

**Funded Research Projects
1968 - 2016**

Funding Period	PI	Title	Institution/Affiliation	Amount
2016/2018	Lisa Campbell	A new early warning tool to mitigate harmful algal blooms	Texas A&M University	\$194,879.00
2016/2018	Kuang-An Chang	Study of wetland erosion due to storms through combined field, laboratory, and numerical investigations	Texas A&M University	\$200,000.00
2016/2018	Kerri Crawford	Determining the suitability of soil microbial amendments to enhance ecological restoration of coastal Texas sand dunes	University of Houston	\$158,771.00
2016/2018	Diego Figueroa	The South Texas Banks ecosystem: oceanography, biodiversity and genetics	University of Texas - Rio Grande Valley	\$179,027.00
2016/2018	Christopher Gabler	Testing macroclimate models of coastal wetland plant communities	University of Houston	\$199,896.00
2016/2018	Kirby Goidel	Perceptions of community resilience in Texas shoreline counties	Texas A&M University	\$197,245.00
2016/2018	Luis Hurtado	Conservation genomics of the critically endangered Kemp's ridley sea turtle (<i>Lepidochelys kempii</i>)	Texas A&M University	\$200,000.00
2016/2018	Zhanfei Liu	Bioavailability and chemical characterization of dissolved organic nitrogen in South Texas rivers	University of Texas Marine Science Institute	\$197,078.00
2014/2016	Steven Pennings	Mangroves are invading Texas salt marshes: what are the consequences	University of Houston	\$273,314.00
2014/2016	Michael Wetz	Identification of organic matter sources contributing to hypoxia formation in two eutrophic South Texas estuaries: relationships to watershed land use practices	Texas A&M University - Corpus Christi	\$274,990.00
2014/2016	Jens Figlus	If we lose Folletts Island, we lose coastal communities and Christmas Bay: A geological framework and numerical model study of the sustainability of Folletts Island	Texas A&M Galveston	\$261,793.00
2014/2016	Dorina Murgulet	Evaluating Groundwater/Surface-Water Inflow and Nutrient Transport to Texas Coastal Embayments	Texas A&M University - Corpus Christi	\$217,189.00
2014/2016	Masami Fujiwara	Economic Valuation of Brown and White Shrimps as Forage Species in the Coastal Areas of Texas	Texas A&M University	\$219,816.00
2014/2016	Luis Hurtado	Assessment of Population Genetic Differentiation of the Blue Crab (<i>Callinectes sapidus</i>) in the Gulf of Mexico using Next Generation Sequencing Technologies	Texas A&M University	\$292,874.00
2012/2014	Steve Pennings	Mangroves invading Texas salt marshes: does it matter?	University of Houston	\$290,875.00
2012/2014	Paul Zimba	The Toxin(s) of Texas Brown Tide Organism <i>Aureoumbra lagunensis</i> , and its Impacts on Shellfish	Texas A&M University - Corpus Christi	\$166,045.00
2012/2014	Scott Socolofsky	Fish larvae recruitment to Texas Bays through Aransas Pass	Texas A&M University	\$188,533.00
2012/2014	Bryan Brooks	Determining Pharmaceutical Loadings to Select Texas Coastal Systems and Associated Risks to Aquatic Life	Baylor University	\$294,735.00
2012/2014	Chris Houser	Perception of the rip current hazard on Galveston Island and Padre Island	Texas A&M University	\$137,125.00
2012/2014	Jay Rooker	Movement and population connectivity of fishes across estuarine seascapes	Texas A&M Galveston	\$207,012.00
2012/2014	Fouad Jaber	Modeling Low Impact Development for Optimal Performance in Texas Coastal Zones	Texas A&M University	\$182,430.00
2012/2014	Masami Fujiwara	Investigation of short-term fluctuation in shrimp abundance in the Gulf of Mexico	Texas A&M University	\$152,000.00
2010/2012	David Hicks	An experimental test of the effects of beach raking on macroinvertebrate communities of Texas beaches	University of Texas - Brownsville	\$70,730.00
2010/2012	John Gold	Genetic Effective Size in Hatchery-raised Spotted Seatrout, <i>Cynoscion nebulosus</i> , Released for Stock Enhancement in Texas Bays and Estuaries	Texas A&M University	\$16,570.00
2010/2012	Jennifer Irish	Wave Hydrodynamics in Segmented Wetlands with Application to Hurricane Damage Reduction and Wetlands Management and Preservation	Texas A&M University	\$100,000.00
2010/2012	Jennifer Irish (Regional)	A parameterized climate change projection model for hurricane flooding, wave action, economic damages and population dynamics	Texas A&M University	\$300,000.00
2010/2012	George Guillen	Population Status and Demographics of the Texas Diamondback Terrapin (<i>Malaclemys terrapin littoralis</i>)	University of Houston - Clear Lake	\$55,585.00
2010/2012	Delbert Smee	Marine Education: Teaching High School Students the Scientific Method through Involvement in an Ongoing Field Experiment	Texas A&M University - Corpus Christi	\$93,180.00
2010/2012	Andre Landry	Post-Hurricane Ike Recovery of Upper Texas Coast Beaches and Their Role in Sea Turtle Recovery	Texas A&M Galveston	\$163,900.00
2010/2012	Timothy Dellapenna	Geological Controls on Submarine Groundwater discharge into an upper bay estuary-Copano Bay	Texas A&M Galveston	\$266,898.00
2010/2012	Benjamin Walther	Freshwater residence and habitat requirements of southern flounder determined by otolith microchemistry	University of Texas Marine Science Institute	\$122,388.00
2010/2012	Lee Fuiman	Promoting larval survival through broodstock diet: Implications for fish stock enhancement	University of Texas Marine Science Institute	\$171,531.00
2010/2012	Lisa Campbell	Role of microzooplankton in coastal ecosystems: viewing windows of opportunity	Texas A&M University	\$159,860.00
2010/2012	Daniel Thornton	Evaluation of LISST instruments to monitor for harmful algal blooms (HABs) in Texas coastal waters	Texas A&M University	\$49,360.00
2010/2012	Steven DiMarco	Investigating the Processes that Affect Texas Coastal Hypoxia	Texas A&M University	\$95,150.00

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Funding Period	PI	Title	Institution/Affiliation	Amount
2008/2010	Jennifer Irish	Quantification of Hurricane Flooding Reduction by Vegetation along the Texas Coast	Texas A&M University	\$202,647.00
2008/2010	Scott Socolofsky	Field and Numerical Investigations of Tidal Vortices for Estuary Exchange Flows through Inlets on the Texas Coast	Texas A&M University	\$193,674.00
2008/2010	Samuel Brody	A Coastal Communities Planning Atlas for Decision Makers and Local Residents: Phase II	Texas A&M University	\$193,848.00
2008/2010	Antonietta Quigg	Influence of nutrient and sediment load on our ability to define beneficial flows for Galveston bay	Texas A&M Galveston	\$236,928.00
2008/2010	Jae Young Ko	A comparative study of market and non-market valuations for selected ecosystem services of Galveston Bay	Texas A&M Galveston	\$99,974.00
2008/2010	Deana Erdner	Genetic analysis of nitrogen assimilation in the Texas brown tide <i>Aureoumbra lagunensis</i>	University of Texas Marine Science Institute	\$165,375.00
2008/2010	Troy Holcombe	Making Bathymetry of TX-LA Coastal and Continental Shelf/Slope areas compatible with Geographic Information Systems	Texas A&M University	\$14,605.00
2008/2010	Patrick Larkin	Mapping genetic structure in the seagrass <i>Halodule wrightii</i> (shoalgrass) along the Texas Gulf Coast	Texas A&M University - Corpus Christi	\$92,173.00
2008/2010	Tzachi Samocha	Viral-pathogen-free <i>Farfantepenaeus duorarum</i> broodstock production for sustainable live bait shrimp farming in Texas	Texas A&M University	\$159,097.00
2008/2010	John Gold	Genetic Markers and their assay for critical studies of spotted Seatrout (<i>Cynoscion nebulosus</i>) in Texas bays	Texas A&M University	\$93,608.00
2008/2010	Delbert Gatlin	Utilization of Seafood Processing Wastes in Aquaculture through Integrated Nutritional and Food Manufacturing Technologies	Texas A&M University	\$163,793.00
2006/2008	Scott Socolofsky	Laboratory studies of mixing processes in estuaries and coastal flows on the Texas coast	Texas A&M University	\$203,567.00
2006/2008	Addison Lawrence	Dietary nutrient requirement determination and feed development for sea urchins as biomedical, ecotoxicological and educational models	Texas A&M University - Corpus Christi	\$151,683.00
2006/2008	Samuel Brody	Developing a coastal communities planning atlas as an educational tool for decision makers and local residents	Texas A&M University	\$255,516.00
2006/2008	Andre Landry	An assessment of Sea Turtle assemblages in Texas Estuaries	Texas A&M Galveston	\$163,870.00
2006/2008	Peter Thomas	Evaluation of Atlantic Croaker indicators of ecosystem integrity	University of Texas Marine Science Institute	\$147,338.00
2006/2008	Tom Ravens	Design of erosion resistant marshes	Texas A&M Galveston	\$147,453.00
2006/2008	Peter Santschi	Factors regulating microbial degradation of dioxins in estuarine sediments: Houston Ship Channel and Galveston Bay, Texas	Texas A&M University	\$250,505.00
2006/2008	Gregory Stunz	Recruitment, spatial distribution and fine-scale movement patterns of Red Drum (<i>Sciaenops ocellatus</i>) through major and shallow passes in Texas	Texas A&M University - Corpus Christi	\$150,148.00
2004/2006	Scott Socolofsky	Laboratory studies of exchange processes through tidal inlets on the Texas coast	Texas A&M University	\$137,734.00
2004/2006	Hongxing Liu	Quantitative analysis of short-term seasonal shoreline variations in Texas gulf Coast using high-resolution satellite imagery and GIS technique	Texas A&M University	\$175,912.00
2004/2006	Henrietta Edmonds	Quantifying groundwater inputs to South Texas Bays: a multiple tracer approach	University of Texas Marine Science Institute	\$129,215.00
2004/2006	Scott Holt	The Role of Larval Supply and Post-Settlement Processes in Recruitment Variability of Southern Flounder (<i>Paralichthys lithostigma</i>) Populations in Texas	University of Texas Marine Science Institute	\$103,043.00
2004/2006	Tom Ravens	Design of ecologically rich and sustainable beneficial use area	Texas A&M Galveston	\$101,058.00
2004/2006	Ayal Anis	Physical Control of Nutrient Fluxes in Galveston Bay	Texas A&M University	\$209,119.00
2004/2006	Troy Holcombe	New Bathymetry of the Texas-Louisiana Continental Shelf: Education, Research, Engineering, Decision-making	Texas A&M University	\$235,331.00
2004/2006	Daniel Roelke	The influence of reduced freshwater inflows on primary productivity and standing phytoplankton biomass in the San Antonio and Aransas Bay system: Use of high resolution spatial mapping	Texas A&M University	\$220,121.00
2004/2006	William Neill	Effects of Environmental Variation and Feed Energy-Density on Juvenile Red Drum Growth	Texas A&M University	\$154,927.00
2001/2004	Hudson Deyoe	Innovative tools for seagrass monitoring	University of Texas - Pan America	\$210,338.00
2001/2004	Jay Rooker	Origins and mixing rates of red drum stock: assessing the contribution of different nursery grounds using biogeochemical fingerprints	Texas A&M Galveston	\$246,126.00
2001/2004	Jaime Alvarado-Bremer	Identifying young commercial shrimp by combining developmental morphology and Molecular genetics	Texas A&M Galveston	\$63,391.00
2001/2004	Randall Davis	Stock Assessment, Movement Patterns and Habitat of Sperm Whales in the North-central Gulf of Mexico	Texas A&M Galveston	\$261,043.00
2001/2004	Peter Santschi	Role of natural organic matter in governing the bioavailability of potentially toxic metals to estuarine bivalves	Texas A&M Galveston	\$241,859.00

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2001/2004	Edward Buskey	The use of RNA:DNA ratios to assess the health of the planktonic food web in Texas coastal bays	University of Texas Marine Science Institute	\$88,569.00
2001/2004	Lee Fuiman	Contaminants in Texas Bays: Impairment of Red Drum survival skills and the consequences for their population	University of Texas Marine Science Institute	\$144,413.00
2001/2004	Peter Thomas	Assessment of feminization in male croaker and the presence of estrogenic contaminants in estuarine environments	University of Texas Marine Science Institute	\$231,067.00
2001/2004	Tom Ravens	Sediment transport modeling and assessment of erosion control techniques on Galveston Island	Texas A&M Galveston	\$188,608.00
2001/2004	Worth Nowlin	Processes responsible for hypoxia in the Gulf of Mexico; A re-evaluation with additional data and a fresh perspective	Texas A&M University	\$83,207.00
2001/2004	Niall Slowey	Corals at the Flower Garden Banks: Monitors of Environmental Change	Texas A&M University	\$183,197.00
2001/2004	John McEachran	Survey and inventory of fishes of the Gulf of Mexico	Texas A&M University	\$20,196.00
2001/2004	John Gold	Development and Application of Hypervariable DNA Marker (Microsatellites) to Basic and Applied Research Problems in Red Drum (<i>Sciaenops ocellatus</i>)	Texas A&M University	\$329,224.00
1998/2001	David Owens	Endangered Marine Turtles: Symptoms of an Education Necessity	Texas A&M University	\$59,920.00
1998/2001	Violetta Lien	Field testing, revision, and dissemination of marine education resource unit for middle schools	University of Texas	\$137,567.00
1998/2001	Andre Landry	Recruitment and Population Status of Kemp's Ridley Sea Turtles in Nearshore Gulf Waters	Texas A&M Galveston	\$240,487.00
1998/2001	Gary Gill	The Importance of Episodic Events on Turbidity and the Mobility of Heavy Metals in Texas Estuaries	Texas A&M Galveston	\$190,585.00
1998/2001	Peter Santschi	Bioavailability of colloid-associated metals to estuarine bivalves	Texas A&M Galveston	\$237,538.00
1998/2001	D. Allen Davis	Nutritional strategies for the reduction of mariculture waste production	University of Texas Marine Science Institute	\$230,374.00
1998/2001	Joan Holt	The Influence of Salinity on Reproduction, Egg and Larval Development in Spotted Seatrout (<i>Cynoscion nebulosus</i>)	University of Texas Marine Science Institute	\$117,531.00
1998/2001	Scott Holt	The Role of Water-Level Fluctuations in Recruitment of Red Drum Larvae: Stable Isotopes as Tracers	University of Texas Marine Science Institute	\$226,020.00
1998/2001	George Jackson	Simulation of larval transport from the Texas coastal ocean to a bay	Texas A&M University	\$168,405.00
1998/2001	James Heilman	Primary and secondary productivity in coastal wetlands: alteration by freshwater and nutrients	Texas A&M University	\$19,575.00
1998/2001	David Busbee	A Reporter Gene System for Detecting and Investigating Marine Pollutants with Endocrine Disruptive Activities	Texas A&M University	\$24,515.00
1998/2001	Leonard DiMichele	A Rapid Quantitative Method for the Measurement of Growth Rate in Marine Ecosystems	Texas A&M University	\$26,628.00
1998/2001	Delbert Gatlin	Nutritional and Environmental Manipulations to Reduce Wastes in Mariculture	Texas A&M University	\$206,862.00
1997/1998	Lonnie L. Jones	Impacts of recreational and commercial fishing and coastal resource based tourism on regional and state economics	Texas A&M University	\$70,137.00
1997/1998	David W. Owens	Marine turtles: Symptoms of an education necessity	Texas A&M University	\$56,347.00
1997/1998	John W. Tunnell, Jr.	Physiological tolerances and nonchemical control strategies for the recently introduced macrofouling brown mussel	Texas A&M University - Corpus Christi	\$16,275.00
1997/1998	Violetta F. Lien	Development of middle school marine education resource manual	University of Texas - San Antonio	\$36,479.00
1997/1998	Andre M. Landry, Jr.	Population status and ecology of Kemp's Ridley sea turtle in a Gulf of Mexico index habitat	Texas A&M Galveston	\$33,093.00
1997/1998	Donald E. Harper, Jr.	The effect of prey densities and nursery habitat quality on penaeid shrimp recruitment success	Texas A&M Galveston	\$28,356.00
1997/1998	Phillip S. Levin	Recruitment and post-recruitment mortality on Red drum in Galveston Bay: What nursery habitats are critical	Texas A&M Galveston	\$63,283.00
1997/1998	Philip G. Lee	Development of computer controlled, integrated dephosphatization/denitrification filtration system	University of Texas Medical Branch	\$69,947.00
1997/1998	C.S. Giam	A new approach to monitoring exposure of aquatic organisms to organic pollutants	Texas A&M Galveston	\$59,630.00
1997/1998	G. Joan Holt	Hatchery technology for the utilization of artificial diets in intensive culture of fish larvae	University of Texas Marine Science Institute	\$29,682.00
1997/1998	Paul A. Montagna	A new molecular and statistical approach to measure anthropogenic impacts	University of Texas Marine Science Institute	\$58,906.00
1997/1998	Dean A. Stockwell	Development and use of an immuno-flourescent probe for the Texas brown tide alga	University of Texas Marine Science Institute	\$35,721.00
1997/1998	Scott A. Holt	Recruitment success of estuarine dependent marine fishes: Growth and natural mortality of larval and juvenile recruits	University of Texas Marine Science Institute	\$29,537.00
1997/1998	James L. Way	Antagonism of sulfide intoxication with marine enzymes in cell carriers	Texas A&M University	\$35,000.00
1997/1998	George A. Jackson	Simulation of larval transport from Texas coastal ocean to bay	Texas A&M University	\$63,028.00
1997/1998	James L. Heilman	Tower based conditional sampling to monitor the impact of freshwater management on coastal wetlands	Texas A&M University	\$62,688.00

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Funding Period	PI	Title	Institution/Affiliation	Amount
1997/1998	Leonard DiMichele	A rapid quantitative method for the measurement of growth rate in marine ecosystems	Texas A&M University	\$37,909.00
1995/1997	Wade L. Griffin	Biological and economic impacts of a limited entry program in the Texas bay and bait shrimp fishery	Texas A&M University	\$39,685.00
1995/1997	David W. Owens	The reproductive and migratory biology of sea turtles in the Gulf of Mexico	Texas A&M University	\$58,264.00
1995/1997	John W. Tunnell, Jr.	Physiological tolerances and nonchemical control strategies for the recently introduced macrofouling brown mussel, <i>Perna perna</i>	Texas A&M University - Corpus Christi	\$48,446.00
1995/1997	George H. Ward	Hydrodynamic and circulation data set for Matagorda Bay	University of Texas	\$48,401.00
1995/1997	Larry L. Keeley	Biotechnology of gonad inhibiting hormone to improve penaeid shrimp aquaculture	Texas A&M University	\$72,869.00
1995/1997	Donald E. Harper, Jr.	The effect of prey densities and nursery habitat quality on penaeid shrimp recruitment success	Texas A&M Galveston	\$46,146.00
1995/1997	Andre M. Landry, Jr.	Population status and ecology of Kemp's Ridley sea turtle in a Gulf of Mexico index habitat	Texas A&M Galveston	\$62,454.00
1995/1997	G. Joan Holt	Microbial hatchery technology for the utilization of artificial diets in intensive culture of fish larvae	University of Texas Marine Science Institute	\$58,056.00
1995/1997	G. Joan Holt	The influence of salinity of reproduction and larval development in Spotted seatrout (<i>Cynoscion nebulosus</i>)	University of Texas Marine Science Institute	\$45,000.00
1995/1997	Scott A. Holt	Recruitment success of estuarine dependent marine fishes: Growth and natural mortality of larval and juvenile recruits	University of Texas Marine Science Institute	\$52,666.00
1995/1997	Richard K. Tinnin	Marine field experiences for teachers and students	University of Texas Marine Science Institute	\$72,693.00
1995/1997	James L. Way	Antagonism of sulfide intoxication with marine enzymes in cell carriers	Texas A&M University	\$55,065.00
1995/1997	John W. Morse	Pollutant metal removal and release via reactions with sedimentary pyrite	Texas A&M University	\$55,545.00
1995/1997	John L. Crompton	Evaluating and positioning the south Texas coastal region as a retiree relocation destination	Texas A&M University	\$44,982.00
1995/1997	David H. Bade	Vegetative enhancement of coastal dredge disposal sites for increased forage production and amended soil salinity	Texas A&M University	\$31,463.00
1995/1997	Joe M. Fox	Shrimp nitrogen and phosphorus excretion and its mitigation in aquaculture receiving streams	Texas A&M University	\$51,057.00
1995/1997	Tammy Holiday	Blue rayon versus oysters as <i>in situ</i> accumulative monitors	Texas A&M Galveston	\$45,002.00
1995/1997	Graham A.J. Worthy	Bottlenose dolphins as environmental monitors, Phase II	Texas A&M Galveston	\$62,947.00
1995/1997	Robert M. Jones	What's the point? A coastal education program on on-point source pollution	University of Houston - Clear Lake	\$81,964.00
1993/1995	David W. Owens	The reproductive and migratory biology of sea turtles in the Gulf of Mexico	Texas A&M University	\$42,984.00
1993/1995	John W. Tunnell, Jr.	The invasive biology of the edible brown mussel, <i>Perna perna</i> (Linnaeus, 1758) on the south Teas coast	Texas A&M University - Corpus Christi	\$32,857.00
1993/1995	Neal E. Armstrong	Modeling metals in Galveston Bay	University of Texas	\$45,000.00
1993/1995	Bernd Würsig	Bottlenose dolphins as environmental monitors	Texas A&M Galveston	\$88,921.00
1993/1995	Donald E. Harper, Jr.	Effect of prey densities and nursery habitat quality on penaeid shrimp recruitment success	Texas A&M Galveston	\$52,706.00
1993/1995	Andre M. Landry, Jr.	Ecological status of the Kemp's Ridley sea turtles in a northwestern Gulf of Mexico index habitat	Texas A&M Galveston	\$60,001.00
1993/1995	Thomas A. Heming	Physiology of submergence in sea turtles	University of Texas Medical Branch	\$36,945.00
1993/1995	Philip G. Lee	Microcomputer based automation and expert system development for aquaculture	University of Texas Medical Branch	\$72,561.00
1993/1995	Peter Santschi	Speciation of selected heavy metal ions and radioactive isotopes in Galveston Bay and the Gulf of Mexico, with special emphasis on colloidal associations	Texas A&M Galveston	\$50,000.00
1993/1995	Lawrence L. Griffin	Trace metal and nutrient sediment water fluxes: Components of biogeochemical cycling in Galveston Bay	Texas A&M Galveston	\$51,158.00
1993/1995	Paul A. Montagna	The long term effect of climate on freshwater inflow and benthos in the Nueces estuary	University of Texas Marine Science Institute	\$31,802.00
1993/1995	Peter Thomas	Physiology of somatolactin and actions of recombinant somatolactin in Red drum and Atlantic croaker	University of Texas Marine Science Institute	\$49,950.00
1993/1995	G. Joan Holt	Role of microbial ecology in larval fish nutrition	University of Texas Marine Science Institute	\$57,840.00
1993/1995	Connie R. Arnold	Life cycle studies of the Red snapper (<i>Lutjanus campechanus</i>) and Yellow tail snapper (<i>Ocyurus chrysurus</i>)	University of Texas Marine Science Institute	\$44,546.00
1993/1995	Richard K. Tinnin	Marine field experiences for teachers and students	University of Texas Marine Science Institute	\$36,347.00
1993/1995	Niall C. Slowey	The coral record of environmental change in the northwestern and southwestern Gulf of Mexico	Texas A&M University	\$42,457.00

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1993/1995	John W. Morse	Pollutant metal removal and release via reactions with sedimentary pyrite	Texas A&M University	\$50,000.00
1993/1995	Dan H. Robertson	Marine fellowship program	Texas A&M University	\$28,898.00
1993/1995	Frank L. Castille	Aquaculture of <i>Penaeus setiferus</i> : Identification of growth limiting factors and development of growth enhancing management strategies	Texas A&M University	\$60,548.00
1993/1995	Robert H. Benson	The role of passive acoustics in locating and assessing offshore penaeid shrimp population	Texas A&M University	\$62,108.00
1993/1995	Delbert M. Gatlin	Integrated strategies for overwintering Red drum with dietary lipid manipulation and thermal refuge technology	Texas A&M University	\$58,555.00
1991/1993	Robert S. Chapkin	Purified fish oil ethyl esters: Effect on macrophage biology	Texas A&M University	\$42,136.00
1991/1993	Scott K. Davis	Rapid identification of imported and domestic shrimp	Texas A&M University	\$29,229.00
1991/1993	Neal E. Armstrong	Modeling toxic material in Galveston Bay	University of Texas	\$38,470.00
1991/1993	Frank W. Judd	Interactions determining oyster (<i>Crassostrea virginica</i>) distribution, growth and survival in South Bay, Texas	University of Texas - Pan America	\$30,380.00
1991/1993	Larry L. Keeley	Neuroendocrine control of reproduction in penaeid shrimp	Texas A&M University	\$67,120.00
1991/1993	Bernd Würsig	Bottlenose dolphins as environmental monitors	Texas A&M Galveston	\$47,016.00
1991/1993	Philip G. Lee	Microcomputer based automation and expert system development for aquaculture	University of Texas Medical Branch	\$59,293.00
1991/1993	Peter Santschi	Processes that control the cycling of the toxicant lead in Galveston Bay	Texas A&M Galveston	\$53,235.00
1991/1993	Richard K. Tinnin	Marine education: An interdisciplinary approach to minority science programs	University of Texas Marine Science Institute	\$48,731.00
1991/1993	Peter Thomas	Role of gonadotropins and prolactin in Atlantic croaker, Red drum and Spotted seatrout	University of Texas Marine Science Institute	\$52,170.00
1991/1993	G. Joan Holt	Role of microbial ecology in larval fish nutrition	University of Texas Marine Science Institute	\$37,500.00
1991/1993	Lee A. Fuiman	Juvenile and adult fishes as predators on Red drum larvae in Texas bays	University of Texas Marine Science Institute	\$44,169.00
1991/1993	Kenneth H. Dunton	Seagrass habitat and its management in Texas estuaries: Effect of extended periods of low light	University of Texas Marine Science Institute	\$49,538.00
1991/1993	Ronald Benner	Contributions of seagrass: Derived dissolved organic matter to carbon and nitrogen flow in the Laguna Madre	University of Texas Marine Science Institute	\$46,502.00
1991/1993	Curtis A. Suttle	Isolation of viruses that infect toxic and economically important phytoplankton	University of Texas Marine Science Institute	\$551,227.00
1991/1993	Mary K. Estes	Norwalk and HAV virus in shellfish	Baylor College of Medicine	\$65,508.00
1991/1993	Greta Fryxell	Biology of the oyster <i>Crassostrea virginica</i> : Is domoic acid a threat?	Texas A&M University	\$58,544.00
1991/1993	John W. Morse	Pollutant metal removal and release via reactions with sedimentary pyrite	Texas A&M University	\$52,459.00
1991/1993	James M. Brooks	Studies of hydrocarbon seep communities on the Texas/Louisiana Continental Slope	Texas A&M University	\$47,893.00
1991/1993	Luis A. Cifuentes	Benthic versus water-column cycling of nitrogen and phosphorous in Galveston Bay	Texas A&M University	\$73,840.00
1991/1993	Donald H. Lewis	Immunoprophylactic control of amyloidosis in Red drum	Texas A&M University	\$42,132.00
1991/1993	Delbert M. Gatlin	Dietary vitamin C, vitamin E and selenium requirements of Red drum for optimal growth and immunocompetence	Texas A&M University	\$36,489.00
1991/1993	William H. Neill	Thermal refuge to protect overwintering Red drum from cold-kill in aquaculture ponds	Texas A&M University	\$25,977.00
1991/1993	John R. Gold	Population genetic studies of Red snapper in the northern Gulf of Mexico	Texas A&M University	\$69,545.00
1989/1991	David W. Owens	Biology of the Kemp's Ridley turtle	Texas A&M University	\$55,171.00
1989/1991	Ronald S. Burton	Biochemical genetic analysis of osmotic response in penaeid shrimp	University of Houston	\$31,897.00
1989/1991	George H. Ward	Predictive methods for salinity intrusion in Galveston Bay	University of Texas	\$31,548.00
1989/1991	F.J. Kelly	Satellite estimation of spatial velocity correlation for the Texas shelf	Texas A&M University	\$48,794.00
1989/1991	Susan M. Rankin	Hormonal regulation of reproduction in penaeid shrimp	Texas A&M University	\$61,354.00
1989/1991	Andre M. Landry, Jr.	Natural history analysis of sea turtles in the northwestern Gulf of Mexico	Texas A&M Galveston	\$48,915.00
1989/1991	William S. Fisher	Interactions of the environment and the pathogen, <i>Perkinsus marinus</i> , with internal defenses of oysters	University of Texas Medical Branch	\$48,596.00
1989/1991	Richard K. Tinnin	Marine education: An interdisciplinary approach to all level teacher education	University of Texas Marine Science Institute	\$35,434.00
1989/1991	Peter Thomas	Physiology of gonadotropins in Atlantic croaker and Red drum	University of Texas Marine Science Institute	\$48,242.00
1989/1991	Ronald Benner	Nutrient flow from seagrass detritus to food webs in the Laguna Madre estuary	University of Texas Marine Science Institute	\$40,108.00
1989/1991	Kenneth H. Dunton	Loss of seagrass habitat and its management in Texas estuaries: Photosynthesis production along an estuarine gradient	University of Texas Marine Science Institute	\$32,350.00

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1989/1991	Curtis A. Suttle	Isolation of viral pathogens that infect toxic and economically important phytoplankton species	University of Texas Marine Science Institute	\$42,207.00
1989/1991	Scott A. Holt	Larval Red drum (<i>Sciaenops ocellatus</i>) transport in non-stratified estuaries	University of Texas Marine Science Institute	\$40,124.00
1989/1991	Gilbert T. Rowe	Hypoxia and sulfide production in enriched (shrimp mariculture) mesocosms and Galveston Bay	Texas A&M University	\$44,862.00
1989/1991	John W. Morse	Pollutant metal removal and release via reactions with sedimentary pyrite	Texas A&M University	\$44,891.00
1989/1991	James M. Brooks	Studies of hydrocarbon seep communities on the Texas/Louisiana Continental Slope	Texas A&M University	\$49,598.00
1989/1991	Andrew C. Vastano	Satellite analyses for fishery oceanography in the Gulf of Mexico	Texas A&M University	\$54,472.00
1989/1991	Eric Powell	Field verification and application of a host-parasite model for fisheries management of significantly impacted oyster populations	Texas A&M University	\$69,163.00
1989/1991	L.F. Guseman, Jr.	Marine fellowship program	Texas A&M University	\$17,102.00
1989/1991	Donald H. Lewis	Virus diseases of shrimp	Texas A&M University	\$42,557.00
1989/1991	Leonard DiMichele	Cultchless oyster culture in Texas	Texas A&M University	\$54,311.00
1989/1991	Delbert M. Gatlin	Fatty acid and lipid nutrition of Red drum: Effects on cold adaptation, immunocompetency and product quality	Texas A&M University	\$35,049.00
1989/1991	John R. Gold	Mitochondrial DNA variation in Red drum and evaluation of Red drum stocking success in Texas bays	Texas A&M University	\$57,214.00
1987/1989	Scott K. Davis	The structure of wild and domestic populations of penaeid shrimp	Texas A&M University	\$29,373.00
1987/1989	Robert L. Maril	Socio-economic characteristics of Texas bay shrimpers	Texas Southmost College	\$34,685.00
1987/1989	L. James Lester	Genetic studies in support of domestication of penaeid shrimp	University of Houston - Clear Lake	\$54,943.00
1987/1989	Duncan S. MacKenzie	Thyroid function in sciaenid fishes of the Texas coast	Texas A&M University	\$52,995.00
1987/1989	David W. Owens	Reproductive behavior and physiology of marine turtles	Texas A&M University	\$63,593.00
1987/1989	Elenor R. Cox	Causal mechanisms of <i>ptychodiscus brevis</i> : Redtides on the Texas coast	Texas A&M University	\$78,935.00
1987/1989	C.O. Patterson	Adhesives from marine algae	Texas A&M University	\$44,919.00
1987/1989	Gerald M. Wellington	Ontogenetic patterns and variations in the diets of natural populations of penaeid shrimp	University of Houston	\$29,777.00
1987/1989	Violetta F. Lien	Development and field testing of marine education sourcebooks for biological, earth and physical science, and social studies	Texas Tech	\$22,669.00
1987/1989	Larry L. Keeley	Hormonal regulation of reproduction in penaeid shrimp	Texas A&M University	\$40,097.00
1987/1989	Timothy K. Hayes	Shrimp gonad inhibiting hormone: Isolation and structural characterization from <i>Penaeus vannamei</i>	Texas A&M University	\$32,042.00
1987/1989	James Y. Bradfield	Molecular cloning and characterization of <i>Penaeus vannamei</i> vitellogenin gene sequences	Texas A&M University	\$39,297.00
1987/1989	Richard K. Tinnin	Marine education: Hands-on science teacher workshops	University of Texas Marine Science Institute	\$32,680.00
1987/1989	G. Joan Holt	Larval Red drum diets and assessment of nutritional status	University of Texas Marine Science Institute	\$47,258.00
1987/1989	Peter Thomas	Environmental influences on gonadotropin secretion in Atlantic Croaker and Red Drum	University of Texas Marine Science Institute	\$44,740.00
1987/1989	Connie R. Arnold	Larval Red drum (<i>Sciaenops ocellatus</i>) transport in non-stratified estuaries	University of Texas Marine Science Institute	\$59,757.00
1987/1989	Eric Powell	The effect of <i>Boonea impressa</i> and <i>P. marinus</i> parasitism on oyster populations: Model development	Texas A&M University	\$36,621.00
1987/1989	James M. Brooks	Studies of hydrocarbon seep communities on the Texas/Louisiana Continental Slope	Texas A&M University	\$53,451.00
1987/1989	Leo Berner	Marine fellowship program	Texas A&M University	\$16,565.00
1987/1989	Charles E. Wiggins	The governance of the Galveston Bay complex	Texas A&M University	\$49,543.00
1987/1989	Ronald A. Kaiser	Compendium of Texas coastal law and policy	Texas A&M University	\$47,584.00
1987/1989	Addison Lawrence	Development of raceway culture technology for juvenile penaeid shrimp	Texas A&M University	\$76,590.00
1987/1989	Donald H. Lewis	Virus diseases of shrimp	Texas A&M University	\$49,919.00
1987/1989	John R. Gold	Genetic variation within and among natural and domesticated populations of Redfish	Texas A&M University	\$55,070.00
1985/1987	Wade L. Griffin	Economics and financial evaluation of shrimp mariculture in Texas	Texas A&M University	\$49,301.00
1985/1987	Wade L. Griffin	Economic analysis of the Texas shrimp industry	Texas A&M University	\$41,000.00
1985/1987	Gunnar Finne	Mechanisms of inhibition by CO ₂ on common syphe spoilage organisms	Texas A&M University	\$61,820.00
1985/1987	Robert L. Maril	The Mexican Gulf coast offshore shrimping industry: A preliminary study	Texas Southmost College	\$22,523.00
1985/1987	L. James Lester	Genetics of domestication of penaeid shrimp	University of Houston - Clear Lake	\$53,583.00
1985/1987	Duncan S. MacKenzie	Thyroid function in sciaenid fishes of the Texas coast	Texas A&M University	\$38,297.00
1985/1987	David W. Owens	Reproductive behavior and physiology of marine turtles	Texas A&M University	\$44,472.00
1985/1987	William P. Fife	Diving and hyperbaric physiology	Texas A&M University	\$44,800.00

**Funded Research Projects
1968 - 2016**

Funding Period	PI	Title	Institution/Affiliation	Amount
1985/1987	Alfred R. Loeblich, III	Algal/peneaid shrimp interactions in a <i>Spartina</i> marsh	University of Houston	\$38,250.00
1985/1987	John P. Wagner	Corrosion mechanisms of aluminum: Magnesium alloys	Texas A&M University	\$44,119.00
1985/1987	John B. Herbich	Shore erosion in Texas bays and estuaries	Texas A&M University	\$51,383.00
1985/1987	John B. Herbich	Environmental aspects and efficiency of suction cutterheads	Texas A&M University	\$38,248.00
1985/1987	Frank W. Judd	Strategies of beach access: South Padre Island, TX	University of Texas - Pan America	\$31,774.00
1985/1987	Bonnie Blackburn	Dissemination of K-12 marine education materials and programs in Texas	Texas A&M University	\$161,698.00
1985/1987	Dennis Berthold	From foe to friend: The role of the sea in recent American fiction	Texas A&M University	\$32,458.00
1985/1987	Larry L. Keeley	Endocrine regulations of reproduction in shrimp	Texas A&M University	\$20,250.00
1985/1987	Richard K. Tinnin	Marine education: Hands-on science teacher workshops	University of Texas Marine Science Institute	\$27,883.00
1985/1987	G. Joan Holt	Red drum and Red snapper aquaculture: Spawning and early development studies	University of Texas Marine Science Institute	\$88,083.00
1985/1987	Warren M. Pulich, Jr.	Vascular plant production in southern Texas Estuaries and limitation by nutrient or freshwater inflow stress	University of Texas Marine Science Institute	\$29,997.00
1985/1987	L.R. Cornell	Seawater and atmospheric corrosion testing facilities on the Gulf of Mexico	Texas A&M University	\$70,375.00
1985/1987	Joseph L. Melnick	Rapid detection of hepatitis A and rotavirus pollution in estuarine recreational waters and resources	Baylor College of Medicine	\$58,469.00
1985/1987	Leo Berner	Marine fellowship program	Texas A&M University	\$14,850.00
1985/1987	Eileen Hofmann	Curriculum development in multi-disciplinary studies at Texas A&M University	Texas A&M University	\$42,373.00
1985/1987	Eric Powell	The effect of <i>Odostomia impressa</i> parasitism on oysters	Texas A&M University	\$43,491.00
1985/1987	Robert B. Ditton	Understanding the diversity among the statewide population of marine recreational fishermen	Texas A&M University	\$35,613.00
1985/1987	Ronald A. Kaiser	Legal basis for maintaining estuary freshwater inflows	Texas A&M University	\$14,850.00
1985/1987	Ben M. Couch	Law violation and enforcement in the Texas Gulf of Mexico fishery	Texas A&M University	\$42,637.00
1985/1987	Addison Lawrence	Peneaid shrimp maturation and reproduction: Nutritional and culture requirements	Texas A&M University	\$109,051.00
1985/1987	Addison Lawrence	Peneaid shrimp pond production: Nutrition and density studies	Texas A&M University	\$81,655.00
1985/1987	Lauriston R. King	Congress and the oceans: change and continuity, 1959-1984	Texas A&M University	\$34,857.00
1985/1987	Edwin H. Robinson	Nutritional and environmental requirements of Red drum	Texas A&M University	\$27,143.00
1985/1987	John D. McEachran	Assessment of the biological parameters for sharks of the Texas coast in relation to their potential as a commercial fishery resource	Texas A&M University	\$28,878.00
1985/1987	Quenton R. Dokken	Development of a mobile marine ecology exhibit	Corpus Christi Aquarium Association	\$41,650.00
1983/1985	Wade L. Griffin	Economics and financial evaluation of shrimp farming in Texas	Texas A&M University	\$32,112.00
1983/1985	Wade L. Griffin	Economic analysis of the seasonal closure of Texas waters to shrimping	Texas A&M University	\$35,000.00
1983/1985	Gunnar Finne	Seafood Technology	Texas A&M University	\$50,000.00
1983/1985	Robert L. Maril	The impact of Texas coastal industrial development and population growth upon the allocation of marine resources	Texas Southmost College	\$36,917.00
1983/1985	L. James Lester	Genetics of domestication of peneaid shrimp	University of Houston - Clear Lake	\$41,900.00
1983/1985	David W. Owens	Imprinting in marine turtles	Texas A&M University	\$35,000.00
1983/1985	Alfred R. Loeblich, III	Algal/peneaid shrimp interactions in a <i>Spartina</i> marsh	University of Houston	\$25,433.00
1983/1985	John B. Herbich	Studies on environmental aspects of suction cutterhead dredging	Texas A&M University	\$36,064.00
1983/1985	John B. Herbich	Shore erosion in Texas bays and estuaries	Texas A&M University	\$40,690.00
1983/1985	Bonnie Blackburn	Dissemination of K-12 marine education materials and programs in Texas	Texas A&M University	\$114,675.00
1983/1985	Gerald M. Wellington	Carbon assimilation rates and food preferences of post-larval shrimp (<i>Penaeus aztecus</i>) in Texas salt marches	University of Houston	\$25,745.00
1983/1985	Richard K. Tinnin	Marine education: Hands-on science teacher workshops	University of Texas Marine Science Institute	\$8,986.00
1983/1985	Patrick L. Parker	Stable isotope chemistry in natural and aquaculture food webs	University of Texas Marine Science Institute	\$36,295.00
1983/1985	Connie R. Arnold	Life history studies on Redfish (<i>Sciaenops ocellata</i>) and Red snapper (<i>Lutjanus campechanus</i>)	University of Texas Marine Science Institute	\$46,250.00
1983/1985	Joseph L. Melnick	Public health assessment of hepatitis A and rotavirus pollution of estuarine recreational waters and resources	Baylor College of Medicine	\$52,650.00
1983/1985	Eric Powell	The effect of <i>Odostomia impressa</i> parasitism on oysters	Texas A&M University	\$30,048.00
1983/1985	Thomas J. Bright	Studies toward the development of a hard clam fishery for Texas	Texas A&M University	\$29,150.00
1983/1985	Sayed Z. El-Sayed	Application of remote sensing to Menhaden distribution in the north western Gulf of Mexico	Texas A&M University	\$32,292.00
1983/1985	George Kunze	Marine fellowship program	Texas A&M University	\$12,920.00
1983/1985	Robert B. Ditton	Understanding the diversity among saltwater fishermen: A focus on sportfishing tournaments	Texas A&M University	\$34,700.00

**Funded Research Projects
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Funding Period	PI	Title	Institution/Affiliation	Amount
1983/1985	Ronald A. Kaiser	Legal liability and risk management for safety and security on Texas beaches	Texas A&M University	\$21,855.00
1983/1985	Addison Lawrence	Penaeid shrimp maturation and reproduction: Nutritional and culture requirements	Texas A&M University	\$107,000.00
1983/1985	Addison Lawrence	Penaeid shrimp pond production: Nutrition, density and immunoprophylactic studies	Texas A&M University	\$72,000.00
1983/1985	Donald H. Lewis	Microbial diseases of shrimp	Texas A&M University	\$50,000.00
1983/1985	Edwin H. Robinson	Red drum nutrition	Texas A&M University	\$8,700.00
1983/1985	Mark E. Chittenden	Development of assessments of the life histories and population dynamics of Gulf of Mexico fishes	Texas A&M University	\$36,039.00
1983/1985	John D. McEachran	Age validation of coastal epipelagic sharks of the northern Gulf of Mexico	Texas A&M University	\$29,922.00
1983/1985	Milton W. Weller	Impact of water control structures on wildlife and fish of estuarine wetland complex	Texas A&M University	\$34,450.00
1981/1983	Wade L. Griffin	Economics of commercial shrimp mariculture	Texas A&M University	\$49,000.00
1981/1983	Wade L. Griffin	Economics of Texas commercial fishery	Texas A&M University	\$216,082.00
1981/1983	Gunnar Finne	Microbial flora, chemical characteristics and shelf-life of mariculture shrimp	Texas A&M University	\$45,000.00
1981/1983	Gunnar Finne	Seafood Technology	Texas A&M University	\$177,500.00
1981/1983	Kent S. Butler	Development of shore erosion policies and control programs for Texas governments	University of Texas	\$83,669.00
1981/1983	L. James Lester	Electrophoretic variation and its usefulness in the aquaculture of penaeid shrimp	University of Houston - Clear Lake	\$63,050.00
1981/1983	David W. Owens	Imprinting in marine turtles	Texas A&M University	\$67,000.00
1981/1983	William P. Fife	Improved safety in diving	Texas A&M University	\$110,430.00
1981/1983	Brian R. Chapman	Effect of bird predation on experimental shrimp culture ponds	Texas A&M University - Corpus Christi	\$21,117.00
1981/1983	Melanie C. Lewis	Development of marine education materials for the elementary school and preservice teacher instruction	Texas State University	\$62,705.00
1981/1983	Alfred R. Loeblich, III	The impact of chemical pollution on the distribution, abundance and viability of dinoflagellate cysts in the Corpus Bay System	University of Houston	\$57,330.00
1981/1983	John O'M. Bockris	Prevention of biofouling by electrochemical pulsing techniques	Texas A&M University	\$77,730.00
1981/1983	John B. Herbich	A wave climatology for the Texas coast based on spectral analysis of data from wave-rider buoys	Texas A&M University	\$66,037.00
1981/1983	David R. Basco	Analysis of nearshore sediment transport study (NSTS) data: Aid to development of new surf zone simulation models	Texas A&M University	\$55,425.00
1981/1983	James M. McCloy	Water related fatalities in coastal Texas	Texas A&M Galveston	\$12,263.00
1981/1983	John D. Hunt	Dissemination of K-12 marine education materials and programs in Texas	Texas A&M University	\$207,138.00
1981/1983	Richard K. Tinnin	Marine education: A sea going educational experience	University of Texas Marine Science Institute	\$30,804.00
1981/1983	Connie R. Arnold	Life history studies on Redfish (<i>Sciaenops ocellata</i>) and Red snapper (<i>Lutjanus campechanus</i>)	University of Texas Marine Science Institute	\$136,232.00
1981/1983	J. Kenneth Winters	Flux of polycyclic aromatic hydrocarbons in the Corpus Christi Bay system	University of Texas Marine Science Institute	\$96,984.00
1981/1983	Anthony F. Amos	Circulation and exchange processes in Corpus Christi Bay	University of Texas Marine Science Institute	\$77,364.00
1981/1983	R. Warren Flint	Corpus Christi Bay: Development of an ecosystem model	University of Texas Marine Science Institute	\$93,218.00
1981/1983	Peter A Smith	Exploration for heavy mineral placers on the continental shelf of Texas	University of Texas Marine Science Institute	\$111,158.00
1981/1983	Alfred J. Weinheimer	Potential drugs from marine organisms	University of Houston	\$78,250.00
1981/1983	Joseph L. Melnick	Assessment and control of viral pollution of marine resources	Baylor College of Medicine	\$117,400.00
1981/1983	George Kunze	Marine fellowship program	Texas A&M University	\$42,294.00
1981/1983	James Lester	Support, intergovernmental Tension and risk assessment related to hazardous waste policy in the Texas coastal zone	Texas A&M University	\$71,190.00
1981/1983	Robert B. Ditton	A survey and analysis of localized recreational fisheries in Galveston Bay	Texas A&M University	\$62,960.00
1981/1983	Addison Lawrence	Penaeid shrimp maturation and reproduction: Nutritional and culture requirements	Texas A&M University	\$224,700.00
1981/1983	Addison Lawrence	Penaeid shrimp pond production: Polyculture, staggered stocking and two crops per year	Texas A&M University	\$215,250.00
1981/1983	Donald H. Lewis	Microbial diseases of shrimp	Texas A&M University	\$107,454.00
1981/1983	Mark E. Chittenden	Development of assessments of the life histories and population dynamics of Gulf of Mexico fishes	Texas A&M University	\$153,795.00
1979/1981	Wade L. Griffin	Economics of commercial shrimp mariculture	Texas A&M University	\$16,000.00
1979/1981	Wade L. Griffin	Economics of production and marketing in the commercial fish industry	Texas A&M University	\$80,000.00
1979/1981	Gunnar Finne	Seafood Technology	Texas A&M University	\$65,000.00

**Funded Research Projects
1968 - 2016**

Funding Period	PI	Title	Institution/Affiliation	Amount
1979/1981	Gunnar Finne	Characterization of waste water from Texas Seafood plants and recommended treatment practices	Texas A&M University	\$25,000.00
1979/1981	David W. Owens	Imprinting in marine turtles	Texas A&M University	\$26,000.00
1979/1981	Jerry M. Neff	Accumulation and transfer of nutrients and selenium in an estuarine food chain	Texas A&M University	\$30,000.00
1979/1981	William P. Fife	The effects of diving on the pregnant and non-pregnant female: Saturation air diving	Texas A&M University	\$31,300.00
1979/1981	L. James Lester	Analysis of environmental, phenotypic and genotypic differences among oyster reefs: Implications for resource management	University of Houston	\$19,400.00
1979/1981	Alfred R. Loeblich, III	Nutrition and biology of the oyster parasite <i>Perkinsus marinus</i>	University of Houston	\$7,600.00
1979/1981	Brian S. Middleditch	Maturation of penaeid shrimp: Dietary lipids	University of Houston	\$34,500.00
1979/1981	Robert R. Morton	Sand resources inventory, Texas Inner Continental Shelf	University of Texas	\$42,620.00
1979/1981	C.S. Giam	Characterization and behavior of organic contaminants in the Galveston Bay area	Texas A&M University	\$55,000.00
1979/1981	Isiah M. Warner	Development of a video fluorometer for analysis of polynuclear aromatic hydrocarbons in marine waters	Texas A&M University	\$32,200.00
1979/1981	John B. Herbich	Wave data bank for Texas coast	Texas A&M University	\$35,000.00
1979/1981	Tokuo Yamomoto	Pore-pressures and stresses in ocean bottom sediments	University of Houston	\$10,000.00
1979/1981	James M. McCloy	Water related fatalities in coastal Texas	Texas A&M Galveston	\$19,000.00
1979/1981	Delmar Janke	Development and dissemination of marine education materials, K-12	Texas A&M University	\$34,400.00
1979/1981	David H. Stewart	Marine related children's literature	Texas A&M University	\$10,200.00
1979/1981	Rudolph R. Schwarzer	Increasing the participation of minorities in the Marine Sciences at Texas Southern University	Texas Southern University	\$13,000.00
1979/1981	D.L. Stoner	Systems analysis of shrimp mariculture	Texas A&M University	\$30,100.00
1979/1981	Oscar V. Hinojosa	Technical vocational training in marine-related occupations	Texas State Technical Institute	\$51,000.00
1979/1981	James R. DeShaw	Marine resources reference center	Sam Houston State University	\$17,500.00
1979/1981	Carl H. Oppenheimer	Methods for large scale planting on dredged materials	University of Texas Marine Science Institute	\$35,000.00
1979/1981	Patrick L. Parker	Flux of polycyclic aromatic hydrocarbons in the Corpus Christi Bay system	University of Texas Marine Science Institute	\$18,400.00
1979/1981	Alfred J. Weinheimer	Potential drugs from marine organisms	University of Houston	\$25,000.00
1979/1981	Joseph L. Melnick	Assessment and control of viral pollution of marine resources	Baylor College of Medicine	\$48,300.00
1979/1981	D.L. Hamilton	Maritime archaeological conservation research laboratory and curriculum development	Texas A&M University	\$16,600.00
1979/1981	Eric Powell	The effect of chelation by amino acids on heavy metal uptake across the gut wall of invertebrates	Texas A&M University	\$17,900.00
1979/1981	George Kunze	Marine fellowship program	Texas A&M University	\$18,000.00
1979/1981	Robert B. Ditton	Saltwater boat fishermen: A statewide survey of activity patterns, characteristics and motivation	Texas A&M University	\$28,700.00
1979/1981	Mervin J. Yetley	Social and economic characteristics of Texas Gulf coast fishermen	Texas A&M University	\$44,900.00
1979/1981	Margaret R. Kasschau	Biological transformations of organic amines	University of Houston - Clear Lake	\$12,000.00
1979/1981	Jack C. Parker	Shrimp mariculture system	Texas A&M University	\$100,000.00
1979/1981	Donald H. Lewis	Microbial diseases of shrimp	Texas A&M University	\$44,000.00
1979/1981	Addison Lawrence	Penaeid shrimp maturation and reproduction: Nutritional and culture requirements	Texas A&M University	\$100,000.00
1979/1981	Mark E. Chittenden	Development of yield modeling assessments and population dynamics and effects of fishing on Gulf of Mexico fishes	Texas A&M University	\$59,000.00
1978/1979	David J. Norton	The effects of wind/wave interaction on structure wind loads	Texas A&M University	\$20,000.00
1978/1979	Wade L. Griffin	Economics of commercial shrimp mariculture	Texas A&M University	\$15,500.00
1978/1979	Wade L. Griffin	Economics of production and marketing in the commercial fish industry	Texas A&M University	\$60,400.00
1978/1979	Vincent E. Sweat	Systems analysis of shrimp mariculture	Texas A&M University	\$25,000.00
1978/1979	Gunnar Finne	Wholesomeness and safety of fish and shellfish	Texas A&M University	\$60,000.00
1978/1979	Gunnar Finne	Seafood processing waste monitoring center	Texas A&M University	\$60,000.00
1978/1979	Nestor R. Bottino	Seasonal and geographical effects on the lipid and lipid stability of fish from the Gulf of Mexico	Texas A&M University	\$23,000.00
1978/1979	Philip B. Robertson	Ecological change in the sea rim estuary following construction of the Keith Lake water exchange pass	Lamar University	\$15,000.00
1978/1979	William P. Fife	Development of improved commercial diving tables	Texas A&M University	\$30,000.00
1978/1979	Jerry M. Neff	Accumulation and transfer of nutrients and selenium in an estuarine food chain	Texas A&M University	\$34,000.00
1978/1979	Addison Lawrence	Nutritional and biochemical studies concerned with penaeid maturation	University of Houston	\$34,000.00
1978/1979	Ronald K. Sizemore	Estuarine sewage outfalls as a potential site for transfer of bacterial plasmids	University of Houston	\$10,000.00

**Funded Research Projects
1968 - 2016**

Funding Period	PI	Title	Institution/Affiliation	Amount
1978/1979	Frank W. Judd	Community structure of a Gulf coast barrier island, South Padre Island, TX	University of Texas - Pan America	\$2,830.00
1978/1979	Brian S. Middleditch	Maturation of penaeid shrimp: Dietary lipids	University of Houston	\$33,000.00
1978/1979	Robert J. Finley	Morphology and hydraulic analysis of Pass Cavallo, Texas	University of Texas	\$25,850.00
1978/1979	Michael E. Leesley	Optimization of mixing energy input into a flowing culture medium	University of Texas	\$5,000.00
1978/1979	C.S. Giam	Characterization and behavior of organic contaminants in the Galveston Bay area	Texas A&M University	\$50,300.00
1978/1979	John B. Herbich	Wave data bank for Texas coast	Texas A&M University	\$35,000.00
1978/1979	Tsung-Chow Su	Alternatives on the design of submarine outfall	Texas A&M University	\$20,000.00
1978/1979	Delmar Janke	Future oriented marine resources mini-semester for secondary schools	Texas A&M University	\$25,000.00
1978/1979	David H. Stewart	Marine related children's literature and film	Texas A&M University	\$10,200.00
1978/1979	Robert A. Calvert	An oral history of oceanography	Texas A&M University	\$10,000.00
1978/1979	Carlton E. Ruch	Hurricane response model: Investigation of variables affecting response to hurricane information	Texas A&M University	\$36,000.00
1978/1979	James R. DeShaw	Marine resources reference center	Sam Houston State University	\$15,500.00
1978/1979	Carl H. Oppenheimer	Biological application for stabilization of dredged material - Corpus Christi area	University of Texas Marine Science Institute	\$35,000.00
1978/1979	George Kunze	Marine fellowship program	Texas A&M University	\$15,000.00
1978/1979	Robert B. Ditton	Fisherman in the Houston-Galveston region: Analysis of activity patterns, expenditures and motivation	Texas A&M University	\$22,000.00
1978/1979	Margaret R. Kasschau	Assessment of intracellular B-alanine as an indicator of environmental stress	University of Houston - Clear Lake	\$10,900.00
1978/1979	Jack C. Parker	Production systems	Texas A&M University	\$113,500.00
1978/1979	Donald H. Lewis	Microbial diseases of shrimp	Texas A&M University	\$42,000.00
1978/1979	Mark E. Chittenden	Development of yield modeling assessments of the effects of fishing on Gulf of Mexico fishes	Texas A&M University	\$30,000.00
1978/1979	John D. McEachran	Pelagic sharks of the northern Gulf of Mexico population estimated and fishery potential	Texas A&M University	\$24,000.00
1978/1979	William E. Grant	Bioeconomic model of Gulf of Mexico shrimp resources	Texas A&M University	\$12,230.00
1978/1979	John G. Gunning	Development of modular instructional units in oceanic and marine technology	Brazosport College	\$8,000.00
1977/1978	David J. Norton	Wind/wave interactions and their effects on offshore structures	Texas A&M University	\$21,000.00
1977/1978	Wade L. Griffin	Economics of production and marketing in the commercial fish industry	Texas A&M University	\$50,500.00
1977/1978	Dwayne A. Suter	System analysis of shrimp mariculture	Texas A&M University	\$12,000.00
1977/1978	Carl Vanderzant	Wholesomeness and safety of fish and shellfish	Texas A&M University	\$60,000.00
1977/1978	Charles M. Hix, Jr.	Coastal community design and development guidelines	Texas A&M University	\$40,000.00
1977/1978	Jerry M. Neff	Accumulation, transport and environmental aspects of selenium in an estuarine food chain	Texas A&M University	\$40,500.00
1977/1978	William P. Fife	Development of new concepts for marine diving	Texas A&M University	\$5,500.00
1977/1978	Addison Lawrence	Nutritional and biochemical studies concerned with penaeid maturation	University of Houston	\$27,000.00
1977/1978	Brian S. Middleditch	Steroid and fatty acids in crustacean mariculture	University of Houston	\$27,200.00
1977/1978	Warren Rose	Planning and operating criteria for investment and marketing strategies for Texas Ports	Texas A&M University	\$26,000.00
1977/1978	C.S. Giam	Inventory, movement and behavior of organic pollutants in commercial fisheries areas of the Texas coast	Texas A&M University	\$30,000.00
1977/1978	Wesley P. James	Brine disposal related to strategic oil storage	Texas A&M University	\$25,500.00
1977/1978	Robert E. Schiller, Jr.	Properties and stability of bay to ocean inlets: A study of San Luis Pass	Texas A&M University	\$36,000.00
1977/1978	John B. Herbich	Wave data bank for Texas coast	Texas A&M University	\$30,000.00
1977/1978	J. Frank Slowey	Accumulation, transport and environmental aspects of selenium in an estuarine system	Texas A&M University	\$21,000.00
1977/1978	John B. Herbich	Interaction between ships and channel banks in restricted waterways	Texas A&M University	\$20,000.00
1977/1978	David R. Basco	Criteria to improve water circulation in coastal canal communities	Texas A&M University	\$26,400.00
1977/1978	Edward H. Kalajian	Sediment instability loadings on pipelines and piles	Texas A&M University	\$20,000.00
1977/1978	Roy W. Hann, Jr.	Technical aspects of an oil spill control plan for Texas	Texas A&M University	\$36,000.00
1977/1978	Roy W. Hann, Jr.	Susceptibility of Texas beaches to spilled oil	Texas A&M University	\$34,000.00
1977/1978	Stephen D. Schery	Radiation and sedimentation rates in Trinity Bay	Texas A&M Galveston	\$27,500.00
1977/1978	Marvin S. Cannon	A morphological, histochemical and toxicological study of coelenterate venoms	Texas A&M University	\$20,000.00
1977/1978	Carlton E. Ruch	Hurricane response model	Texas A&M University	\$40,000.00
1977/1978	Michael D. Murphy	A technique for assessing development impact for a selected area of the Texas Gulf coast	Texas A&M University	\$20,000.00
1977/1978	Carl H. Oppenheimer	Biological application for stabilization of dredged material - Corpus Christi area	University of Texas Marine Science Institute	\$36,670.00

**Funded Research Projects
1968 - 2016**

Funding Period	PI	Title	Institution/Affiliation	Amount
1977/1978	Samuel M. Gillespie	Economics of commercial shrimp mariculture	Texas A&M University	\$30,050.00
1977/1978	Joseph L. Melnick	The role of sediments in the distribution and survival of enteric viruses in the estuarine environment	Baylor College of Medicine	\$33,500.00
1977/1978	John H. Wormuth	Studies on larval development and growth in penaeid shrimp	Texas A&M University	\$11,200.00
1977/1978	J.C.H. Mungall	Development of a Texas Gulf coast physical data acquisition	Texas A&M University	\$30,000.00
1977/1978	J.C.H. Mungall	Calculation of Gulf coast wind-driven currents	Texas A&M University	\$20,000.00
1977/1978	David R. Schink	Developing new techniques to survey chemical variation in coastal waters	Texas A&M University	\$24,900.00
1977/1978	B. Dan Kamp	A study of the effectiveness of Texas' open beaches	Texas A&M University	\$28,000.00
1977/1978	Robert B. Ditton	The use of offshore oil platforms as public sport fishing Resources	Texas A&M University	\$22,800.00
1977/1978	Arthur R. Benton, Jr.	Galveston Island: A changing environment	Texas A&M University	\$20,300.00
1977/1978	George F. Bass	Training for nautical archeology	Texas A&M University	\$9,300.00
1977/1978	Jack C. Parker	Shrimp mariculture system	Texas A&M University	\$120,000.00
1977/1978	B. Dan Kamp	Public education program development	Texas A&M University	\$12,743.00
1977/1978	Donald H. Lewis	Microbial and parasitic diseases of marine fish and shrimp	Texas A&M University	\$53,350.00
1977/1978	Robert W. Brick	Natural and induced maturation in penaeid shrimp	Texas A&M University	\$11,500.00
1977/1978	Mark E. Chittenden	Application of the Beverton-Holt model for assessing fishing effects on demersal fishes	Texas A&M University	\$26,000.00
1977/1978	John D. McEachran	Early life histories of Spanish and King mackerel in Gulf of Mexico	Texas A&M University	\$24,000.00
1977/1978	John G. Gunning	Development of modular instructional units in oceanic and marine technology	Brazosport College	\$8,800.00
1976/1977	Wade L. Griffin	Economics of production and marketing in the commercial fish industry	Texas A&M University	\$32,100.00
1976/1977	Carl Vanderzant	Seafood safety and wholesomeness	Texas A&M University	\$62,000.00
1976/1977	William P. Fife	Maximum safe depth for saturation diving on compressed air	Texas A&M University	\$27,000.00
1976/1977	Addison Lawrence	The effect of antibiotics on the respiration of shrimp larva and postlarvae and the bacterial population associated with the shrimp	University of Houston	\$15,000.00
1976/1977	John B. Herbich	Offshore pipelines	Texas A&M University	\$22,500.00
1976/1977	Wesley P. James	Water clarity and coastal currents off the Texas coastal from satellite imagery	Texas A&M University	\$18,500.00
1976/1977	Yung K. Lou	Bank effects on ships moving through a restricted waterway	Texas A&M University	\$20,000.00
1976/1977	Delmar Janke	Marine resources teaching materials for high school	Texas A&M University	\$16,000.00
1976/1977	Carolyn Dry	Seminar on coastal and ocean environment	Texas A&M University	\$5,000.00
1976/1977	Roy W. Hann, Jr.	Undergraduate marine education	Texas A&M University	\$15,000.00
1976/1977	Roy W. Hann, Jr.	Research programs development	Texas A&M University	\$31,900.00
1976/1977	Roy W. Hann, Jr.	Inland states cooperative programs	Texas A&M University	\$10,000.00
1976/1977	Melvin C. Schroeder	Crustal evolution module for eighth grade level instruction	Texas A&M University	\$5,500.00
1976/1977	Christopher C. Mathewson	Evaluation of dredge material island modification by natural processes	Texas A&M University	\$39,400.00
1976/1977	Christopher C. Mathewson	Impacts of inlets on the coastal sediment budget	Texas A&M University	\$12,300.00
1976/1977	John Miloy	Resource management research	Texas A&M University	\$113,000.00
1976/1977	Glenn Williams	Oil spill transport and diffusion predation	Texas A&M University	\$22,000.00
1976/1977	John L. Seymour	Institutional seminar series in coastal zone management	Texas A&M University	\$4,500.00
1976/1977	R.J. Scudato	Trace element recycling from diked dredge disposal	Texas A&M Galveston	\$17,700.00
1976/1977	Samuel M. Gillespie	Development of finfish marketing system	Texas A&M University	\$11,300.00
1976/1977	Joseph L. Melnick	Quantitive estuarine & shellfish virus enumeration	Baylor College of Medicine	\$35,500.00
1976/1977	J.C.H. Mungall	Development of a depth varying current prediction model for the Gulf coast	Texas A&M University	\$10,000.00
1976/1977	George Kunze	Marine fellowship program	Texas A&M University	\$20,000.00
1976/1977	Robert B. Ditton	Enrichment of the Texas A&M University marine recreation course work specialization	Texas A&M University	\$6,500.00
1976/1977	Robert B. Ditton	Charter fishing on the Texas coast: A socio-economic analysis of operations and consumers	Texas A&M University	\$19,500.00
1976/1977	Jack C. Parker	Shrimp mariculture system	Texas A&M University	\$103,000.00
1976/1977	Donald H. Lewis	Development and presentation of courses in aquatic animal health	Texas A&M University	\$9,000.00
1976/1977	Donald H. Lewis	Microbial and parasitic diseases of marine fish and shrimp	Texas A&M University	\$55,000.00
1976/1977	Mark E. Chittenden	Population characteristics of sport fish in the western Gulf with emphasis on mackerel	Texas A&M University	\$50,000.00
1976/1977	Wallis Clark, Jr.	Penaeid reproduction	University of Houston	\$48,300.00
1976/1977	Robert R. Morton	Evaluation of sediment budget, south Texas inner shelf and its impact on feasibility of beach nourishment in Texas	University of Texas	\$46,500.00
1975/1976	John P. Nichols	Development of finfish marketing	Texas A&M University	\$26,200.00
1975/1976	Wade L. Griffin	Production costs and returns for the Texas shrimp industry	Texas A&M University	\$20,000.00
1975/1976	Carl Vanderzant	Seafood safety and wholesomeness	Texas A&M University	\$54,000.00
1975/1976	William P. Fife	Maximum safe depth for saturation diving on compressed air	Texas A&M University	\$30,000.00
1975/1976	Addison Lawrence	The effect of antibiotics on the respiration of shrimp larva and postlarvae and the bacterial population associated with the shrimp	University of Houston	\$13,000.00
1975/1976	John B. Herbich	Ocean engineering programs	Texas A&M University	\$6,500.00

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Funding Period	PI	Title	Institution/Affiliation	Amount
1975/1976	Wesley P. James	Environmental considerations of the operation and maintenance of the Texas Gulf Intracoastal Waterway	Texas A&M University	\$20,300.00
1975/1976	Richard E. Withers, Jr.	Environmental management of the ship channel harbor complex	Texas A&M University	\$20,200.00
1975/1976	Tom D. Reynolds	Water quality in the coastal canal communities	Texas A&M University	\$20,900.00
1975/1976	Yung K. Lou	Offshore pipelines	Texas A&M University	\$20,000.00
1975/1976	Robert E. Schiller, Jr.	Shoaling and protection of deep draft navigation channels	Texas A&M University	\$24,400.00
1975/1976	John B. Herbich	Properties and stability of bay to ocean inlets	Texas A&M University	\$21,200.00
1975/1976	Roy W. Hann, Jr.	Technical aspects of ocean dumping	Texas A&M University	\$26,100.00
1975/1976	Melvin C. Schroeder	Crustal evolution module for eighth grade level instruction	Texas A&M University	\$3,300.00
1975/1976	Wayne M. Ahr	Physical processed: Upper Texas coast	Texas A&M University	\$17,000.00
1975/1976	Christopher C. Mathewson	Predicting erosion of dredge spoil islands by wave processes	Texas A&M University	\$28,000.00
1975/1976	John Miloy	Resource management research	Texas A&M University	\$110,000.00
1975/1976	John L. Seymour	Institutional seminar series in coastal zone management	Texas A&M University	\$4,200.00
1975/1976	Edward L. Beckman	Safer decompression procedures for diving	Texas A&M Galveston	\$30,000.00
1975/1976	R.J. Scudato	Trace element recycling from diked dredge disposal	Texas A&M Galveston	\$14,900.00
1975/1976	Patrick L. Parker	Agrobiology of seagrasses	University of Texas Marine Science Institute	\$30,000.00
1975/1976	Joseph L. Melnick	Quantitive estuarine & shellfish virus enumeration	Baylor College of Medicine	\$33,000.00
1975/1976	T.K. Treadwell	Teacher certification in the marine sciences	Texas A&M University	\$9,500.00
1975/1976	Robert B. Ditton	Enrichment of the Texas A&M University marine recreation course work specialization	Texas A&M University	\$5,000.00
1975/1976	Robert B. Ditton	Charter fishing on the Texas coast: A socio-economic analysis of operations and consumers	Texas A&M University	\$16,500.00
1975/1976	Jack C. Parker	Shrimp mariculture system	Texas A&M University	\$103,000.00
1975/1976	Donald H. Lewis	Development and presentation of courses in aquatic animal health	Texas A&M University	\$8,000.00
1975/1976	Donald H. Lewis	Microbial and parasitic diseases of marine fish and shrimp	Texas A&M University	\$54,500.00
1975/1976	Mark E. Chittenden	Evaluation of potential fisheries of underutilized finfish species	Texas A&M University	\$50,000.00
1975/1976	Edward D. Middleton	Ocean and marine technology	Brazosport College	\$10,000.00
1975/1976	Wallis Clark, Jr.	Penaeid reproduction	University of Houston	\$32,300.00
1975/1976	Robert R. Morton	Sediment budget along the Gulf shoreline, Galveston Island, Texas	University of Texas	\$20,600.00
1974/1975	Wade L. Griffin	Production costs and returns for the Texas shrimp industry	Texas A&M University	\$20,500.00
1974/1975	Carl Vanderzant	Seafood safety and wholesomeness	Texas A&M University	\$54,100.00
1974/1975	William P. Fife	Maximum safe depth for saturation diving on compressed air	Texas A&M University	\$20,000.00
1974/1975	Addison Lawrence	The effect of antibiotics on shrimp larval culture	University of Houston	\$13,100.00
1974/1975	John B. Herbich	Undergraduate and graduate ocean engineering programs	Texas A&M University	\$12,100.00
1974/1975	Wesley P. James	Environmental considerations of the operation and maintenance of the Texas Gulf Intracoastal Waterway	Texas A&M University	\$20,750.00
1974/1975	Richard E. Withers, Jr.	Environmental management of the ship channel harbor complex	Texas A&M University	\$20,000.00
1974/1975	Tom D. Reynolds	Water quality in the coastal canal communities	Texas A&M University	\$20,700.00
1974/1975	John B. Herbich	Offshore pipelines	Texas A&M University	\$40,000.00
1974/1975	David R. Basco	Physical factors affecting shoaling rates in the Texas Gulf Intracoastal Waterway	Texas A&M University	\$22,900.00
1974/1975	Beryl McKinnerney	Teacher certification in the marine sciences	Texas A&M University	\$9,000.00
1974/1975	Roy W. Hann, Jr.	Technical aspects of ocean dumping of industrial wastes	Texas A&M University	\$25,900.00
1974/1975	Clinton A. Phillips	Institutional seminar series in coastal zone management	Texas A&M University	\$4,000.00
1974/1975	Christopher C. Mathewson	Silting mechanisms: Intercoastal waterway, Kennedy county area	Texas A&M University	\$20,600.00
1974/1975	Wayne M. Ahr	Upper Texas coast shoreline processes	Texas A&M University	\$24,000.00
1974/1975	James R. Bradley	Humanities of the sea	Texas A&M University	\$4,000.00
1974/1975	Daniel M. Bragg	The potential for onshore deepwater ports in Texas	Texas A&M University	\$30,000.00
1974/1975	Christian Phillips	Analysis of shipping on Texas Gulf Intracoastal Waterway	Texas A&M University	\$20,000.00
1974/1975	John L. Seymour	Organizational structures for coastal zone	Texas A&M University	\$27,300.00
1974/1975	Edward L. Beckman	Safer decompression procedures for diving	Texas A&M Galveston	\$29,000.00
1974/1975	Samuel M. Gillespie	Development of finfish marketing systems	Texas A&M University	\$26,400.00
1974/1975	Joseph L. Melnick	Quantitive assessment of viral hazards in the Galveston Bay system	Baylor College of Medicine	\$30,000.00
1974/1975	Jack C. Parker	Shrimp mariculture system	Texas A&M University	\$99,000.00
1974/1975	Roger D. Anderson	Student research initiation	Texas A&M University	\$9,000.00
1974/1975	Roger D. Anderson	Educational improvement	Texas A&M University	\$8,000.00
1974/1975	Donald H. Lewis	Development and presentation of courses related to fish health	Texas A&M University	\$6,200.00
1974/1975	Donald H. Lewis	Microbial and parasitic diseases of marine organisms	Texas A&M University	\$54,900.00
1974/1975	Richard L. Noble	Teaching and course development in fisheries	Texas A&M University	\$12,500.00
1974/1975	Mark E. Chittenden	Population characteristics of mackerel in the western Gulf	Texas A&M University	\$50,000.00
1974/1975	Edward D. Middleton	Ocean and marine technology	Brazosport College	\$10,000.00
1974/1975	Charles P. Turco	Recreational expenditure habits in Sabine estuaries	Lamar University	\$11,800.00
1974/1975	Wallis Clark, Jr.	Penaeid reproduction	University of Houston	\$13,300.00
1973/1974	John P. Nichols	Market evaluation of selected finfish species	Texas A&M University	\$14,000.00
1973/1974	Charlie G. Coble	Engineering design of mariculture production units	Texas A&M University	\$6,000.00
1973/1974	Bryant F. Cobb III	Factors affecting at-sea storage and subsequent utilization of fishery products	Texas A&M University	\$18,000.00
1973/1974	Carl Vanderzant	Fishery product processing - sanitation, quality control, new product development	Texas A&M University	\$18,000.00

**Funded Research Projects
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Funding Period	PI	Title	Institution/Affiliation	Amount
1973/1974	Bryant F. Cobb III	Effects of packaging on fresh fish	Texas A&M University	\$12,500.00
1973/1974	Carl Vanderzant	Sanitary quality and shelf life of pond reared shrimp	Texas A&M University	\$11,500.00
1973/1974	Russell L. Stogsdill	Port signage system	Texas A&M University	\$18,300.00
1973/1974	Robert E. Schiller, Jr.	Undergraduate and graduate ocean engineering programs	Texas A&M University	\$2,000.00
1973/1974	John E. Ball	Management of tank washings	Texas A&M University	\$14,000.00
1973/1974	Calvin E. Woods	Environmental quality management in international coastal zone	Texas A&M University	\$13,000.00
1973/1974	Richard E. Withers, Jr.	Environmental effects of deepwater terminal related industries	Texas A&M University	\$15,000.00
1973/1974	J. Frank Slowey	Removal, treatment and disposal of sediments containing industrial wastes	Texas A&M University	\$15,000.00
1973/1974	Robert E. Shiller	Environmental simulation and modification	Texas A&M University	\$20,000.00
1973/1974	Richard F. Dominguez	Offshore pipelines	Texas A&M University	\$20,500.00
1973/1974	David R. Basco	Hydraulic characteristics of diked dredge spoil areas	Texas A&M University	\$20,000.00
1973/1974	Leonard Dale Webb	Application of polymers in the marine environment	Texas A&M University	\$14,000.00
1973/1974	Roy W. Hann, Jr.	Enhancement of Texas estuaries by aeration	Texas A&M University	\$16,000.00
1973/1974	Roy W. Hann, Jr.	Control of hazardous materials in the coastal zone	Texas A&M University	\$15,000.00
1973/1974	Clinton A. Phillips	Development of M.S. curriculum in marine resource management	Texas A&M University	\$8,000.00
1973/1974	Wayne M. Ahr	Matagorda Bay area: Coastal processes & shoreline stability	Texas A&M University	\$30,000.00
1973/1974	Christopher C. Mathewson	Silting mechanisms: Intercoastal waterway, Kennedy county area	Texas A&M University	\$13,500.00
1973/1974	Anthony F. Gangi	Coastal seabed sediment map - Galveston to Freeport	Texas A&M University	
1973/1974	Norman C. Whitehorn	Marine industry analyses	Texas A&M University	\$21,300.00
1973/1974	Daniel M. Bragg	Fresh seafood distribution and handling techniques	Texas A&M University	\$18,800.00
1973/1974	Billie I. Ingram	Economic impact of recreation & tourism	Texas A&M University	\$21,000.00
1973/1974	Edward L. Beckman	Decompression tables for post saturation diving	Texas A&M Galveston	\$19,000.00
1973/1974	Sammy R. Ray	Oyster mariculture on the upper Texas coast	Texas A&M Galveston	\$16,000.00
1973/1974	Joseph L. Melnick	Quantitative estuarine & shellfish virus enumeration	Baylor College of Medicine	\$30,000.00
1973/1974	Richard A Geyer	Naturally occurring hydrocarbons	Texas A&M University	\$17,000.00
1973/1974	Willis E. Pequegnat	Development of ocean sources of prostaglandins	Texas A&M University	
1973/1974	Jack C. Parker	Shrimp pond culture	Texas A&M University	\$93,500.00
1973/1974	Sterling K. Johnson	Diagnosis and treatment of shrimp diseases in ponds	Texas A&M University	\$8,000.00
1973/1974	Hoy A. Richards	Transportation of waterborne materials: Economic considerations	Texas A&M University	\$20,000.00
1973/1974	Wayne E. Etter	Financing private recreation in the coastal zone	Texas A&M University	\$11,600.00
1973/1974	Donald H. Lewis	Development and presentation of courses related to fish health	Texas A&M University	\$4,500.00
1973/1974	Donald H. Lewis	Microbial diseases of marine organisms	Texas A&M University	\$21,455.00
1973/1974	Richard L. Noble	Teaching & course development in fisheries	Texas A&M University	\$14,000.00
1973/1974	James Teer	Evaluation of potential fisheries of under-utilized finfish species	Texas A&M University	\$39,000.00
1973/1974	Edward D. Middleton	Ocean and marine technology	Brazosport College	\$12,000.00
1973/1974	Charles P. Turco	Metal and bacterial concentration in Sabine Lake	Lamar University	\$16,000.00
1973/1974	Charles P. Turco	Recreational land and facilities If Sabine estuaries	Lamar University	\$9,000.00
1972/1973	John P. Nichols	Selected market evaluation for Texas trawl fish	Texas A&M University	\$17,238.00
1972/1973	Bryant F. Cobb III	Factors affecting vessel storage and subsequent shelf life of trawl fish	Texas A&M University	\$22,555.00
1972/1973	Carl Vanderzant	Fishery product processing - sanitation, quality control, new product development	Texas A&M University	\$17,819.00
1972/1973	Carl Vanderzant	Sanitary quality and shelf life of pond reared shrimp	Texas A&M University	\$11,114.00
1972/1973	Russell L. Stogsdill	Port signage system	Texas A&M University	\$15,000.00
1972/1973	Frank P. Buffa	The development of a conceptual framework for the analysis of resource management problems	Texas A&M University	\$17,000.00
1972/1973	John B. Herbich	Undergraduate curriculum and course development in ocean engineering	Texas A&M University	\$15,500.00
1972/1973	Wesley P. James	Media and text development in environmental engineering	Texas A&M University	\$7,629.00
1972/1973	John B Herbich	Offshore pipelines	Texas A&M University	\$26,000.00
1972/1973	Roy W. Hann, Jr.	Control of hazardous materials in the coastal one	Texas A&M University	\$15,000.00
1972/1973	Roy W. Hann, Jr.	Enhancement of Texas estuaries by aeration	Texas A&M University	\$17,000.00
1972/1973	Robert E. Shiller	Environmental simulation and modification	Texas A&M University	\$30,000.00
1972/1973	J. Frank Slowey	Removal, treatment and disposal of sediments containing industrial wastes	Texas A&M University	\$15,000.00
1972/1973	David R. Basco	A study of dredge spoil dispersion in Galveston Bay	Texas A&M University	\$14,265.00
1972/1973	Robert M. Sorenson	A study of the coastline change processes of sediment transport and deposition at the Brazos River delta	Texas A&M University	\$20,000.00
1972/1973	Clinton A. Phillips	Development of M.S. curriculum in marine resource management	Texas A&M University	\$91,000.00
1972/1973	James R. Bradley	Offshore port study	Texas A&M University	\$25,000.00
1972/1973	John Miloy	Gulf intracoastal waterway of Texas	Texas A&M University	\$18,000.00
1972/1973	Norman C. Whitehorn	Marine industry analyses	Texas A&M University	\$15,000.00
1972/1973	Albert Schaffer	Technical information and policy on coastal resources	Texas A&M University	\$10,461.00
1972/1973	Ernest L. Kistler	Development of coastal and ocean engineering programs in Galveston	Texas A&M Galveston	\$18,374.00
1972/1973	Edward L. Beckman	Decompression tables for post saturation diving	Texas A&M Galveston	\$44,667.00
1972/1973	James M. McCloy	Atlas of Texas shrimp fishing	Texas A&M Galveston	\$12,800.00
1972/1973	Sammy R. Ray	Development of a pilot oyster hatchery	Texas A&M Galveston	\$19,405.00
1972/1973	Sammy R. Ray	Feasibility studies of oyster mariculture on the upper Texas coast	Texas A&M Galveston	\$11,158.00

**Funded Research Projects
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Funding Period	PI	Title	Institution/Affiliation	Amount
1972/1973	Sammy M. Ray	Galveston coastal laboratory	Texas A&M Galveston	\$63,900.00
1972/1973	Joseph L. Melnick	Assessment of potential public health hazards in Texas coastal waters	Baylor College of Medicine	\$35,944.00
1972/1973	William R. Bryant	Seabed stability: Continental margin, Gulf of Mexico	Texas A&M University	\$60,000.00
1972/1973	Jerald W. Caruthers	Shallow water acoustics	Texas A&M University	\$20,772.00
1972/1973	Thomas J. Bright	Acoustical detection of marine organisms	Texas A&M University	\$7,564.00
1972/1973	Richard A. Geyer	A study of natural hydrocarbon seepage in the Gulf of Mexico	Texas A&M University	\$18,750.00
1972/1973	Jack C. Parker	Pond shrimp culture	Texas A&M University	\$95,171.00
1972/1973	Sterling K. Johnson	Diagnosis and treatment of shrimp diseases in ponds	Texas A&M University	\$2,000.00
1972/1973	Hoy A. Richards	Transportation of waterborne hazardous materials in the west Gulf coastal regions of Texas: Economic consideration of the risk involved	Texas A&M University	\$20,000.00
1972/1973	Wayne E. Etter	Financial planning for Texas waterways and harbors	Texas A&M University	\$15,000.00
1972/1973	Roger D. Anderson	Cruise support for field studies, education and training	Texas A&M University	\$36,000.00
1972/1973	Roger D. Anderson	Educational improvement	Texas A&M University	\$12,400.00
1972/1973	George W. Klontz	Graduate courses in aquatic animal medicine	Texas A&M University	\$9,992.00
1972/1973	George W. Klontz	Intrinsic causes of fish kills in biologically and chemically contaminated coastal waters	Texas A&M University	\$14,200.00
1972/1973	Donald H. Lewis	Microbial Human health hazards in Texas trawl fish	Texas A&M University	\$22,156.00
1972/1973	Donald H. Lewis	Microbial diseases of pond reared shrimp	Texas A&M University	\$21,455.00
1972/1973	David V. Aldrich	Temperature tolerance and acclimation of brown and white shrimp (<i>Penaeus aztecus</i> and <i>P. setiferus</i>)	Texas A&M University	\$17,849.00
1972/1973	David V. Aldrich	Distribution of some estuarine shellfish in experimental gradients of temperature and salinity	Texas A&M University	\$14,985.00
1972/1973	James Teer	Teaching & course development in fisheries	Texas A&M University	\$12,000.00
1972/1973	James Teer	Estimation of Texas trawl fish resource	Texas A&M University	\$39,896.00
1972/1973	Charles P. Turco	Sabine coastal laboratory	Lamar University	\$35,000.00
1970/1972	Carl Vanderzant	Role of microorganisms in the quality deterioration of seafoods	Texas A&M University	\$27,078.00
1970/1972	Zerle L. Carpenter	Post-mortem characteristics and biochemical properties affecting the organoleptic quality of fish muscle	Texas A&M University	\$27,078.00
1970/1972	Russell L. Stogsdill	Port and harbor development system	Texas A&M University	\$21,885.00
1970/1972	Roy W. Hann, Jr.	Bottom sludge accumulation and oxygen demand in a polluted estuary	Texas A&M University	\$60,000.00
1970/1972	John B. Herbich	Coastal and ocean engineering graduate program	Texas A&M University	\$12,000.00
1970/1972	Robert E. Schiller, Jr.	Scour of Gulf coast sand beaches due to wave action in front of sea walls and dune barriers	Texas A&M University	\$19,500.00
1970/1972	Robert M. Sorenson	Investigation of hydraulic characteristics and dynamic balance of tidal inlets along the Texas Gulf coast	Texas A&M University	\$23,384.00
1970/1972	Harry M. Coyle	An analytical solution for the dynamic response of a laterally loaded pile	Texas A&M University	\$17,994.00
1970/1972	Stephen Riter	Acoustic communications	Texas A&M University	\$21,750.00
1970/1972	Clinton A. Phillips	Development of M.S. curriculum in marine resource management	Texas A&M University	\$24,000.00
1970/1972	James R. Bradley	Offshore port facility study	Texas A&M University	\$33,000.00
1970/1972	John Miloy	Comprehensive land use analysis of the Texas Gulf Coast	Texas A&M University	\$37,500.00
1970/1972	Samuel M. Gillespie	Pilot study of distribution activities and merchandising practices associated with the seafood industry in the Texas Gulf coast region	Texas A&M University	\$18,488.00
1970/1972	E.I. Bailey	Development of an automatic marine corer	Texas A&M University	\$24,000.00
1970/1972	William R. Bryant	Shear strength determination of marine sediments by means of wave energy ratios	Texas A&M University	\$39,035.00
1970/1972	Richard A. Geyer	Hydrocarbon studies	Texas A&M University	\$37,500.00
1970/1972	Thomas J. Bright	Acoustical detection of marine organisms	Texas A&M University	\$12,000.00
1970/1972	Arnold H. Bouma	Electrical logging in aquatic environments	Texas A&M University	\$20,250.00
1970/1972	Jerald W. Caruthers	Development of acoustic nonlinearity as a means of sediment characterization	Texas A&M University	\$12,000.00
1970/1972	Clare A. Gunn	Environmental evaluation of a seacoast for tourism recreation development	Texas A&M University	\$23,422.00
1970/1972	John E. Hutchison	Mariculture pond demonstrations	Texas A&M University	\$113,000.00
1970/1972	G. Sadler Bridges	Transport flow statistics	Texas A&M University	\$16,865.00
1970/1972	Eliezer Erel	Law and the marine resources of the Gulf of Mexico	University of Houston	\$77,655.00
1970/1972	William E. Haensly	A histologic study of Marine Fish	Texas A&M University	\$5,250.00
1970/1972	George W. Klontz	Bacterial and viral diseases and cell cultures of marine fish and shellfish	Texas A&M University	\$82,657.00
1970/1972	F.D. Faries, Jr.	Seasonal incidence, geographic distribution, host-parasite relationship and Public health significance of parasites of marine food fishes	Texas A&M University	\$6,452.00
1970/1972	R. Kirk Strawn	Production of commercial crustaceans and fishes on the upper Texas Coast	Texas A&M University	\$48,573.00
1970/1972	W.F. McIlhenny	Shrimp culture research	The Dow Chemical Company	\$48,000.00

**Funded Research Projects
1968 - 2016**

Funding Period	PI	Title	Institution/Affiliation	Amount
1969/1971	Daniel T. Hanson	Applications of bioengineering: Growth characteristics of marine organisms	Texas A&M University	\$35,000.00
1969/1971	Joseph Sonnenfeld	The decision-maker in a marine environment	Texas A&M University	\$10,000.00
1969/1971	Leo Berner	An ecological survey of the offshore waters of the Gulf of Mexico	Texas A&M University	\$35,000.00
1969/1970	R.E. Wainerdi	Neutron activation analysis for the study of metallogenic provinces on the ocean floor	Texas A&M University	\$15,000.00
1969/1970	John E. Pearson	Capital financing in the shrimp industry	Texas A&M University	\$10,000.00
1969/1970	Richard A. Geyer	Marine Geochemical Analysis	Texas A&M University	\$12,000.00
1969/1970	William R. Bryant	Shear strength determination of marine sediments by means of wave energy ratios	Texas A&M University	\$20,000.00
1968/1971	W.B. Jones	Undersea communications	Texas A&M University	\$9,000.00
1968/1970	Charles W. Dill	Studies of loss of fresh flavor in seafoods	Texas A&M University	\$39,836.00
1968/1970	Wendell A. Landmann	Post-mortem characteristics and biochemical changes affecting organoleptic quality of fish and shellfish from the Gulf of Mexico	Texas A&M University	\$63,136.00
1968/1970	Carl Vanderzant	Role of microorganisms in the quality deterioration of seafoods	Texas A&M University	\$41,336.00
1968/1970	John G. Mackin	Studies on the Labyrinthulae of commercial molluscs	Texas A&M University	\$50,194.00
1968/1970	Donald D. McLain	The systematic collection of the marine biota of the littoral and near-littoral regions of the Gulf of Mexico	Texas A&M University	\$98,332.00
1968/1970	John B. Herbich	Height of wave run-up on composite beaches	Texas A&M University	\$42,658.00
1968/1970	John B. Herbich	Scour of flat sand beaches due to wave action in front of sea walls	Texas A&M University	\$42,658.00
1968/1970	John B. Herbich	Effect of fluid viscosity of non-Newtonian fluids on cavitation characteristics of a dredge pump	Texas A&M University	\$49,087.00
1968/1970	Thomas Edwards	The effects of pile driving hammer and pile properties on the driving characteristics of large off-shore piling	Texas A&M University	\$30,301.00
1968/1970	Thomas Edwards	An analytical solution for the dynamic response of a laterally loaded pile	Texas A&M University	\$21,189.00
1968/1970	William B. Davis	Biological response to organic chemicals in estuaries	Texas A&M University	\$37,246.00
1968/1970	Roy W. Hann, Jr.	Bottom sludge accumulation and oxygen demand in a polluted estuary	Texas A&M University	\$59,425.00
1968/1970	Roy W. Hann, Jr.	Velocity distribution in estuary cross sections	Texas A&M University	\$36,259.00
1968/1970	Lee L. Lowery, Jr.	Prediction of pile load capacity by the wave equation versus commonly used pile driving formulas	Texas A&M University	\$19,552.00
1968/1970	Robert M. Sorensen	Stereo-photogrammetric analysis of certain wave refraction and diffraction problems	Texas A&M University	\$34,898.00
1968/1970	Robert M. Sorensen	Effect of surface roughness of the wave forces on a cylindrical pile	Texas A&M University	\$35,331.00
1968/1970	Russell Thompson	Optimal Investment, operations and inventory controls for the representative competitive firm in fishery complex	Texas A&M University	\$67,813.00
1968/1970	John H. Milliff	A histologic study of marine fish	Texas A&M University	\$25,356.00
1968/1970	Leland C. Grumbles	Cell cultures for biology of marine species	Texas A&M University	\$19,463.00
1968/1970	Donald H. Lewis	The status of marine fish as reservoirs of microorganisms pathogenic to man and animals	Texas A&M University	\$17,074.00
1968/1970	Rural R. Bell	Occurrence and significance of parasites in commercial ocean food fish	Texas A&M University	\$20,162.00
1968/1970	Thomas W. Dukes	A pathological investigation of two human and livestock pathogens in fish that have been associated with fish and their products	Texas A&M University	\$24,869.00
1968/1970	R. Kirk Strawn	Production of commercial crustaceans and fishes on the upper Texas Coast	Texas A&M University	\$162,046.00
1968/1970	Richard J. Baldauf	Description of life history stages of selected finfishes of the Texas Coast	Texas A&M University	\$159,942.00
1968/1970	J. Van Conner	Biological survey of shallow-water nursery areas of the Galveston estuarine system	Texas A&M University	\$49,636.00