

2019

National Sea Grant Aquaculture Federal Funding Opportunities (FFOs)

National Sea Grant Office

March 4th, 2019



What is Sea Grant?



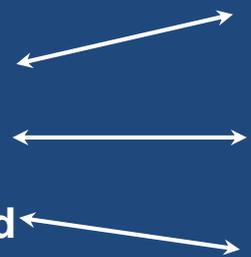
Photo credit: Beth Bisson, Maine Sea Grant

Based at universities across the country, Sea Grant works to provide research and outreach that help build and grow innovative businesses, protect against environmental destruction and natural disasters, and train the next generation of leaders.



Sea Grant

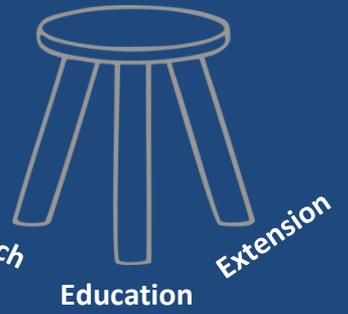
33 University-based programs



States

Industry

Institutions



Sea Grant's National Strategic Plan 2018-2021

Vision: Sea Grant envisions thriving coastal ecosystems and communities that are supported by an engaged public and informed decision-makers.

Mission: Sea Grant's mission is to enhance the practical use and conservation of coastal, marine and Great Lakes resources to create a sustainable economy and environment.

Core Values: Visionary, Collaborative, Dedicated to Sustainability, and Accountable

Cross-cutting Principles: Cultivate Partnerships and Enhance Diversity and Inclusion

Focus Areas: Healthy Coastal Ecosystems, Sustainable Fisheries and Aquaculture, Resilient Communities and Economies, Environmental Literacy and Workforce Development



seagrant.noaa.gov



Sea Grant Aquaculture 2019 FFOs

- Consistent with Sea Grant's national focus area of Sustainable Fisheries and Aquaculture, the Sea Grant Network 10-year Aquaculture Vision, and NOAA and Department of Commerce Aquaculture goals.
- Builds on numerous active aquaculture projects from NOAA's investments in extramural aquaculture research through Sea Grant, the National Marine Fisheries Service (fisheries commissions and Saltonstall-Kennedy), and NOAA Small Business Innovative Research (SBIR) grants.

Aquaculture 2019 FFOs

Three national competitions

1. FFO # NOAA-OAR-SG-2019-2005953: Social, Behavioral, and Economic Research Needs in Aquaculture
2. FFO # NOAA-OAR-SG-2019-2005960: Exploring New Aquaculture Opportunities
3. FFO # NOAA-OAR-SG-2019-2005963: Advanced Aquaculture Collaborative Programs

Posted on grants.gov - February 25th, 2019

Today's Webinar will review

- Program Objective and Priorities unique to each FFO
- Requirements common to all FFOs
- Questions

Aquaculture Competition #1

FFO# NOAA-OAR-SG-2019-2005953

Social, Behavioral, and Economic Research Needs in Aquaculture

Sea Grant anticipates having approximately \$3,000,000 to fund projects of up to a total of \$250,000 in Federal funds

Projects will run up to 2 years

Awards are expected to start on September 1, 2019 and be completed by August 31, 2021

FFO# NOAA-OAR-SG-2019-2005953

Social, Behavioral, and Economic Research Needs in Aquaculture

Competition Objective and Priorities:

- Supporting research to address critical gaps in social, behavioral, and economic knowledge as it relates to U.S. aquaculture and the communities impacted and served by it.

FFO# NOAA-OAR-SG-2019-2005953

Social, Behavioral, and Economic Research Needs in Aquaculture

Successful applicants will propose to complete at least one of the following:

- Analyses of aquaculture **business models** that involve collaborative or cooperative relationships with commercial fishing and/or conservation communities.
- Assessments that identify local, state, and/or federal **regulatory and policy barriers** to entry and/or expansion for commercial aquaculture.
- Assessments that identify **social and cultural perceptions** of commercial aquaculture production and products in the U.S.
- Economic analyses, including modelling, that evaluates the relative **cost and value** of different aquaculture systems, species, as well as major components of production and distribution.

FFO# NOAA-OAR-SG-2019-2005953

Social, Behavioral, and Economic Research Needs in Aquaculture

Eligible Applicants

- The following entities are eligible and encouraged to participate in this funding opportunity:
 - Any individual
 - Any public or private corporation, partnership, or other association or entity (including any Sea Grant College, Sea Grant Institute or other institution)
 - Any State, political subdivision of a State, Tribal government or agency or officer thereof

Aquaculture Competition #2

FFO # NOAA-OAR-SG-2019-2005960

Exploring New Aquaculture Opportunities

Sea Grant anticipates having approximately \$1,500,000 to fund projects of up to a total of \$100,000 in Federal funds

Projects will run for 1-2 years

Awards are expected to start on September 1, 2019 and be completed by August 31, 2021

FFO # NOAA-OAR-SG-2019-2005960

Exploring New Aquaculture Opportunities

Competition Objective and Priorities:

- Developmental efforts that will build the capacity of Sea Grant and its partners around diverse aquaculture issues for which a minimal foundation currently exists.
- Fund higher risk, higher reward projects that will bring experts together to identify needs and gaps in their focal area.
- Projects may support tool development, workshops, education, outreach, business planning, and/or trainings addressing geographic or topical aquaculture issues.

FFO # NOAA-OAR-SG-2019-2005960

Exploring New Aquaculture Opportunities

Successful applicants will:

- Address challenges within a geographic or topical area (see FFO for examples)

These projects could lay the foundation for transdisciplinary approaches that incorporate physical, biological, and social sciences as well as traditional knowledge, stakeholder perspectives, and/or practitioner experience, as appropriate.

It is not a priority to fund individual research projects

FFO # NOAA-OAR-SG-2019-2005960

Exploring New Aquaculture Opportunities

Eligible Applicants

- Sea Grant College Programs, Sea Grant Institutional Programs, Sea Grant Coherent Area Programs, and the National Sea Grant Law Center.
- Other interested entities must work with a relevant Sea Grant Program to establish appropriate collaborations.
 - This includes: any individual; any public or private corporation, partnership, or other association or entity; or any State, political subdivision of a State, Tribal government or agency or officer thereof.

Aquaculture Competition #3

FFO # NOAA-OAR-SG-2019-2005963

Advanced Aquaculture Collaborative Programs

Sea Grant anticipates having approximately at least \$9,000,000 to fund projects of up to a total of \$1,200,000 in Federal funds

Projects will run for up to 3 years

Awards are expected to start on September 1, 2019 and be completed by August 31, 2022

FFO # NOAA-OAR-SG-2019-2005963
Advanced Aquaculture Collaborative Programs

Competition Objective and Priorities:

- Creating geographic (e.g. region of the country, state vs. federal waters, tropical, Great Lakes or cold-water) or topical (e.g. shellfish, seaweed, finfish, open ocean or recirculating systems) collaborative programs.
- Will significantly advance sustainable domestic marine and Great Lakes aquaculture in areas for which a foundation of knowledge and activity currently exists but where significant barriers remain.

FFO # NOAA-OAR-SG-2019-2005963

Advanced Aquaculture Collaborative Programs

The collaborative programs will:

- Serve as hubs for fully integrated research, outreach, and education.
- Provide broad, non-proprietary support and investment in building, and/or enhancing a geographic or topical aquaculture industry.
- Integrate multiple disciplines and sources of knowledge to lead to new and novel understanding and solutions.

FFO # NOAA-OAR-SG-2019-2005963

Advanced Aquaculture Collaborative Programs

Successful applicants will address the following:

- Conduct a comprehensive assessment of existing knowledge for the topic and/or geography of focus.
- Involve diverse partnerships and stakeholders (including across sectors and among Sea Grant Programs).
- Support critical extension/technology transfer capacity to enhance the synthesis and transfer of past research as well as inform next generation efforts.
- Advance the topic or geography of focus to the next appropriate phase of development.

It is not a priority to fund individual research projects

FFO # NOAA-OAR-SG-2019-2005963

Advanced Aquaculture Collaborative Programs

Eligible Applicants

- Sea Grant College Programs, Sea Grant Institutional Programs, Sea Grant Coherent Area Programs, and the National Sea Grant Law Center.
- Other interested entities must work with a relevant Sea Grant Program to establish appropriate collaborations.
 - This includes: any individual; any public or private corporation, partnership, or other association or entity; or any State, political subdivision of a State, Tribal government or agency or officer thereof.

Common Issues for all FFOs

All letters of intent (LOIs) submitted to
oar.hq.sg.aquaculture@noaa.gov

All proposals submitted directly into grants.gov

Information on how to obtain a DUNS number

<https://www.grants.gov/applicants/organization-registration/step-1-obtain-duns-number.html>

Non-federal matching funds equal to at least 50 percent of the federal funding request must be provided unless a waiver justified by statute is granted

Project Proposal Narrative Requirements (applies to all three FFOs)

Advanced Aquaculture Collaborative FFO: 25 page limit

Exploring New Opportunities FFO and Social, Behavioral, Economic
Research Needs FFO: 15 page limit

1. Introduction/background/justification
2. Project Objectives
3. General work plan and milestones
4. Anticipated outcomes
5. Coordination with Sea Grant program elements, such as research, outreach (including extension and communication), and education
6. References and literature citations*
7. Short CVs (2 pages each)*
8. Letters of Support*

* Indicates that these elements do not count against page limits

Additional Requirements and Forms (applies to all three FFOs)

Project Narrative

- Project Proposal Narrative (previous slide)
- Sea Grant 90-2 Project Summary Short Form
- Abbreviated Environmental Compliance Questionnaire
- Data Management Plan

Budget Narrative

- Sea Grant 90-4 Forms - annual and cumulative total budgets (Year 1, Year 2, and Years 1-2) as well as any sub-awards
- Budget Justification Narrative

Federal Forms

- SF-424, SF-424B, CD-511, SF-LLL – available on [grants.gov](https://www.grants.gov)
- SF-424A, extra section B – available on Sea Grant website.

Common Issues for all FFOs

All requirements must be satisfied in order for the application to proceed on to merit review. Applications that do not contain ALL required elements will be rejected.

Applicants must redact all Personally Identifiable Information (PII) in the application materials prior to final submission to grants.gov. PII that must be redacted from the application includes social security number and date of birth.

Applicants may contact the competition manager to confirm receipt of required application elements prior to grants.gov deadline.

Common Issues for all FFOs

All funded applicant(s)/teams will be required to participate in an annual National Sea Grant Aquaculture Symposium to share results of work done, challenges, and next steps.

Resources for all FFOs

Sea Grant Forms (90-2, 90-4, Abbreviated Environmental Compliance Questionnaire)

<https://seagrants.noaa.gov/insideseagrants/Implementation>

Sea Grant Application Guidance

<https://seagrants.noaa.gov/Portals/1/Guidance/SeaGrantGeneralApplicationGuide.pdf>

2 CFR 200 - Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards

https://www.ecfr.gov/cgi-bin/text-idx?tpl=/ecfrbrowse/Title02/2cfr200_main_02.tpl

Evaluation Criteria for all FFOs

	Social, Behavioral and Economic Research	Exploring New Opportunities	Advanced Aquaculture Collaborative
Importance/relevance and applicability to program priority(ies)	30 points	35 points	30 points
Technical/Scientific merit	25 points	25 points	25 points
Overall qualifications of applicants	10 points	5 points	10 points
Project costs	10 points	10 points	10 points
Outreach and Education	25 points	25 points	25 points

Deadlines for all FFOs

	Social, Behavioral and Economic Research	Exploring New Opportunities	Advanced Aquaculture Collaborative
Project Proposal Narrative page limit	15	15	25
Eligible Applicants and submission	All interested entities (as defined in FFO)	Sea Grant Programs (as defined in FFO)	Sea Grant Programs (as defined in FFO)
Letters of Intent (required) due to NSGO via email***	April 2, 2019, 5:00 pm ET	March 26, 2019, 5:00 pm ET	April 15, 2019, 5:00 pm ET
Application Materials due to Grants.gov***	May 1, 2019, 5:00 pm ET	April 24, 2019, 5:00 pm ET	May 15, 2019, 5:00 pm ET
Project time limit	up to 2 years	1-2 years	up to 3 years
Project cost ceiling (Federal funds)	\$250,000	\$100,000	\$1,200,000

Additional aquaculture-related funding opportunities currently open from NOAA National Marine Fisheries Service (NMFS)

- Regional Oyster Aquaculture Consortia (Gulf, Pacific, Atlantic)
- Marine Aquaculture Pilot Projects

For more information, see NOAA Aquaculture competitions:
<https://www.fisheries.noaa.gov/funding-opportunities>

Questions

To be addressed in order of FFOs presented:

- # NOAA-OAR-SG-2019-2005953: Social, Behavioral, and Economic Research Needs in Aquaculture
- # NOAA-OAR-SG-2019-2005960: Exploring New Aquaculture Opportunities
- # NOAA-OAR-SG-2019-2005963: Advanced Aquaculture Collaborative Programs

Contact Information

Competition Inbox (managed by a team):

oar.hq.sg.aquaculture@noaa.gov

Kola Garber, Aquaculture Program Lead:

Nikola.Garber@noaa.gov | (301) 734-1079

Meredith Muth, Aquaculture Manager:

Meredith.f.muth@noaa.gov | (301) 734-1217