices Goals and Duties:

The Climate Adaptation Partnerships (CAP) program, formerly the Regional Integrated Sciences and Assessments (RISA) program, is located within the Climate and Societal Interactions (CSI) division, within the Climate Program Office (CPO) of NOAA's Office of Oceanic and Atmospheric Research (OAR). CSI's mission is to improve resilience in diverse socio-economic regions and sectors in the US and abroad through improved decision-making capabilities and use of climate information. NOAA's CAP/RISA program is an applied research and engagement program that expands society's regional capacity to adapt to climate impacts in the U.S. The CAP/RISA program supports sustained, collaborative relationships that help communities build lasting and equitable climate resilience. Funded by 5-year cooperative agreements with NOAA, the work is accomplished by teams of research institutions, nonprofit organizations, and state/local/Tribal governments in multi-state regions. CAP/RISA teams engage in a variety of applied and co-developed research and engagement with communities. A central

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tenet of the CAP/RISA program is that learning about climate adaptation and resilience is facilitated by and sustained across a wide range of experts, practitioners, and the public. Learning about and doing adaptation happens within social contexts. As such, the CAP/RISA program supports networks of people working together to plan for and adjust to change using science and local knowledge.

Day in the Life:

The CAP/RISA program office is a busy, but exciting, place to work. Program staff balance long term strategic planning and budgeting to expand and support the network, identification of science priorities to advance knowledge of engagement practices and interdisciplinary climate research to support successful identification, advancement of justice, equity, diversity, and inclusion goals, responding to administrative priorities, and completion of full yearly cycles of competitive research granting and reporting.

On a daily basis we address both long-term projects and short-term activities. Long-term projects have included a recent name change, implementation of large funding bills like the Bipartisan Infrastructure Law, and network expansion. These activities include research on relevant topics, vocabulary and terms, team accomplishments, regional needs etc. as well as strategic planning over long periods of time.

Short-term activities are often responses to questions from congress or leadership, writing assignments highlighting accomplishments, preparing presentations, etc. These involve quick research within the network and the ability to write clearly and concisely. Layered on top of this is a yearly cycle of grant making which includes the development and publication of a Notice of Funding Opportunity, identification of expert reviewers, review of proposals through a peer review process, and then the administrative work of grant making. This task is essential to producing cutting edge scientific work and offers the opportunity to learn more about regional climate needs, adaptation pathways, and equitable team science in addition to how the federal government supports engaged climate research.

The program consists of a Lead, Program Managers, Program Specialists and Program Assistants. We are a small but mighty team and work collaboratively on most projects. We meet regularly to make decisions, update each other on work streams and progress, and identify new tasks.

Office Culture:

CPO's culture is collaborative and enabling for employees and fellows alike. CPO regularly hosts Knauss fellows, Lapenta scholars, Hollings scholars, EPP fellows, NERTO scholars, and Presidential Management Fellows. This is an exciting opportunity for climate science and adaptation in the U.S. Government, so we look to each other to take the initiative on partnership and project opportunities. The culture of the CSI division in particular is one where we frequently discuss the strategic context of NOAA's climate work together.

In the broader office, CPO meets regularly in monthly all-hands meetings and the division meets with CPO leadership every month, or more frequently when needed. The office maintains an active Diversity, Equity, Inclusion and Accessibility (DEIA) working group composed of volunteers who share information, advocate for a better workplace, and plan joint office activities. <https://cpo.noaa.gov/About-CPO/DEIA-Working-Group>

Equity & Values statement:

CPO strives to fulfill the values of justice, diversity, equity, inclusion, and accessibility in the pursuit of its science, the management of its workforce, the design and execution of its financial awards, and the

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character of its partnerships. CPO acknowledges that its mission is fundamentally about public service and helping communities understand and adapt to a changing climate at all timescales. Furthermore, CPO recognizes this work is practiced in a society of people with differential power, histories of discrimination, and influenced by institutions long dominated by particular perspectives. The significant costs of racism, sexism, ableism, and other systemic oppressions disrupt and inhibit our collective ability to provide the best available information possible in order for our Nation and world to adapt to and thrive in a changing climate. Therefore, CPO reaffirms its commitment to understanding and responding to these challenges to the fullest extent of its authority and responsibility

Office Location: This position will be located at the NOAA Silver Spring Metro Center, Bldg. III in Silver Spring, MD.

Current Office Work Situation: Current office work situation is 1 day required in the office a week. The rest is remote work. We expect 2-3 days a week in-office may be required in 2023.

Travel within DC: Variable

Travel Outside of DC: Variable

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Position Number: E23-66

Agency: NOAA OAR

Host Office: OAR Office of the Chief of Staff

Name/Title of Primary Mentor: James Jenkins/Chief of Staff

Co-Mentor: Danielle Farelli

Position Title: Program Analyst to the Chief of Staff

FN Welcome: Yes

Portfolio Summary:

Looking for an opportunity to work at the intersections of science, policy, and management? Eager to build on your scientific knowledge and apply your skills in an applied way? Want to better understand how federal science and research organizations work and the strategies used to ensure that they produce mission-relevant research that both advances scientific understanding and delivers societal benefits? If so, this is the ideal position for you. The Oceanic and Atmospheric Research (OAR) Line Office or "NOAA Research" conducts and sponsors cutting-edge science in support of NOAA's mission under the broad themes of oceans and coasts, climate, and weather. OAR consists of ten federal research laboratories around the country, six program offices, sixteen Cooperative Institutes, and 33 university-based Sea Grant programs.

Given the diverse nature of the work and portfolio, the Fellow will experience a wide range of topics related to NOAA's science and technology enterprise. The Fellow will work directly with OAR's Chief of Staff (CoS) and the broader front office team, including the Assistant Administrator (AA) and Deputy Assistant Administrators (DAAs). They can expect to learn first-hand the complexities associated with operating a large science organization from the leadership level. They will contribute to management decisions related to organizational efficiency, assist with the strategic alignment of NOAA's research enterprise, interact with senior leaders across all of OAR's labs and programs, and coordinate OAR-wide and NOAA-wide meetings and events. This is an ideal position for those seeking to enhance their management and leadership skills while gaining a high-level appreciation for science and research in the federal service. The Fellow will be uniquely positioned in OAR's executive office suite and will have the opportunity to lead special projects that are of interest to the Fellow.

Examples of previous special projects by front office fellows include:

- Serving as OAR's Executive Secretariat on NOAA's Ocean and Coastal Council (NOCC), a principal advisory body to NOAA's Office of the Under Secretary
- Assisting in the development of OAR priorities for NOAA's Blue Economy initiative
- Working with attorneys from the Office of General Counsel on NEPA compliance issues for marine research
- Supporting NOAA's efforts to implement the National Ocean Policy and White House level Ocean Policy Efforts
- Assisting with the development, organization, and execution of an inaugural Young -- Explorers Program at sea with OceanX
- Facilitating one of NOAA's Fleet and Flight working groups

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- Helping to coordinate the NOAA-NSF Leadership Roundtable
- Facilitating collaboration with the private sector, such as XPRIZE, OceanX, Vulcan, and others
- Serving on the planning team for OAR's Senior Research Council
- Accompanying OAR Senior Leadership on travel including high level engagements, and for unit visits across the country

Examples of potential 2023 projects and duties include:

- Coordination for the OAR Senior Research Council
- Staffing the NOAA Co-chair to the White House Subcommittee on Ocean Science and Technology
- Staffing the NOAA representative to the White House Subcommittee on Research and - Development Infrastructure
- Coordinating a DEIA initiative for OAR leadership such as organizing a Climate Seminar for HBCUs and MSIs
- Coordinating an NOAA-wide Science Forum/Conference (previous topics included Arctic, Engineering, and others)
- Supporting OAR Senior Leadership and enterprise-wide communications and messaging

Expertise Desired:

This fast-paced position requires the Fellow to be organized and flexible, manage time well, prioritize tasks, and problem solve. Excellent interpersonal and communication skills are essential. You should be adept at gathering, organizing, and editing written information and working independently on short deadlines. The person will need to be a team-player and quickly integrate into OAR's Front Office team. A sense of humor is greatly appreciated!

Offices Goals and Duties:

Our goals and duties in the office are to support and advise our executive leadership team to ensure their success in fulfilling the mission of NOAA's Oceanic and Atmospheric Research (OAR) Line Office or "NOAA Research." Through leading projects, developing relationships with various stakeholders and agencies, and supporting the Assistant Administrator and Deputies, the Front office staff forwards cutting-edge science in support of NOAA's mission under the broad themes of oceans and coasts, climate, and weather. Our work ensures that NOAA research delivers world-class products to the greater community.

Day in the Life:

As a high-level, 30,000 foot level, position situated at the top of the organization of a line office, this position is fast-paced, dynamic, and gives you exposure to all aspects of NOAA Research. You will interact with countless individuals within NOAA, across other agencies, and with international partners and private industry. Your day to day will challenge and empower you to help NOAA's research enterprise work in the best way to support the amazing services NOAA provides. Expect to never have a dull moment and run from topic to topic and meeting to meeting.

Office Culture:

Our office culture revolves around being multifaceted and having a positive "make it happen" attitude. Although we each have our own "lanes", we are all capable of stepping in to help support each other for

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the greater good of the team and NOAA. Consequently, we are a highly capable team that is able to execute the many high-priority duties entrusted to us to make sure NOAA's research enterprise runs smoothly. Our executive leadership team welcomes our input and perspectives and is highly supportive and caring. And we laugh! Our office isn't one that supports hostile environments where people can't be themselves. Lastly, our office is a teaching office. We take pride in sharing new skills, tricks, and information with each other that will help us become better people as well as better ocean and coastal professionals.

Office Location: Silver Spring, MD

Current Office Work Situation: We currently follow the NOAA wide telework policy and are in office 2-3 days per week with 2-3 days of telework.

Travel within DC: 1-3

Travel Outside of DC: 1-3 (varies per month)

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Position Number: E23-67

Agency: Navy

Host Office: Office of the Oceanographer of the Navy

Name/Title of Primary Mentor: Dr. Wayne Estabrooks/Deputy Branch Head, Naval Deputy to NOAA, Interagency & Policy Branch

Co-Mentor: CDR Andrew Ostapenko & Ninette Sadusky

Position Title: International & Interagency Policy Liaison

FN Welcome: No

Portfolio Summary:

The Oceanographer of the Navy is the representative of the Chief of Naval Operations for the Naval Oceanography Program and Naval Oceanography policy, which includes operational environmental support to Department of Defense (DoD), NATO, and coalition forces worldwide. Naval Oceanography includes oceanography, meteorology, geospatial information & services, navigation, and precise time & astrometry. The Oceanographer of the Navy is also the Naval Deputy to NOAA and interfaces directly with the NOAA Administrator on issues of mutual interest to Navy and NOAA. The Deputy Oceanographer/Technical Director provides guidance to the Oceanographer of the Navy and often represents Department of Defense and Joint Chiefs of Staff in high level interagency meetings. The Oceanographer of the Navy has a dedicated seat on the Subcommittee on Ocean Science and Technology (SOST) under the Ocean Policy Committee. The Sea Grant fellow will work with the Deputy Oceanographer of the Navy and other staff members and be involved in a variety of interagency, international, and Congressional issues relevant to the mission of the Oceanographer of the Navy. Specific duties are tailored to the individual Knauss fellow, but will likely include involvement with the high level subgroups under the Ocean Policy Committee, which provides the opportunity to work with high-level officials from numerous agencies. The fellow will likely have the opportunity to work on many cooperative issues between Navy and NOAA. Previous fellows have also been involved in issues such as high level ocean policy development, including drafting of Presidential Executive Orders, Congressional liaison and testimony writing, data collection and data release, ocean observing systems, NATO issues, public data release, and Law of the Sea issues. The fellow will work closely with many other Navy offices as well. Beyond their established portfolio, the Fellow is encouraged to seek short- and long-term opportunities that suite their personal interests. Example opportunities include: facilitating Navy graduate curriculum reviews, drafting interagency reports, contributing to the Navy's climate research and resiliency efforts, staffing the Oceanographer and other leadership at international conferences, interface with researchers through Task Force Ocean, and more.

Expertise Desired:

The most important things desired in a fellow are a willingness to learn and an ability and desire to communicate. This position is tailored to use the strengths, strengthen the weaknesses and meet the goals of the individual Fellows. Since our office works a broad range of issues for the Navy at very high

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levels, exposing the fellow to a wide range of important issues is usually fairly easy to do. The Navy believes in giving maximum authority to its people and wants to be amazed by the capabilities they show in return. We do not expect a fellow to know much about the Navy or Naval Oceanography when they arrive - we expect they will need to learn what they need to know once they get here. We want a fellow who would like to contribute and make a difference for the country! Due to the need for the fellow to obtain an interim security clearance as well as their final security clearance, our office can only accept US citizens and we cannot accept US citizens with dual citizenship.

Offices Goals and Duties:

The fellow will work mainly within the Naval Deputy to NOAA/ Interagency Coordination Branch of the Office of the Oceanographer of the Navy. Our Branch serves as a mechanism for oceanographic and meteorological policy for the Navy. We work at the nexus of operational environmental data, federal decision making, and national security. The Office of the Oceanographer of the Navy represents the Naval Oceanography community in interagency and external platforms, coordinating and cooperating with federal agency partners and other stakeholders. We also ensure proper resourcing of the Naval Oceanography program to meet future requirements, and the formulation and implementation of internal (to the Navy/DoD) and external (national, international, and non-governmental) protocols and policies. In doing so, the Naval Meteorology and Oceanography Command at-large can better serve their mission of providing critical information from the ocean depths to distant reaches of space to inform military, scientific, and civilian communities.

Day in the Life:

There is no typical day at the Office of the Oceanographer of the Navy. While it is typical to participate in a lot of meetings (especially high level ones) at times we have to dig down into details to reach optimal solutions to problems. Our office tends to be a "30,000 ft" level office, giving the fellow a broad understanding of issues and how they relate to the success of agency missions and to the country as a whole. We review and provide comments on policy documents when necessary, write policy documents when needed, participate in a lot of high-level meetings, work with Congress, including summarizing Congressional events we participate in, and provide a breadth of expertise to the Navy and the other agencies on oceanography and meteorology issues and coordination. The Oceanographer of the Navy's main office is located at the Pentagon, but the staff also has offices at the Naval Observatory. It is expected that the Knauss fellow will work out of the Naval Observatory most days, but frequent travel to the Pentagon and interagency meetings in other federal buildings will be required.

Office Culture:

This office is relatively small, composed of only about 30 hardworking team members. We pitch in where needed, help each other where we can, and always try to succeed. The pace of the office varies greatly - sometimes slow and measured, sometimes very fast-paced, depending on the situation. A staff member can come in thinking they will be doing one thing that day and as soon as they arrive, they will be working on something entirely different. We are seldom bored! The Navy gives large amounts of authority - and responsibility to its workers and understands that trying your best doesn't always mean 100% success! We pitch in to help each other and take the time to teach and to learn. Since most of our work is at a very high level, the products we produce support some of the highest level decisions our policy-makers make! Our office has hosted fellows for decades and they all would agree that the work

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they accomplished while with us was some of the most important work of their lives. Fellows are encouraged to connect with the expansive network of past fellows our office has hosted who are still doing great things in the marine science and policy world.

Office Location: US Naval Observatory and the Pentagon

Current Office Work Situation: Our staff members typically telework on a situational basis a day or so a week and are in the office the rest of the week. The office is flexible in accommodating the work and professional development needs of the fellow (i.e., need to work from home to participate in an informational interview, travel to attend a conference, etc.)

Travel within DC: 0-10 (COVID-19 situation pending)

Travel Outside of DC: 0-7 days (include an extra \$5k for travel)

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Position Number: E23-68

Agency: Executive Office of the President

Host Office: Council on Environmental Quality

Name/Title of Primary Mentor: Sara Gonzalez-Rothi/Senior Director - Water

Co-Mentor: TBD

Position Title: CEQ Fellow

FN Welcome: No

Portfolio Summary:

The Fellow will be a part of CEQ's Conservation Team and support the water portfolio, which includes a wide range of issues covering both freshwater (including drinking water) and marine and coastal environments. Major geographic areas of focus by the water portfolio in 2022 included the Mississippi Delta and Columbia River Basin. We anticipate continued interagency efforts in both of those areas. One of the Fellow's major projects will be to support the work of the Ocean Policy Committee (OPC) and specifically, its Ocean Resource Management (ORM) subcommittee. The Fellow will also work closely with counterparts in the Office of Science and Technology Policy on OPC issues and connections between the ORM and its Ocean Science and Technology (OST) subcommittee. The OPC is a congressionally mandated, Secretary-level interagency body that coordinates ocean science and technology and management policy across relevant Federal departments and agencies. These bodies work on ocean priorities that advance the Administration's agenda in the ocean and includes fostering interagency coordination across a range of ocean uses, coordinating Federal action on ocean-based climate solutions, and ensuring coordination between ORM and OST bodies.

Expertise Desired:

It is essential that a CEQ Fellow be a self-starter, organized, able to concisely summarize information in short-form writing, flexible, and collaborative. Because the mission of CEQ is often to fill gaps, resolve disputes, and create more efficient interagency processes, the actual academic field expertise is less important than "soft skills" – project management, active listening, coalition-building, managing up, etc.

Offices Goals and Duties:

The fellow will work mainly within the Naval Deputy to NOAA/ Interagency Coordination Branch of the Office of the Oceanographer of the Navy. Our Branch serves as a mechanism for oceanographic and meteorological policy for the Navy. We work at the nexus of operational environmental data, federal decision making, and national security. The Office of the Oceanographer of the Navy represents the Naval Oceanography community in interagency and external platforms, coordinating and cooperating with federal agency partners and other stakeholders. We also ensure proper resourcing of the Naval Oceanography program to meet future requirements, and the formulation and implementation of internal (to the Navy/DoD) and external (national, international, and non-governmental) protocols and policies. In doing so, the Naval Meteorology and Oceanography Command at-large can better serve their

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mission of providing critical information from the ocean depths to distant reaches of space to inform military, scientific, and civilian communities.

Day in the Life:

Expect (and accept!) the unexpected at CEQ. As an organization that works across government on a wide range of issues, it's hard to predict exactly what issue you will be working on from one day to the next. Across your tenure at CEQ, you will be involved in researching topics and writing background materials, coordinating agendas and meetings, reviewing legislation and regulatory documents, and supporting senior staff at interagency meetings. You will spend time setting up and attending meetings with constituent groups, participating in interagency discussions, and working to help us implement the Administration's agenda as it relates to water issues. The one thing we know you will experience is meetings—lots of them. Some are internal to CEQ, some are with parties outside of the U.S. Government, but the vast majority are interagency in nature. Some you will lead, some you will be an integral participant, and some we are joining for awareness when CEQ is not driving the initiative being discussed.

Office Culture:

CEQ is mostly staffed by political appointees and detailees from other agencies. There is a high expectation for ethical behavior and strong commitment for advancing environmental policy for the benefit of all. We work as one federal team, and at CEQ we take pride in gathering input and feedback and trying to adjudicate a common federal voice on matters affecting environmental quality.

Office Location: Jackson Place

Current Office Work Situation: Many CEQ employees telework a few days each week. Some CEQ employees telework more, while others are in the office full-time. We do have a desk onsite that is available to the Knauss Fellow. CEQ (and all EOP components) are developing more of an in-person work culture as COVID-19 vaccines have become available and restrictions are receding.

Travel within DC: 0-3 (though with COVID concerns lessening, this may increase in 2023 as compared to 2022).

Travel Outside of DC: 0 (though again, with COVID reducing, this may increase).

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Position Number: E23-69

Agency: NSF

Host Office: Office of the Assistant Director, Directorate for Geosciences

Name/Title of Primary Mentor: Shelby Walker/Senior Advisor for Facilities Planning

Co-Mentor: Lina Patino

Position Title: Sea Grant Knauss Facilities Science Analyst

FN Welcome: No

Portfolio Summary:

The Directorate for Geosciences supports nearly \$1B in large facilities operations (FY22 budget request), and an additional nearly \$100M in new facilities construction. Within GEO, large facilities include the National Center for Atmospheric Research (NCAR), Geodetic Facility for the Advancement of GEoscience (GAGE), Seismological Facility for the Advancement of GEoscience (SAGE), 18 oceanographic research vessels that constitute the Academic Research Fleet, the International Ocean Discovery Program (IODP), the Ocean Observatories Initiative (OOI), and the U.S. Antarctic Program (USAP).

Additionally, the portfolio of large facilities is highly varied, ranging for sea-going vessels to international seismic stations. Additionally, NSF recently launched a new set of competitions aimed at supporting mid-scale infrastructure, which ranges in size from \$6M to almost \$100M. While the individual facilities are managed within the respective Divisions, the scope and complexity of the facilities portfolio requires a strategic view and cognizance of the terrain of research infrastructure. The Fellow will work with the GEO Senior Advisor for Facilities (SAF) (Shelby Walker), a relatively new position within NSF and GEO, in providing the cross-GEO perspective to understand not only what we currently have, but how to support what is needed for the future.

The Fellow will also support and advance GEO's work related to mid-scale infrastructure. As a new competition (though not a new funding category), the mid-scale arena is of keen interest to the community but remains somewhat opaque. There is tremendous opportunity to educate the community on the competition, work with under-served institutions on how they can be most competitive and support the work of the program officers as they work through evolving internal processes.

The position will engage at multiple levels in NSF, including within the GEO directorates and its Divisions, as well as the Director level, working with the Chief Officer for Research Facilities via the GEO Senior Advisor and the cross-NSF Major Facilities Working Group. They will also work to support engagement with the National Science Board (NSB), which provides guidance on the direction of NSF and its major investments. The position will help inform guidance and policy as it relates to GEO facilities and major facilities supported by NSF, through the work of the cross-NSF Major Facilities Working Group.

Primary responsibilities will include the following:

Develop and advance approaches for inclusive mid-scale competitions: Work with cognizant GEO Program Officers and the GEO Front Office to develop and implement approaches supporting the competitiveness of minority-serving or under-represented institutions relative to the mid-scale competitions. Develop equitable approaches and engage across GEO and NSF to evaluate and implement.

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Support GEO management and oversight of major scientific facilities: Work with GEO SAF to provide high-level oversight of the GEO facilities portfolio, including reviewing reports, budgets, and compliance with NSF policies. This includes providing oversight of how NSF Program Officers manage facilities construction and operations, ensuring the NSF policies and procedures are implemented in such a way as to ensure the success of both the individual facilities and the portfolio.

Advance communication and coordination within and outside NSF for the advancement of major facilities: Engage in a wide variety of coordination and communication activities, such as drafting memos for the Assistant Director and SAF, supporting the development of presentations for the GEO OAD, and any number of special projects. Another important role that this position plays is that of scientific communications liaison, which involves working in a team with NSF's public affairs office and GEO facilities to highlight results through press releases, social media posts, or other forms of scientific communication.

Expertise Desired:

The Fellow should bring expertise in one or more of the disciplines represented within the Geosciences directorate (Ocean, Earth, Atmospheric Sciences, or an interdisciplinary background). However, they should be willing and able to reach beyond their expertise to understand and support others. They should be able to combine both high-level strategic thinking and detail-oriented planning and execution. They should be able to effectively interface with individuals in varying stages of career growth—from program and science assistants to program officers to the Assistant Director and beyond.

Offices Goals and Duties:

The Office of the Assistant Director (AD) supports the work of the AD for Geosciences and captures many programs that cut across disciplines. These include GEO's efforts to support and enhance Belonging, Accessibility, Justice, Equity, Diversity, and Inclusion (BAJEDI), global change research, GEO major facilities, community resilience, and others. The work of the Senior Advisor for Facilities directly supports the AD and the Divisions.

Day in the Life:

This position doesn't have a standard routine. A day may include meetings with the Senior Advisor (as part of a regular check-in or in support of a specific task), meetings with Section Heads or Program Officers in the Divisions, reviewing materials for higher-level NSF review and approval, managing schedules for National Science Board approval packages, engaging across the Directorates on mid-scale opportunities, etc. It will likely include a combination of higher-level strategic thinking and focused work on materials and timelines. The fellow should expect a combination of Zoom and potentially in-person meetings, and independent work time.

Office Culture:

NSF consists largely of independent self-starters with discrete portfolios, which has been reinforced working remotely and now in the hybrid environment. This is particularly true of the Office of the

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Assistant Director, where intersections between individuals and groups may be limited to specific needs. The GEO Front Office (another name for the Office of the Assistant Director) meets weekly via Zoom in a combination ice-breaking (trivia) and information sharing (briefings) format. Individuals are accessible through email, Teams, and Zoom.

Office Location: 2415 Eisenhower Ave., Alexandria, VA (office number is TBD)

Current Office Work Situation: NSF is currently operating under an hybrid work environment. Telework is allowable following the recently updated policy on Telework and Remote Work. Mission critical travel and conference attendance is allowable.

Travel within DC: Primary office is in Alexandria, VA

Travel Outside of DC: As needed

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Position Number: E23-70

Agency: FWS

Host Office: Congressional and Legislative Affairs

Name/Title of Primary Mentor: Angela Gustavson/Deputy Chief, Congressional and Legislative Affairs

Co-Mentor: Marty Kodis

Position Title: Congressional and Legislative Affairs Fellow

FN Welcome: No

Portfolio Summary:

The U.S. Fish and Wildlife Service (Service) works with others to conserve, protect and enhance fish, wildlife and plants and their habitats for the continuing benefit of the American people. The Service carries out this mission by implementing many conservation laws, including landmark laws like the National Wildlife Refuge System Administration Act, Endangered Species Act, Migratory Bird Treaty Act, and Marine Mammal Protection Act.

The Service's Division of Congressional and Legislative Affairs (CLA) cultivates relationships on Capitol Hill and appropriately engages in the legislative process on behalf of the agency. CLA staff work closely with Service programs, regions, and leadership and with congressional offices to ensure the effective interchange of information and to implement the Service's legislative agenda. This includes tracking and analyzing legislation, developing positions and testimony, and communicating information on legislation and the Service's activities.

The issue portfolio for a Fellow is to be determined early in 2023. Past Fellows have worked on a range of issue areas; examples include Endangered Species, Fisheries and Aquatic Conservation, Marine Mammals, International Affairs, Science Operations, Wildlife and Sport Fish Restoration, and Coastal Barriers. The Fellow will also be responsible for coordinating daily and weekly reports for officials in the Service and the Department of the Interior (DOI) on Congressional interactions and legislation.

Working in CLA allows a Knauss Fellow to learn first-hand about the functions and interactions of both the executive and legislative branches of government. A Fellow will engage in congressional relations and the legislative process, and will also have a unique opportunity to interact with a wide variety of programs, regions, and officials within the Service and DOI. A Fellow will also have the opportunity to travel to regions and/or field offices to gain a broader experience with the Service; the Service manages national wildlife refuges and other assets across the country to which a Fellow could travel.

Expertise Desired:

Strong written/oral communication skills.

Strong interpersonal skills.

Ability to serve as a liaison among groups with varying expertise on a topic.

Interest in Capitol Hill and the legislative process.

High degree of judgment and common sense are essential.

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Background in or knowledge of fish, wildlife, or habitat conservation.

Ability to prioritize workload and manage multiple projects/tasks under deadline.

Ability to work independently and also as part of a friendly team.

Sense of humor is a must!

Offices Goals and Duties:

CLA works on a number of exciting issues, such as fisheries, endangered species, national wildlife refuges, invasive species, migratory birds, international affairs, marine mammals, and habitat conservation. The Fellow will have the opportunity to develop and expand knowledge of natural resource conservation programs and the congressional and legislative process, as well as the political acumen necessary for a successful career in public service or the private sector.

Day in the Life:

The Fellow will have the opportunity to engage in a variety of activities, including:

Serving as a liaison for the Service with congressional staff on committees and in personal offices; responding to requests for information.

Advising the Service's leadership and programs regarding pending legislation.

Initiating, drafting, reviewing, and facilitating clearance of policy positions, testimony and reports on many and varied legislative issues referred to the Service by DOI.

Coordinating or assisting in preparation for congressional hearings and briefings.

Maintaining active, ongoing communications with congressional offices.

Coordinating with other federal agencies.

Attending meetings, briefings and hearings on Capitol Hill.

Developing daily and weekly reports to be sent to DOI on Congressional interactions and legislation.

Coordinating a tour of FWS resources for congressional staff.

Office Culture:

CLA is a small team that works within the Service's External Affairs program alongside the Public Affairs and External Partnership divisions. We are very familiar with the Knauss fellowship program, as the CLA chief, deputy chief, and a couple staff members are former Knauss Fellows. We also have hosted a number of fellows in the recent past who now have successful careers within the Service, other federal agencies, and in the nongovernmental sector. The office is consistently busy and the work is fast-paced.

Office Location: Falls Church, Virginia

Current Office Work Situation: We are currently teleworking 4 days a week and going into our office in Falls, Church, VA on Tuesdays. There are also occasional days that we attend meetings or hearings on Capitol Hill or at the Department of the Interior.

Travel within DC: Local travel to Capitol Hill 2-4 days per month on average.

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Travel Outside of DC: Past Fellows averaged 4 weeks out of the office on work related travel depending on interests and opportunities.

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Position Number: E23-71

Agency: DOE

Host Office: Water Power Technologies Office

Name/Title of Primary Mentor: Carrie Schmaus/Technology Manager

Co-Mentor: Naomi Lewandowski

Position Title: Ocean Renewable Energy Interagency Specialist

FN Welcome: No

Portfolio Summary:

The Water Power Technologies Office (WPTO) and Wind Energy Technologies Office (WETO) are located within the Energy Efficiency and Renewable Energy (EERE) branch of the US Department of Energy (DOE). WPTO and WETO have an established collaborative working relationship with the shared goal of advancing renewable energy science and technology. As part of this shared goal, both offices have stake and interest in key ocean issues such as converting energy from the oceans, ocean co-use, marine environmental impacts, marine spatial planning, ocean data, and others.

The ideal fellow should be interested in reaching across various agencies (interagency) to coordinate a shared vision for the federal ocean-energy community as well as across different DOE offices (intra-agency) in order to support shared office goals. At DOE, the portfolio (aka range of duties) for Knauss fellows has always been tailored to the interests and experience of the individual. Fellows are encouraged to spend their first month learning about the offices, various activities, their main duties, and identifying areas where they might like to be more involved within WPTO and/or WETO.

The fellow will spend roughly half of their time on the interagency portfolio, about a quarter of their time on the intra-agency portfolio (with their choice of projects described in the 'Intra-agency' section below), and their remaining time exploring other projects of interest across either or both WETO and WPTO (described in the 'Other' section below).

Interagency Portfolio

The fellow will be uniquely positioned between WPTO and WETO which have a primary focus on marine energy and offshore wind, respectively. As a representative of each office, the fellow will help identify opportunities to collaborate with other federal agencies and to strengthen the coordination of ongoing work for existing partnered projects. To accomplish this, the fellow will attend interagency meetings (examples below) to track ongoing priorities, tasks, and identify areas for DOE to collaborate with other agencies, including NOAA, BOEM, NASA, USFWS, Department of State, and other agencies engaged in ocean-related activities.

The fellow will assist in managing DOE interactions as well as ensure the representation of WETO, WPTO, and other DOE ocean equities in these interagency groups. Groups include: The Ocean Policy Committee (OPC), the Subcommittee on Ocean Science and Technology (SOST), relevant SOST sub-groups (such as the Ocean Noise and Marine Life Task Force), regional ocean councils (such as the Northeast Regional Ocean Council), BOEM state task forces, as well as others as dictated by their interest.

Intra-Agency Portfolio

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In addition to coordinating with external federal agencies and groups, the fellow will have the opportunity to be involved with DOE-centered projects that both offices, WPTO and WETO, have interest and stake in. Based on their interest and expertise, the fellow can choose from the two projects described below.

1) Social Science, Community Engagement, and NOAA National Sea Grant Office Partnership
DOE has fostered a successful relationship with the National Sea Grant Office (NSGO), producing several funding opportunities. The fellow could help to support the Partnerships Lead to implement a partnerships strategy to support community-based priorities of the NSGO and its 34 university-based affiliates. Further, a fellow in this position could support the expansion of social science and community impacts work both WPTO and WETO. Both offices currently support National Lab research and social science in partnership with NSGO and NOAA Northeast Fisheries Science Center. The fellow could lead cataloging of social science interests across offices to establish a baseline understanding of where WETO and WPTO stand in understanding community impacts of respective technologies and support development of joint-office activities. Supporting these portfolios will allow the fellow to gain a broad understanding of how entities work together for coastal communities, gain important exposure to a large network of individuals across marine energy, obtain firsthand experience in understanding how the Sea Grant network functions, and learn about coordinating activities with National Labs.

2) Aquaculture Portfolio

Aquaculture is an emerging area of interest in the Power at Sea portfolio at WPTO, where current efforts are focused on understanding the role of marine energy in powering aquaculture as well as other offshore technologies like marine carbon dioxide removal and ocean observing systems. Additionally, recent Congressional language has directed WPTO and WETO to collaborate on funding research projects related to scalable aquaculture. A fellow interested in this topic could coordinate work across the offices in developing an aquaculture initiative to meet this Congressional direction, as well as contribute to efforts in the growing Power at Sea team at WPTO.

Other

In addition to the projects described above, the fellow will have the opportunities to get more involved with topics specific to each office, both within and outside of the interagency space. For example, WETO engages in a range of activities that focus on topics from advancing wind turbine technologies, to wind and oceanographic characterization, to characterizing environmental impacts, to furthering interagency partnerships on specific offshore wind issues. The Water Power office has a portfolio ranging from foundational research questions of how energy can be extracted from the ocean, to specific projects to understand how marine energy can advance coastal community resilience, power aquaculture installations and ocean observing devices, and contribute to climate change mitigation through marine carbon dioxide removal. All of these topics are relevant to other agency missions, and the fellow will have the opportunity to draw connections across offices and agencies to ensure the most impactful work is conducted.

Specific responsibilities of this position may include:

Providing policy and program support for interagency collaboration around energy innovation across WPTO and WETO

Represent WETO/WPTO on several interagency ocean policy groups, including the National Oceanographic Partnership Program (NOPP) and the Subcommittee on Ocean Science and Technology (SOST)

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Support WPTO and WETO's implementation of a strategic partnership plan aimed at supporting the NOAA Sea Grant Program Office (NSGO) and associated or relevant products or experiences

Support a project to meet the Congressional direction on aquaculture and/or other applications of energy at sea, like ocean observing and marine carbon dioxide removal

As needed, serve as a coordinator with other offices with ocean science, technology, and policy equities, like the Bioenergy Technologies Office, the Fuel Cells Technology Office, DOE's Office of Science, and others

Other duties as required

Under normal circumstances, travel (international and domestic) to attend conferences, technical tours, or other events of interest to the office or the fellow is highly encouraged. DOE is typically able to provide additional travel funding and encourages fellows to take full advantage of these funds, in-person (if possible), and/or virtually.

Expertise Desired:

The WETO and WPTO portfolios of activities are broad, covering a wide variety of marine science and policy areas. Previous experience in ocean renewables or energy is not necessary (and few of the offices' previous fellows have had any), but enthusiasm, curiosity, and a drive to try new things are essential!

Expertise in any of the following areas would be desired and immediately relevant.

Any relevant experience/familiarity/interest with/in offshore renewable energy technologies, including offshore wind, wave energy, ocean thermal conversion energy (OTEC), tidal/current energy, salinity/pressure gradients, or newly proposed marine bio-algal aquaculture systems

Interest in interdisciplinary, interagency, collaborative efforts

Background or interest in strategic planning and implementation

Background or interest in remote or isolated communities and stakeholder engagement at local, state, tribal, and federal levels

Background or interest in aquaculture

Ability to synthesize and communicate complex scientific information to various stakeholders and build relationships

Ability to complete tasks independently, but also in a collaborative team

Experience or interest in developing facilitation and partnership building skills

Offices Goals and Duties:

insert

Day in the Life:

Both WPTO and WETO foster a very collaborative environment, and both offices regularly work in close-knit teams. Much of the fellow's time will be dedicated to attending interagency and regional ocean policy group meetings for opportunities to connect with representatives from NOAA, NSF, BOEM, Navy and other relevant agencies. You will likely connect with other Knauss Fellows in these meetings. During these interagency meetings the fellow will serve several different roles within these groups. This role is ideal for a fellow interested in a wide array of marine policy topics as they have the opportunity to be

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connected across the federal government. The fellow will be expected to keep track of meeting notes and agendas to provide regular updates to the WETO and WPTO offices.

Each office has hosted multiple Knauss Fellows before and encourages fellows to take on leadership roles in existing projects as well as initiate their own projects. The position would report jointly to the WETO and WPTO. In the Water Power Office, the fellow would report to Carrie Schmaus (technology manager and 2018 Knauss Fellow) with support from the ME Program Manager, Tim Ramsey. In the Wind Energy Office, fellows will report to Joy Page (Acting Outreach and Engagement Lead, and Environmental Lead), Naomi Lewandowski (Environmental Specialist, and 2020 Knauss Fellow), Shaelyn Patzer (Partnership Specialist and 2021 Knauss Fellow), and Rin Ball (Outreach Specialist and 2021 Knauss Fellow). Across both offices, the fellow may receive support from previous Knauss Fellows who held the interagency position.

Fellows will be closely mentored by WPTO and WETO staff, depending on their interests and portfolios, as well as encouraged to find additional mentorship in and out of WPTO and WETO. The position is a mix (about 50/50) between High Level (30,000 foot) and Ground Level, with flexibility for the fellow to choose additional projects based on their interests in projects happening across both offices.

Office Culture:

Both WETO and WPTO have efforts dedicated to maintaining and improving a positive office culture. WPTO has a monthly brown bag, where office or lab members can present on topics they are working on or are interested in, and there is also a bi-weekly happy hour for DC-based folks to meet up as they are comfortable and available. WETO has ad-hoc brown bags with a similar goal as WPTO, as well as both in person and virtual happy hours. Both offices also have ad-hoc virtual happy hours and parties to socialize more casually. Further, both offices, having hosted numerous Knauss, ORISE, and AAAS fellows previously and currently, understand the purpose of the fellowship is both to explore interest areas and grow professionally and personally. Mentors from both offices are committed to providing an excellent experience for every fellow.

Office Location: Washington DC (Near the national mall)

Current Office Work Situation: Currently, both WPTO and WETO employees who live in the DC area are working in person one day a week (Wednesdays). However some employees work remotely on a permanent basis and visit the office for events, or meet up at conferences. The office will do their best to take the fellow's preference into consideration.

Travel within DC: Typically 4-5

Travel Outside of DC: Typically 1-2 averaged through the year

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Position Number: E23-72

Agency: DOE

Host Office: Wind Energy Technologies Office

Name/Title of Primary Mentor: Jian Fu/Engineer and Grid Lead

Co-Mentor: Nathan McKenzie

Position Title: Offshore Wind Technologies Specialist

FN Welcome: No

Portfolio Summary:

The Department of Energy's Wind Energy Technologies Office (WETO) invests in research that leads to the development of offshore and land-based wind energy projects in an environmentally-sound and cost-effective way. WETO has a large and growing offshore wind program aimed at achieving the Administration's 2030 and 2050 offshore wind deployment goals and beyond. A fellow in this position will have the unique opportunity to be at the intersection of marine science, environmental sustainability, electric grid, technology development, and renewable energy.

The fellow in this position will focus on either/both of the below topics. While the fellow does not need to necessarily be an offshore wind/renewable energy expert, it is desired that the fellow be interested in learning about offshore wind and that they have some relevant STEM expertise. Core responsibilities may include the topics and activities below, however, the position will be tailored to the mutual interest and experience of the fellow and the needs of WETO. These projects are expected to occupy 75% of the fellow's time with the remaining 25% to be determined by the fellow after gaining familiarity with the various types of work within WETO.

Offshore Wind Grid Integration:

The fellow will have the opportunity to assist in the management and execution of R&D (research and development) activities related to interconnecting offshore wind to the electric grid onshore. In particular, to:

Aid in the development of subsea cable R&D gap analysis through data collection and analytics in the areas of cable cost, capacity, voltage levels, installation techniques, operation and management, and environmental and social impacts both offshore and on landing points.

Offshore Wind Operations & Maintenance (O&M) and Reliability Research Strategy Development:

Assist in and potentially lead the development of an office-wide roadmap for O&M and Reliability technologies for offshore wind applications. Performing work on offshore platforms can be very challenging. With large quantities of offshore turbines expected, the relevance of improving O&M procedures is of increasing importance. This effort will include literature surveys and regular conversations with research leaders and relevant stakeholders to assess the current state of the art and to develop a plan for advancing it over the coming years.

Additional potential responsibilities:

The fellow will have about 25% of their portfolio to choose additional projects based on their own interests and on WETO needs. Examples include:

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Identifying key technological, regulatory, environmental, and socio-economic barriers to the development of the offshore wind industry.

Support coordination of internal WETO offshore wind activities and conduct program portfolio analyses.

Providing support and analysis to international data-sharing and research collaboration efforts.

Identifying key economic drivers influencing the cost of energy for offshore wind energy installations.

Recommending research projects, initiatives and approaches to support the development of offshore wind.

Assist in development of funding solicitations and participate in project selection process.

Support coordination of internal WETO offshore wind activities and conduct program portfolio analyses.

Aid in management and analysis of economic implications of offshore wind technology advancements.

Developing materials to communicate the Program's mission and activities to internal and external stakeholders.

Assisting the program in meeting other needs of internal and external stakeholders as they arise.

Support for offshore wind technology development portfolio, given fellow expertise.

Other duties as required.

Depending on interests, the fellow may report to Michael Derby, Program Manager for the Technology R&D portfolio, and Nathan McKenzie, Technology Manager for Offshore Wind R&D within the Technology R&D portfolio. The fellow may also report to Jian Fu, Program Lead for the Systems Integration R&D portfolio.

Expertise Desired:

Preferred subject matter expertise could include any of the following:

Grid policy

Electrical Engineering

Social science

Materials Science

Marine policy

Ocean engineering

Meteorology

Economics

Naval architecture

Mechanical or Aerospace Engineering

Additional preferred expertise:

Excellent oral and written communication skills

Optional: Knowledge of offshore wind transmission and transmission planning and siting policies

Optional: Knowledge of offshore wind technology, economics, resource assessments or other areas of expertise germane to offshore technology R&D and siting and deployment

Offices Goals and Duties:

insert

Day in the Life:

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The fellow in this position will be supporting work across a range of groups and levels, ranging from small internal teams, to coordination and partnership efforts across suite of government agencies and across offices within DOE. Fellows will part of a a dynamic office of about 30 people across technology, engineering, biology, and social science backgrounds. Depending on their interests, they will also be part of one or two smaller teams of 3-5 people that focus on wind energy issues in relation to the energy grid and/or wind energy technology research and development. Day-to-day duties will vary across projects as chosen by the fellows but will likely include participating in team goal planning, receiving updates on funded DOE research and projects, helping to plan for future funding, as well as participating in efforts to create a positive working environment.

Office Culture:

WETO has a highly collaborative and open work environment. Activities include ad-hoc brown bags where office members can present on topics they are working on or are interested in, as well as both in person and virtual happy hours to socialize more casually. Further, WETO has hosted numerous Knauss and ORISE fellows previously and currently, and understands the purpose of the fellowship is both to explore interest areas and grow professionally and personally. Mentors are committed to providing an excellent experience for every fellow.

Office Location: Washington, D.C. (near the National Mall)

Current Office Work Situation: Currently, WETO employees who live in the DC area are working in person one day a week (Wednesdays). However some employees work remotely on a permanent basis and visit the office for events, or meet up at conferences. The office will do their best to take the fellow's preference into consideration.

Travel within DC: 4-5

Travel Outside of DC: 1-2

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Position Number: E23-73

Agency: Executive Office of the President

Host Office: Office of Science and Technology Policy

Name/Title of Primary Mentor: Deerin Babb-Brott/Assistant Director for Ocean Policy

Co-Mentor: Laura Petes

Position Title: Ocean Policy Fellow

FN Welcome: No

Portfolio Summary:

In 1976, Congress established the White House Office of Science and Technology Policy (OSTP) to provide the President and others within the Executive Office of the President with advice on the scientific, engineering, and technological aspects of the economy, national security, homeland security, health, foreign relations, the environment, and the technological recovery and use of resources, among other topics. OSTP also leads interagency science and technology policy coordination efforts, , and serves as a source of scientific and technological analysis and judgment for the President with respect to major policies, plans, and programs of the Federal Government.

OSTP's Climate and Environment Team, where OSTP ocean policy staff sit and the Fellow will work, provides subject matter expertise on disciplines including ocean policy, ocean science and technology, climate, Earth observations, polar research, biodiversity and nature, and others. The Fellow will primarily support OSTP's ocean policy work, and will have the opportunity to engage in other components of OSTP's portfolio that may be of interest through projects of opportunity.

One of the Knauss Fellow's primary roles would be engaging with the Congressionally authorized Ocean Policy Committee. The Committee is a Cabinet-level interagency body that represents the more than 20 executive agencies and offices with ocean-related equities; it is co-chaired by the Director of OSTP and the Chair of the Council on Environmental Quality (CEQ). The Committee is staffed by the OSTP Asst. Director for Ocean Policy and the OSTP and CEQ Knauss Fellows.

Ocean policy staff interact extensively with Federal agencies, and with states, Tribes, and public and private stakeholders across the country. Staff interact with Federal agencies through such related entities as the National Science & Technology Council (NSTC) Subcommittee on Ocean Science and Technology (SOST), in the development of work plans, reports, projects of opportunity, and other materials; with Federal agency staff on various initiatives and as directed by OSTP and CEQ leadership; and with external coastal and ocean stakeholders.

The Fellow will: 1) assist in developing policy guidance and other materials related to implementation of Administration ocean policy, with a focus on ocean-climate related initiatives, wind energy development, marine biodiversity, environmental justice , a diverse blue workforce, and implementation of the National Strategy to Map, Explore, and Characterize the U.S. Exclusive Economic Zone; 2) participate in the development and/or implementation of new and/or ongoing ocean policy-related initiatives, which may include such issues as developing an Ocean Climate Action Plan, a National Sustainable Ocean Plan; new ways to present ocean spatial data; and advancing the Administration's ocean science and technology priorities; 3) serve as the primary contact with Federal agency staff in

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managing the review of reports, work plans, and other ocean science- and policy-related materials; 4) participate as directed by OSTP in and provide support for subject matter relevant to ocean policy addressed by subcommittees of the NSTC, such as climate, ocean science and technology, Arctic research, and others; 5) research, analyze, and develop written materials (briefings, memos, slide decks) on various ocean-related topics as needed; 6) support ocean policy staff by participating in internal and external meetings; and 7) participate in OSTP- initiatives as needed. We expect and encourage the Fellow to engage in material, activities, and initiatives specific to their subject matter expertise and particular interests.

Expertise Desired:

Capable of working independently and as a member of a team in a deadline-oriented environment; excellent writing and verbal communication skills; life experience in the coastal or ocean realm through work or study; demonstrated intellectual curiosity and a broad range of interests.

Offices Goals and Duties:

Insert

Day in the Life:

The position will entail a mix of High Level and Ground Level policy work. Because the Ocean Policy Committee (and most of OSTP's other activities) involve coordinating interagency actions, there will be extensive collaboration with staff in other offices of the President and in the agencies. At the same time, the Fellow will be responsible for specific initiatives, or components of initiatives, and will have the opportunity to develop subject matter and practical expertise in detailed policy development and implementation. The Fellow will join and be welcomed as a teammate by the Climate and Environment team.

Office Culture:

OSTP is mostly staffed by detailees from other agencies, experts on inter-personnel agreements with institutions and organizations outside of Federal government, and political appointees. There is a high expectation for ethical behavior and a strong commitment to excellence and service in advancing the President's and the Administration's priorities, as well as a strong commitment to fostering a diverse and inclusive work environment. Staff are appreciated and respected, and their contributions are acknowledged. The Climate and Environment ocean team is just that – a great team.

Office Location: Eisenhower Executive Office Building

Current Office Work Situation: Many OSTP employees telework a few days each week. Some OSTP employees telework more, while others are in the office full-time. We do have work space onsite available to the Knauss Fellow. OSTP (and all EOP components) are developing more of an in-person work culture as COVID-19 vaccines have become available and restrictions are receding.

Travel within DC: 0-3 (though with COVID concerns lessening, this may increase in 2023 as compared to 2022).

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Travel Outside of DC: 0 (though again, with COVID reducing, this may increase)

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Position Number: E23-74

Agency: FWS

Host Office: Fish and Aquatic Conservation Program (FAC)

Name/Title of Primary Mentor: Teresa Lewis/Division Chief, Fish and Aquatic Conservation Program

Co-Mentor: Marilyn Bisenieks

Position Title: Special Assistant to the FAC Division Chief

FN Welcome: No

Portfolio Summary:

The Special Assistant (Fellow) will work with the Headquarters FAC (HQ-FAC) Program Division Chief (Teresa Lewis) to identify objectives and strategies with legal, political, and technical aspects with conflicting demands on the various program branches and resources. The Fellow will assess and evaluate the immediate and potential impact of policy and program proposals submitted to the Division Chief and perform ongoing review and evaluation of programs and activities under the Division Chief's purview. They will study various reports, briefing papers, and other documents concerning proposed policy or program change or other issues submitted for decision by the Division. They will provide advice, analysis, and recommendations on policy issues related to the FAC Program. They will be responsible for project management, leadership collaboration, developing FAC documents and briefing materials for the Assistant Director (AD)/Deputy Assistant Director (DAD) on a wide variety of administrative and management-related matters. There will be several opportunities for individual projects throughout the year such as the current need to update the FAC National Strategic Plan. This position is an excellent opportunity to join a great team, be involved with complex issues, and influence conservation in our country. It is also a great opportunity for networking, professional development, and exposure to the USFWS at a national level. Involvement in important work arising from legislation such as the Bipartisan Infrastructure Bill as well as the Recovering America's Wildlife Act (if passed) will provide an opportunity to network with a number of States, Native American Tribes, other federal agencies, and NGO partners.

Expertise Desired:

Excellent collaboration, organizational, and people skills; strong written and oral communication skills; ability to manage multiple tasks under deadlines; ability to work independently as well as with teams; ability to remain level-headed and flexible in a fast-paced and changing environment; open to learning new ideas and to creatively develop alternative solutions; ability to proactively improve upon Program processes; ability to adhere to USFWS policy and practices related to workplace standards of conduct. Demonstrated experience translating research or technical concepts into actionable guidance is preferred. Interest in both aquatic and non-aquatic species conservation is strongly recommended.

Offices Goals and Duties:

2023 Knauss Executive Positions

The Fish and Aquatic Conservation (FAC) Program works with partners and the public to conserve fish and other aquatic resources for the continuing benefit of the American people. For over 150 years, the U. S. Fish and Wildlife Service (USFWS or Service) has provided economic and ecological benefits through the conservation of aquatic species and habitats. Since its inception as the United States Commission on Fish and Fisheries in 1871, the Service's Fisheries Program has worked collaboratively with Native American Tribes, States, landowners, and other partners and stakeholders to achieve the goals of healthy, self-sustaining populations of fish and other aquatic species, and the conservation or restoration of their habitats. More recently, aquatic invasive species management and applied science goals have been added to the FAC National Strategic Plan (2016-2020).

The FAC program has 135 offices and hatcheries from Alaska to Florida. This includes 70 National Fish Hatcheries, 51 Fish and Wildlife Conservation Offices, 7 Fish Technology Centers, 6 Fish Health Centers, and 1 Historic National Fish Hatchery. These field facilities recover and restore threatened, endangered or imperiled species, assist Native American tribes and other partners in managing fish and wildlife resources, advance fisheries and aquatic sciences and technologies, foster outdoor recreational opportunities, educate the public about the economic and ecological benefits of conserving aquatic species and their habitats, and address new and emerging challenges such as climate change.

Day in the Life:

The Fish and Aquatic Conservation program is a national leader in achieving sustainable populations of fish and other aquatic species and conserving and restoring their habitats for the benefit of current and future generations. HQ-FAC staff are responsible for developing national policies and guidance, coordinating with partners and stakeholders, and reviewing regulations and policies to achieve these goals. The Fellow will have the opportunity to engage in this coordination, provide briefing materials to Service as well as Department of Interior staff, engage with HQ staff and Regional Leadership in program level issues, write material for publication in the Federal Register and other communications, review national grants, and coordinate FAC Program budget needs and materials. The Fellow will interact with HQ-FAC staff face to face as well as virtually and become a member of the Fisheries Management Team for the duration of the Fellowship.

There is no typical day working for FAC post-COVID-19 but there are many meetings and calls, developmental and networking opportunities, and people engaged in a broad range of FAC-related work to learn from at Headquarters. In addition to working directly with the Division Chief and FAC AD and DAD, the Fellow will rotate through assignments from the various branches, including Hatchery Operations and Applied Science, Habitat Conservation and Aquatic Species, Aquatic Invasive Species, Budget and Information Management, Communications and Partnerships, and the Aquatic Animal Drug Approval Partnership (AADAP). AADAP is a remote branch from the HQ-FAC offices located in Falls Church and it is anticipated that the Fellow will travel to Bozeman, MT to complete a policy assignment working with this unique office within the FAC Program. The team expects to learn from the Fellow as well as providing them mentorship and the opportunity to make a significant contribution to the FAC Program.

Office Culture:

2023 Knauss Executive Positions

The USFWS Fish and Aquatic Conservation mission is to work with our partners and engage the public, using a science-based approach, to conserve, restore, and enhance fish and other aquatic resources for the continuing benefit of the American people.

Our vision is that the USFWS Headquarters Fish and Aquatic Conservation program will be a national leader in achieving sustainable populations of fish and other aquatic species, monitoring aquatic animal health, conserving and restoring aquatic habitats for the benefit of current and future generations, guarding against the impacts of aquatic invasive species, and contributing the best applied science support and policy to meet this vision.

It is a great time to be a part of the Fish and Aquatic Conservation Program. Diversity, inclusion, equity, accessibility, work-life balance, and a supportive office culture are all high priorities for our Directorate and Program leadership. HQ-FAC is committed to a new standard of work agreements that include prioritizing how staff work together in meetings, give/receive feedback, and collaborate across all six branches and with other Service programs and partners to meet our mission and fulfill our national vision. The Division is filled with a welcoming, passionate, dedicated, and innovative staff with shared values of respect, trust, communication, and a willingness to try new approaches to meet our mission. The Knauss Fellow will work directly with HQ-FAC staff under the supervision of the Division Chief. Access to all branches, as well as the senior leadership team (FAC AD, DAD, Division Chief) and the Fisheries Management Team (FAC Assistant Regional Directors, their Deputies, and Program Branch Chiefs), provides the opportunity to work at an executive level in the oldest Federal agency dedicated to conservation.

Office Location: Falls Church, VA

Current Office Work Situation: HQ-FAC Program currently requires staff to report to the office at least once a week. The Fellow will coordinate with the Division Chief on a reporting day. The Fellow will telework the remaining days of the week and travel will be assigned to meet specific objectives of this opportunity.

Travel within DC: 1-5 (flexible; depends on telework schedule as well as in-office meeting/training requirements)

Travel Outside of DC: 1-5 (flexible)

2023 Knauss Executive Positions

Position Number: E23-75

Agency: NOAA HQ

Host Office: Office of the Under Secretary of Commerce for Oceans and Atmosphere and NOAA Administrator

Name/Title of Primary Mentor: Karen Hyun/NOAA Chief of Staff

Co-Mentor: Michael Weiss

Position Title: Policy Analyst

FN Welcome: No

Portfolio Summary:

The fellow would support the Office of the Under Secretary/NOAA Administrator, working primarily with the Chief of Staff, Deputy Chief of Staff, and Senior Policy Advisors. The fellow will have a diverse and flexible portfolio, principally to support the NOAA Administrator's priorities and specifically to focus on implementation of \$6B for NOAA under the Bipartisan Infrastructure Act and Inflation Reduction Act investments in building a Climate Ready Nation, fostering a New Blue Economy, and embedding equity in everything we do.

Expertise Desired:

Fellows with a science, budget, policy, or legal background are encouraged to apply. Strong verbal and written communication skills are essential. The Fellow should be comfortable working independently and as part of a team of professional and senior staff within the Under Secretary's Office, other NOAA offices, agency partners, and external stakeholders.

The fellow should possess the following skills and abilities: Have an interest in public administration, organizational development, and strategic planning; ability to thrive in a highly collaborative and dynamic workplace; excellent written and oral communication skills; demonstrated organizational skills; have the ability to plan corporate events like workshops, conferences, and seminars; have some experience effectively communicating complex, sometimes controversial, information to a diverse audiences; attention to detail; and excellent interpersonal skills.

Offices Goals and Duties:

The Under Secretary of Commerce for Oceans and Atmosphere and NOAA Administrator formulates policies and programs for achieving the objectives of NOAA and has the authority for program execution. The Under Secretary's three main priorities are: establishing NOAA as the authoritative source for mission agnostic climate products and services and expanding and improving NOAA's climate products and services; advancing NOAA's complementary work on environmental stewardship and economic development with a particular focus on the New Blue Economy; and exhibiting equity in how we build and provide services- within NOAA, promoting diversity, equity, inclusion and accessibility in the workforce, and externally, providing equitable access to NOAA's products and services.

2023 Knauss Executive Positions

Day in the Life:

The fellow would be treated as an equal professional in the office and would be engaged in a range of activities. The office is a fast paced environment and day-to-day activities will include participating in internal and external (e.g., interagency, non-governmental) meetings,, providing staff support to the COS and Policy Team, coordination with other offices, gathering information, researching and drafting strategy, policy, and other documents, responding to requests for information, and briefing senior leaders.

Office Culture:

The office is an inclusive, team oriented work environment with the objective to provide first rate policy and other support to the Under Secretary and NOAA. There is a commitment to excellence, respect, integrity, and to service. The culture is one of professionalism, camaraderie, mutual support, (and it can't hurt to have a healthy sense of humor).

Office Location: Washington, D.C. -- HCHB 51030; Silver Spring MD- SSMC3 15400

Current Office Work Situation: Flexible, but ideally the Fellow would be in the office at least three days per week, as consistent with appropriate guidelines and protocols

Travel within DC: TBD, but likely 2-5

Travel Outside of DC: TBD, but likely fewer than 5 (not including travel to Silver Spring, MD offices)

2023 Knauss Executive Positions

Position Number: E23-76

Agency: NOAA HQ

Host Office: Office of the Under Secretary of Commerce for Oceans and Atmosphere and NOAA Administrator

Name/Title of Primary Mentor: Karen Hyun/NOAA Chief of Staff

Co-Mentor: Michael Weiss

Position Title: Policy Analyst

FN Welcome: No

Portfolio Summary:

The fellow would support the Office of the Under Secretary/NOAA Administrator, working primarily with the Chief of Staff, Deputy Chief of Staff, and Senior Policy Advisors. The fellow will have a diverse and flexible portfolio, principally to support the NOAA Administrator's priorities and specifically to focus on implementation of \$6B for NOAA under the Bipartisan Infrastructure Act and Inflation Reduction Act investments in building a Climate Ready Nation, fostering a New Blue Economy, and embedding equity in everything we do.

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