

SURFO Students 1986 - 2024

Summer 2024	School	Project title	Advisor(s)
Eli Bohlander	Purdue University	Kinematic modeling and testing of the Sailing Spar Buoy	Chris Roman
Deyanneira Colon	Aurora University	Effects of nutrients on mixotrophs in Narragansett Bay	Susanne Menden-Deuer
Ryleigh Emmert	Williams College	The dynamics of ocean currents around mesophytic and deep-sea coral reefs in the Gulf of Mexico	Andrew Davies
Iana Jacobs	Boston University	Assessing the impact of Eastern oyster (<i>Crassostrea virginica</i>) aquaculture on local carbonate chemistry in Narragansett Bay	Hongjie Wang
Jacob Krance	Mississippi State University	Using geochemistry to resolve changes in mid-ocean ridge melt processes as seafloor spreading ends	Katherine Kelley
Samantha Kratman	Pennsylvania State University	Identification and distribution of <i>Alvinella popejana</i> from the Eastern Pacific Rise	Roxanne Beinart
Nate Nowel	Washington University in St. Louis	Understanding the role of the Gulf Stream in surface wind convergence using saildrone vehicles	Jaime Palter
Manavi Pantnani	Stevens Institute of Technology	Underwater target inspection using AUVs and sensor fusion	Mingxi Zhou
Paola Roman Morales	University of Puerto Rico, Mayagüez	PFAS analysis in plankton samples from the Gulf of Maine	Rainer Lohmann
Nina Storzynsk	Cornell University	Altered nitrogen cycles in the Mozambique Channel during the super-interglacial marine isotope stage 31 inferred from foraminifera	Rebecca Robinson
Hector Torres de Jesus	University of Puerto Rico, Humacao	Characterization of fatty acids in symbiotic and aposymbiotic <i>Astrangia pocolata</i> : Insights into energy acquisition and environmental adaptation	Kelton McMahon
Alan Whelan	University of Maryland	Investigating the spatial and temporal variability of the Good Hope Jet	Kathleen Donohue
Summer 2023	School	Project title	Advisor(s)
Georgia Ahumada	University of Miami	Analysis of two novel pH time series in Narragansett Bay	Hongjie Wang
Alvin Bett	University of Maryland, Baltimore County	Passive sampling of PFAS with o-DGT samplers	Rainer Lohmann
Ella Crotty	Reed College	Comparing shark migration cues across ecotypes	Brad Weatherbee
Roman Ferraro	University of Southern California	Building isoscapes to track nutrient cycling in the NW Atlantic Ocean	Kelton McMahon
Benjamin Ginnett	Utah State University	Utilizing sensor fusion to map icebergs	Mingxi Zhou
Julian Lin	University of Wisconsin, Madison	How does the ocean modulate the atmosphere: New analysis from Saildrone uncrewed surface vehicles	Jaime Palter
Miguel Moreno Lopez	Ana G. Mendez University, Gurabo Campus	Predicting seafloor deformation: An analysis of ocean currents in subduction zones	Rainer Lohmann
Olivia Polemeni	Duke University	Water column analysis of deep sea corals to determine reef distribution in the Gulf of Mexico	Andrew Davies
Alex Provasnik	Bates College	Passive sampling of indoor air PFAS concentrations around URI	Rainer Lohmann
Jake Rademacher	Boston University	Automized bay scallop hide and seek	Chris Roman
Olivia Rebernik	Rutgers University	Evaluating the potential of oyster shells as a means of ocean alkalinity enhancement	Hongjie Wang
Rachel Stumpf	St. Olaf College	An evaluation of level 3 super-collated satellite data on sea surface temperature	Peter Cornillon & X Prochaska
Summer 2022	School	Project Title	Advisor(s)
John Carter	Duke University	Designing a streamlined sonar attachment for the Heron autonomous surface vehicle	Mingxi Zhou
Arnaldo Díaz Martínez	University of Puerto Rico, Mayagüez	Dynamics of nutrient limitations and grazing controls of phytoplankton in the Narragansett Bay during summer	Susanne Menden-Deuer
Nathan Gonzalez	Gordon College	Assessing shoreline erosion using digital elevation models derived from photogrammetry and bathymetry models	Stephen Licht
HuxleyAnn Heufner	Scripps College	Effects of cold-water coral rugosity and patch length on near-bed flow patterns	Andrew Davies
Ashley Hutchins	University of Rhode Island	Modeling and experimental analysis of differential thrust on a low-cost, lightweight unmanned surface vehicle	Jason Dahl
Kayli Matsuyoshi	University of California, San Diego	Improving the GNSS-IR method to measure sea level rise	Meng (Matt) Wei
Riannon Moore	Emory University	Mapping biogeochemical cycling of carbon and nitrogen in the northwest Atlantic	Kelton McMahon
Loreto Paulino Jr.	University of Guam	Passive Air Sampling for Outdoor and Indoor Volatile and Ionic Per- and Polyfluoroalkyl Substances (PFAS)	Rainer Lohmann
Margaret Retting	Bowling Green State University	Spatiotemporal patterns in parasitic dinoflagellate	Tatiana Rynearson
Elisabeth Sellinger	University of Colorado, Boulder	Analyzing domoic acid production of toxigenic <i>Pseudo-nitzschia</i> species isolated from Narragansett Bay, RI in nutrient-limiting conditions	Bethany Jenkins
Kate Silvester	University of Colorado, Boulder	Analyzing the biofouling properties and spore adhesion strength of <i>Ulva</i> from Mackerel Cove	Lucie Maranda
Bryca Song-Weiss	Vanderbilt University	Assessing beach system changes and anthropogenic signatures along the RI south shore	J. P. Walsh
Summer 2021	School	Title	Advisor(s)
Jake Champlin	Roger Williams University	Development of an automated winch system for water column profiling with an autonomous surface vehicle	Chris Roman
Katharina Gallmeier	Columbia University	Evaluation of high-resolution MIT/JPL ocean general circulation model with respect to satellite observations	Peter Cornillon & X Prochaska
Efrain Gerena Rodriguez	Interamerican University Puerto Rico	Puerto Rico and the blue economy: towards an energy independent island	Melissa Omand
Olivia Heinen	St. Olaf College	Monitoring changes in ocean temperature using ambient noise	Yang Shen
Amanda Herbst	California Polytechnic State University, San Luis Obispo	Calibrating underway chlorophyll-a fluorescence across the northeast U. S. shelf for long-term ecological research	Susanne Menden-Deuer
Justine Intemann-Milligan	University of California, Berkeley	Resource use and partitioning in co-occurring sea turtle species	Kelton McMahon
Madolyn Kelm	Willamette University	Exploring sea surface temperature data using machine learning	Peter Cornillon & X Prochaska
Hagan Klobusnik	Texas A&M University, Galveston	Assembling the genome of a deep-sea symbiont from the Ariana back-arc	Roxanne Beinart
Emmanuel Rivera Maranda	Ana G. Mendez University	Drone vehicles: an introduction to autonomous underwater vehicles	Mingxi Zhou
Lizzy Sorzano	Northeastern University	A modern comparison of macroalgal diversity and abundance to historic surveys of the rocky intertidal shores in Acadia, Maine	Catherine Johnson
Kaelyn Tyler	College of Coastal Georgia	Characterizing changes of diatom concentration and vertical nutrient coupling through time series analysis in Narragansett Bay, RI	Tatiana Rynearson
Victoria Wendover	Jacksonville University	Identifying environmental parameters responsible for the Pseudo-nitzschia bloom in Narragansett Bay	Colleen Mouw
Summer 2020 (virtual)	School	Title	Advisor(s)
Louis Borrelli	St. Vincent College	Modeling increased impacts of Nor'easters due to sea level rise in coastal New England parks	Amanda Babson & Isaac Ginis
Taylor Bowen	Georgia Gwinnett College	Phytoplankton imaging and optics from the GSO pier	Colleen Mouw
Samuel Bultman	University of North Carolina, Charlotte	Exploring a low cost and low power strobe for improved underwater imaging	Chris Roman
Ahmyia Cacapit	University of Guam	Investigating the distribution of marine plastic in coastal sediments around Guam	J. P. Walsh
Jade Case	Rollins College	Exploring Hydrographic Patterns in the Pettaquamscutt River Estuary	Rob Pockalny
Tobias Kochenderfer	University of Arizona	Modeling of PFAS partitioning behavior in passive sampler media	Rainer Lohmann
Julia Lober	Tufts University	Ocean color optics and phytoplankton composition on the Northeast Atlantic Shelf	Colleen Mouw
Ysabella Luikart	SUNY, College of Environmental Science & Forestry	Exploratory study examining the effect of Covid-19 on EBUS	Jaime Palter
Madeline Mamer	University of Washington	A Swirl's Impact on a Warming Shelf: An Investigation into the Mid Atlantic Bight's Slope Water Gyre and its Influence on a Warming Continental Shelf	Jaime Palter
Andria Miller	Jackson State University	Dynamics of the plankton community structure in bodies of water in Mississippi	Susanne Menden-Deuer
Angel Reyes Delgado	Universidad Ana G. Mendez, Cupey	Examining Atlantic cod stock structure in the Northwest Atlantic morphometric analyses	Kelton McMahon
Matt Rigdon	University of Minnesota, Duluth	Encouraging Coastal and Marine Restoration in our National Parks: Creating an interactive, spatial, restoration database	Catherine Johnson
Adalberto Ubinas	University of Puerto Rico, Humacao	Assessing the extent and variability of the Oxygen minimum zone in the North-Eastern Part of the Gulf of St. Lawrence	Mingxi Zhou
Summer 2019	School	Title	Advisor(s)
Marc Diard	North Carolina State University	Computing wintertime surface heat and momentum fluxes in the Gulf Stream from Saildrone data	Kathy Donohue & Stuart Bishop
Angela Dougal	University of Rhode Island	Putting eyes in the ocean twilight zone: Documenting the world's largest animal migration	Melissa Omand
Paul Ernst	University of Delaware	On the characteristics of hurricane roll vortices over land	Issac Ginis
Nick Gershfeld	Cornell University	Development of the internal structure of the multipurpose autonomous underwater vehicle (MAUVe)	Mingxi Zhou
C. Nicole Hammond	Salisbury University	The effect of altering light intensity on the cell size, carbon and volume relationships for varying phytoplankton	Susanne Menden-Deuer
Kamal James	Lehman College, City University of New York	Mapping of tectonic features submerged beneath Lake Azuei, Haiti: Implications for seismic hazards	Marie-Hélène Cormier
Sommer Meyer	University of Rochester	Using stable isotopes to trace marine eco geochemical cycling in chemosynthetic symbiotic awning clams	Roxanne Beinart & Kelton McMahon
Lydia Nuñez	Ana G. Mendez University	Examining how primary productive shifts one a summer season in Narragansett Bay	Tatiana Rynearson, advisor
Jamiliez Olmo Classen	University of Puerto Rico, Arecibo	Testing nanographene as a passive sampler for emerging contaminants of environmental concern in Narragansett Bay	Rainer Lohmann & Jitka Becanova
F. Gage Pilone	Colorado School of Mines	Understanding sediment biogeochemical exchanges of nutrients impact on ecosystem health in Narragansett Bay	Rebecca Robinson, advisor
Sandra Rech	University of Kansas	The effect of rising and falling tides and currents on Matunuck Oyster Farm	Chris Roman, advisor
Brianna Villalon	Texas A&M University, Corpus Christi	Underlining the key contributors to smooth dogfish trends in abundance in New Jersey and Delaware waters	Camilla McCandless
Benjamin Watzak	Texas A&M University, College Station	Using multiple-GNSS interferometric reflectometry to monitor sea level in Narragansett Bay	Meng (Matt) Wei
Summer 2018	School	Title	Advisor(s)
Cassandra Alexander	Millersville University	A comparison of phytoplankton species distributions at the Graduate School of Oceanography dock and at the long-term plankton survey site using an	Colleen Mouw
Lauren Cook	University of South Carolina	The influence of the Gulf Stream on small migrating animals of the mesopelagic	Jaime Palter
Gibson Leavitt	Roger Williams University	Water monitoring with an autonomous surface vehicle	Chris Roman

Deborah Leopo	University of California, Santa Cruz	Comparing genotypic sequences and morphological data in putatively cryptic Alviniconcha species from hydrothermal vents in the Lau Basin, Tonga	Roxanne Beinart
Robert Lewis	University of Puerto Rico, Mayagüez	Comparison of sea level rise and storm surge modeling in three of the National Park Service's coastal parks to facilitate adaptation strategies	Amanda Babson
Whitney Marshall	Pennsylvania State University	Finite fault slip inversion of selected earthquakes with layered crust structure	Meng (Matt) Wei
Michael Miller	University of St. Thomas	Quantifying the ocean's role in melting Antarctic glaciers	Brice Loose
Allyson Murray	Stockton University	Sedimentary signatures of climate variability and tectonic activity in Lake Azuei, Haiti: Possible implications for natural hazards	Marie-Hélène Cormier
Sarah Paulson	Wesley University	Microbial community profiling of eastern oysters (<i>Crassostrea virginica</i>) infected with <i>Perkinsus marinus</i>	Ying Zang
Elizabeth Tan	Wheaton College	A low-cost benthic weather station to monitor seabed dynamics	J. P. Walsh & Brice Loose
Samantha Vaverka	Augustana College	Investigating <i>Pseudo-nitzschia</i> species composition and toxin production in Narragansett Bay, RI	Bethany Jenkins
Anna Ward	University of California, San Diego	Exploring the effects of turbulence on microzooplankton grazing	Susanne Menden-Deuer & Gayantonia Franzé
Summer 2017	School	Title	Advisors
Elena Ames	Coastal Carolina University	Nutrients and nitrogen fixation across the Gulf Stream	Jaime Palter
Rosalie Cissé	Tougaloo College	Pseudo-nitzschia in Narragansett Bay: Identification based on morphology and growth response to irradiance	Lucie Maranda & Jan Rines
Salvatore Ferrone	Ithaca College	Hurricane landfall	Isaac Ginis
Madison Flasco	Otterbein University	Exploring the relationship between genetic variance in ComEC and uptake efficiency in natural transformation	Ying Zhang
Courtney Hill	Tougaloo College	Policy changes through social networks	Pam Rubinoff & Don Robadue
Kierra Jones	Tougaloo College	Multi-environmental growth assessment plate: A new method of conducting temperature dependent growth experiments	Tatiana Rynearson
Amanda Love	Lake Superior State University	Nutrient cycling of the Southern Ocean during late summer	Becky Robinson
Oliver Lucier	Rice University	Improved bathymetric mapping of Lake Azuei, Haiti, and the use of paleo-shorelines as markers of vertical deformation	Marie-Hélène Cormier
Nicholas Piskurich	University of Notre Dame	Spectral characteristics of a variety of open ocean regions	Peter Cornillon
Shannon Riley	Oregon State University	Interactions of euphausiid distributions in the Eastern Tropical North Pacific with the oxygen minimum zone	Karen Wishner
Jackson Sugar	University of Rhode Island	Miniature isopycnal Lagrangian float	Melissa Omand
Kyle Turner	George Mason University	Optics and phytoplankton in Narragansett Bay, RI	Colleen Mouw
Melanie Wallace	Purdue University	A search for earthquakes in Iran using remote sensing data	Meng (Matt) Wei
Summer 2016	School	Title	Advisor(s)
Nicole Flecchia	University of Rhode Island	Surface Circulation on the New England Coastal Shelf	Lew Rothstein
Matthew Gentry	University of Massachusetts, Amherst	Integration of gene expression data in genome-scale metabolic modeling	Ying Zhang
Jakob Gessay	Coastal Carolina University	Estimating biomass and analyzing bloom seasonality of the diatoms, <i>Skeletonema costatum</i> (s.l.), <i>Detonula confervacea</i> , and <i>Thalassiosira nordenskiöldii</i>	Ted Smayda & David Borkman
Scott Goldberg	Northwestern University	Applications of aerial multi-spectral imagery for algal bloom monitoring in Rhode Island	Stephen Licht
Austin Grubb	Susquehanna University	Light-induced morphological variation in diatoms	Jan Rines
Annelise Hill	Reed College	Effect of wind on water level and dissolved oxygen concentration at Assateague Island National Seashore	Amanda Babson
Alexandra Norwood	Arizona State University	Nitrogen cycle connectivity along the Agulhas Current	Becky Robinson
Ariel Pezner	University of California, Los Angeles	Zooplankton biodiversity and community composition in response to environmental change in Narragansett Bay	Tatiana Rynearson & Gang Chen
Adena Schonfeld	University of Miami	Sex-specific population dynamics and trophic ecology of the summer flounder (<i>Paralichthys dentatus</i>) in Narragansett Bay, Rhode Island	Jeremy Collie
Whitney Schultz	Colorado School of Mines	Non-volcanic tremors associated with a slow slip event in South Central Alaska between 2009-2013	Meng (Matt) Wei
Christopher Vatrál	Eastern Nazarene College	Passive sampling of perfluoroalkyls in aqueous film forming foam with polyacrylate fibers	Rainer Lohmann
Jennifer Warmack	Humboldt State University	Sinking microfibers on the New England continental shelf	Melissa Omand
Elizabeth Wright-Fairbanks	Middlebury College	Assessing the effect of copepod excretions on the growth and ingestion rate of the phagotrophic protist <i>Oxyris marina</i>	Sussane Menden-Deuer
Summer 2015	School	Title	Advisor(s)
Hyunung Boo	McGill University	Developing a novel method for marine particle imaging in situ using holographic Microscopy	Melissa Omand
Keaton Breneman	Rutgers University	Comparing modeled Gulf Stream strength and variability to observations	Kathy Donohue & Tom Rossby
Blake Cross	Colorado School of Mines	Episodic tremor and slip in South Central Alaska	Matt (Meng) Wei
Julia Hogan	University of South Carolina	Eastern oyster shell reintroduction and dissolution as a coastal acidification mitigator in Narragansett Bay, RI	Anton Post
Connor Jones	State University of New York, Binghamton	Growth and maturity of Narragansett Bay black sea bass, <i>Centropristis striata</i>	Jerry Collie
Brittany Kerr	Adrian College	Determination and estimation of polyethylene-water equilibrium partition coefficients for organophosphate flame retardants and current-use pesticides	Rainer Lohmann
Joshua Port	Tufts University	Ocean surface wave modeling under hurricane conditions	Tetsu Hara
Kyle Rennell	Lock Haven University	Biogenic silica records of productivity across Narragansett Bay's nutrient gradient from pre-industrialization to present	Becky Robinson
Felicia Rodier	Salem State University	Exploring the use of I/Ca as a proxy for dissolved oxygen in the Eastern Tropical Pacific	Becky Robinson
Nicole Statler	University of Portland	Spring high tides and inundation risk at four northeastern coastal National Parks	Amanda Babson
Emma Thomas	University of Massachusetts, Amherst	Three-dimensional flow visualization of a flexible cylinder undergoing vortex-induced vibrations using digital particle velocimetry	Jason Dahl
Amanda Van Buskirk	Monmouth University	An analysis of winter-spring diatom bloom variability in Narragansett Bay	Ted Smayda & David Borkman
Summer 2014	School	Project title	Advisor(s)
Lucas Albright	Guilford College	Observations on ocean mixing in the Argentine basin	Randy Watts
Cassandra Beaulieu	SUNY College of Environmental Science and Forestry	Method development for evaluating the ammonium nitrogen isotopic composition of point source nutrient inputs into Narragansett Bay	Becky Robinson
Sierra Davis	Indiana University of Pennsylvania	Record of earliest West Antarctic Ice Sheet beneath Ross Sea?	Christopher Sorlien
Andrew Henry	Millersville University	Sea surface temperature response to tropical cyclones	Isaac Ginis
Emily Iskin	University of California, Davis	Spectral analysis of submesoscale energy cascades using subtropical North Atlantic sea surface temperature fields	Peter Cornillon & Fabien Scholesser
Asa Julien	Middlebury College	Adhesion strength of the green alga <i>Ulva cf. Linza</i> and other ship-fouling organisms	Lucie Maranda
John Lodise	University of Delaware	Survey of tsunamis formed by atmospheric forcing on the East Coast of the U.S.	Yang Shen
Carolyn Poutasse	Haverford College	Dirty deployments in Narragansett Bay: Polyethylene uptake rates of persistent organic pollutants (POPs)	Rainer Lohmann
Emily Slesinger	University of California, Santa Cruz	Multi-Decadal Variability in <i>Mnemiopsis leidyi</i> (Ctenophora) Abundance in Narragansett Bay: Climate Change or Prey Mediated?	Ted Smayda & David Borkman
Lauren Sommers	California State University, Monterey Bay	Revising Antarctic Circumpolar Current estimates	Kathy Donohue
Michael Vansco	University of Rhode Island	Measuring the diffusion coefficients of emerging contaminants in low-density polyethylene	Rainer Lohmann
Jonathan Vardner	Worcester Polytechnic Institute	CF3CF5 diffusivity	Brice Loose
Elizabeth Vomack	St. Olaf College	Transcriptome assembly and differential expression analysis for four strains of <i>Heterosigma akashiwo</i>	Tatiana Rynearson & Shu Cheng
Richard Zhang	New York University	Transient separation-like airflow over wind waves and its impact on air-sea momentum flux	Tetsu Hara
Summer 2013	School	Title of project	Advisor(s)
Gabriel Amon	St. Johns University	Testing an arducopter for sea ice mapping in the Arctic	Brice Loose
Charles Chiara	University of Dayton	Long term changes in winter-spring bloom carbon, nitrogen, and silica in lower Narragansett Bay (1959 - 2011)	Ted Smayda & David Borkman
Aislinn Crank	Barnard College	Examining <i>Thalassiosira</i> community composition in the Costa Rica upwelling dome	Dreux Chappell & Bethany Jenkins
Marah Dahn	State University of New York, Geneseo	Reconstructing past plate motions with abyssal hill topography	Rob Pockalny
Brandon Dunham	University of Notre Dame	Experimental verification of numerically predicted optimal efficiency energy extraction hydrodynamics for a flapping foil	Jason Dahl
Elizabeth Fisher	Tufts University	Investigating plume-influenced mid-ocean ridges: Iron redox conditions and tungsten variation at the Galapagos Spreading Center	Katie Kelley
Abigail Johnson	Texas A&M, Corpus Christi	Optimal growth conditions of <i>Rhodococcus</i> isolated from South Pacific Gyre sediments	David Smith
McKenzie Kuhn	Wheaton College	Near surface ozone transport in Rhode Island	John Merrill
Dmitro Martynowych	University of Scranton	An evaluation of polycyclic aromatic hydrocarbons uptake into polyethylene samplers	Rainer Lohmann
Caitlin Russell	Boston University	The effects of pCO ₂ on growth rate and community structure of a natural plankton assemblage from Narragansett Bay, RI	Susanne Menden-Deuer
Robert Ventura	Pomona College	Marine macroinvertebrates and greenhouse gas production: Effects of anthropogenic nutrient and temperature stressors on coastal filter feeders	Serena Moseman-Valtierra
Maddie Wilert	Carlton College	Physiological and genetic diversity in nitrogen-limited <i>Skeletonema</i> species	Tatiana Rynearson
Victoria Yuan	Rice University	A coordinated increase in export production and denitrification on the Costa Rica Margin during the early Pleistocene	Becky Robinson
Summer 2012	School	Project title	Advisor(s)
Cindy Cesar	Rhode Island College	Identification of prey species in <i>Acartia tonsa</i> gut contents in Narragansett Bay, RI	Ted Durbin
Lydia Curliss	Oberlin College	Characterization of seafloor backscatter of seamount moats	Rob Pockalny
Margo David	Colorado College	Long-term bloom patterns of the diatom <i>T. nordenskiöldii</i> in Narragansett Bay	Ted Smayda & David Borkman
Nikiforos Delatolas	Cornell University	Developing a low-cost demonstration ocean wave energy converter	Jason Dahl
Kayla Flynn	Lyon State College	Analysis of coastal surface winds	John Merrill
Josephine Fong	University of California, Berkeley	Using Kinect to measure wave spectrum	Brice Loose

Maureen Haynes	Manhattan College	The role of pressure on polycyclic aromatic hydrocarbons' partitioning into polyethylene passive samplers	Rainer Lohmann
Rachel Hickcox	Worcester Polytechnic Institute	Environmental parameters affecting the halo-tolerance of the toxic raphidophyte <i>Heterosigma akashiwo</i>	Susanne Menden-Deuer
Michelle Jenssen	University of Massachusetts, Amherst	Genetic diversity of <i>Thalassiosira</i> diatoms	Tatiana Rynearson & Gang Chen
Samantha Maness	Pfeiffer University	Thalassiosira community composition in a transect through a biodiversity hotspot	Bethany Jenkins & Dreux Chappell
Jonathan Rempel	State University of New York, Binghamton	Biological warfare in the planktonic world: Allelopathic inhibition of phytoplankton through the production of bioactive compounds	Jan Rines
Julie Warner	American University	Exploring eddy radii in laboratory experiments	Peter Cornillon & Lew Rothstein
Summer 2011	School	Project title	Advisor(s)
John Brice	Manchester College	Stoke's drift due to ocean surface waves under tropical cyclone conditions	Tetsu Hara
Adam Darer	Oberlin College	Metabolic Response of <i>Thalassiosira oceanica</i> to iron limitation	Bethany Jenkins
Erica Gibson	University of Miami	Identification of the two <i>Acartia tonsa</i> populations located in Narragansett Bay and analysis of their biological differences	Ted Durbin
Ben Heath	Northwestern University	Eddy formation and possible sinking in the Northwest Corner of the Atlantic	Dave Ullman
Tom Hespeler	University of Rhode Island	Subseafloor sedimentary fungi and their viability at high pressure	David Smith
Arianna Jesanis	California State University, San Diego	Optimization of PCR conditions to amplify microsatellite loci in <i>Ditylum brightwellii</i>	Tatiana Rynearson
Megan McDonald	University of Southern California	Statistical analysis of replicate grab samples for groundtruthing benthic habitat maps	John King
Andrea Reis	Worcester Polytechnic Institute	Effect of copepods on phytoplankton growth and heterotrophic protist grazing rates in Narragansett Bay	Susanne Menden-Deuer
Emily Rhodes	Whitman College	Dietary guild structure of the fish community in Rhode Island and Block Island Sounds	Jeremy Collie
Kellen Rosburg	Western Washington University	Performance evaluation of the HYCOM Gulf of Mexico model	Kathy Donohue
Summer 2010	School	Project title	Advisor(s)
Patrick Bedsole	North Carolina State University	Diatom-bound nitrogen isotopes: Evidence for changing nutrient utilization in the Southern Ocean over the last 30 ky	Becky Robinson
Jennifer Brizzolara	University of New Orleans	Underwater video as a ground-truth technique to interpret patterns in side-scan sonar backscatter intensity	John King
Jennifer Giard	University of Rhode Island	Evidence of internal tides in Drake Passage using CPIES data	Kathy Donohue
Hilary Hamer	Rensselaer Polytechnic Institute	Pyrene fluorescence loss method for environmental black carbon	Rainer Lohmann
Nicholas Hawco	Washington University	Species specific screening between centric diatoms <i>Thalassiosira rotula</i> and <i>T. gravida</i> significant divergence in rDNA: problems in <i>Ditylum brightwellii</i>	Tatiana Rynearson
Colin Hughes	Ursinus College	Relationship between sea surface temperature and hurricane intensity change	Isaac Ginis
Lauren Kristofco	Allegheny College	Ulva spore adhesion on treated optically clear surfaces	Lucie Maranda
Anna Mosby	Duke University	Phytoplankton dynamics in Narragansett Bay	Susanne Menden-Deuer
John Salter	Austin Peay State University	Time evolution of a sea surface temperature front	Peter Cornillon
Summer 2009	School	Project title	Advisor(s)
Alison Brandeis	Colby College	Detecting vertical gradients of polycyclic aromatic hydrocarbons in Narragansett Bay using passive samplers	Rainer Lohmann
Melissa Brinson	University of Florida	Effect of air-sea interaction on hurricane intensity	Isaac Ginis
Glenna Clifton	Barnard College	Quantification of ozone sonde response-time delay in atmospheric ozone profiles	John Merrill
Jennifer Daniels	University of Rhode Island	Detecting the signatures of vertical mixing in towed undulating CTD profiles	Dave Ullman
Sarah Frazar	Providence College	Diel vertical migration patterns of micronekton in an oxygen minimum zone in the Eastern Tropical Pacific	Karen Wishner
Kelsey Obenour	Valparaiso University	Detection and probability of ocean fronts in AMSR-E satellite data	Peter Cornillon
Benjamin Parks	Carleton College	The influence of cooling history on the redox conditions of subduction zone magmas	Katie Kelley
Joel Perry	Milligan College	The effects of physical processes on diatom dispersal in the Northeast Pacific	Tatiana Rynearson
Danielle Slotke	Valparaiso University	Kuroshio extension meanders	Kathy Donohue
Summer 2008	School	Project title	Advisor(s)
Alexandra Bowman	City University of New York, Queens	Characterizing circulation patterns in Wuonochontaug Salt Pond, RI	Rob Pockalny
Kimberly Cavaliere	Providence College	Treatment of invasive species in ballast water	Lucie Maranda
Victoria Dekany	University of Dallas	Passive sampling of PAHs in Narragansett Bay: Failures and Successes	Rainer Lohmann
Kathryn George	Slippery Rock University	Detection of upper tropospheric and lower stratospheric ozone layering events	John Merrill
Caroline Green Hunt	Colby College	A high-resolution magnetoclimatological study of loess from the central eastern Pampas of Buenos Aires, Argentina	John King
Sarah Hayes	Tufts University	Recovery of the Pettaquamscutt (Narrow) River Estuary following an overturn in October 2007	Veronica Berounsky
Michelle Johnson	Westminster College	Analysis of benthic community changes during and after hypoxia in Greenwich Bay	John King
Kari Pohl	Roger Williams University	Adapting the 15N-NH4+ method for isotope ratio mass spectroscopy	Becky Robinson
Brittany Wright	Tufts University	Characterizing Doppler velocity information from a pair of sidescan sonars in Narragansett Bay	Tetsu Hara & Dave Ullman
Summer 2007	School	Project title	Advisor(s)
Katie Bentley	Boston University	Balancing the radium budget with 224Ra and 223Ra	Brad Moran & Pat Kelly
Benjamin Bloss	University of Akron	An investigation of oceanic island wake mechanisms	Dave Hebert
Sarah Fuller	St. Lawrence University	Pycnocline variability in the North Central Black Sea	Mark Wimbush & Dwight Coleman
Christina King	University of Arizona	Developing a method to quantify seafloor roughness	Rob Pockalny
Nathan Lauffenburger	State University of New York, Geneseo	Observation of near-surface bubble structures using an underwater sonar system	Tetsu Hara & Dave Ullman
Christine Lavoie	Framingham State University	Sources of polychlorinated biphenyls: A comparison between Mount Hope Bay and Quonset Point	Rainer Lohmann
Heather Moe	Rochester Institute of Technology	Habitat mapping of Kempenfelt Bay	John King
Elizabeth Murphy	Vassar College	Mysterious moats surrounding seamounts in the Pacific	Rob Pockalny
Phoebe Robinson	Harvard University	South Atlantic circulation: Major advective pathways, topographic control, and hydrographic properties	Kathy Donohue & Randy Watts
Summer 2006	School	Project title	Advisor(s)
Katie Clegg	University of Maine	Coastal deglacial diatom-bound $\delta^{15}N$ record from Palmer Deep, Antarctica	Becky Robinson
Alicia Colabella	Hamilton College	Effects of slab composition and mantle processes in magma	Katie Kelley
Robert Dubuc III	University of Oregon	Coupling of tsunamis and seismic energy	Yang Shen
Xue Fan	McGill University	Effect of density stratification and a cape in a baroclinic western boundary current separation experiment	Peter Cornillon & Vitalii Sheremet
Amy Fearing	Rensselaer Polytechnic Institute	Sea surface height variability in the Kuroshio Extension	Kathy Donohue & Randy Watts
Graham Lau	York College of Pennsylvania	PCR optimization and comparative sequence analysis of metabolic genes between isolates of the diatom <i>Ditylum brightwellii</i>	Tatiana Rynearson
Stephanie Luberda	Minnesota State University	Behavior of ice formaldehyde mixtures under simulated polar conditions	Brian Heikes
Elizabeth Petrik	Amherst College	Characterizing flow processes in Narragansett Bay using reciprocal transmission sonar	Dave Ullman
Dana Reznik	Ohio Wesleyan University	Search for hydrogenase activity in <i>Psychromonas kaikoa</i> , a piezophilic, facultative anaerobic, marine bacterium	David Smith
Corin Schowalter	Louisiana State University	Analysis of the historical nutrient input to Greenwich Bay, RI: geochemical evidence for trends in eutrophication from sediment cores	John King
Joseph Swearman	Pennsylvania State University	Variability in coastal groundwater radium activity: implications for radium-derived residence time and groundwater flux	Brad Moran & Pat Kelly
Summer 2005	School	Project title	Advisor(s)
Rika Anderson	Carlton College	A test for phylotype bias in a cell separation protocol using 16S rRNA-based techniques	David Smith
Ilana Cohen	Brandeis College	The origin and distribution of organic pollutants in the surface water of Narragansett Bay	Rainer Lohmann
Ben Diehl	Carleton College	The effect of a cape on separation of a western boundary current	Vitalii Sheremet
Nicole Lasota	Rutgers University	Building a coupled biological-physical model of Narragansett Bay	Chris Kincaid
David Lishego	Pennsylvania State University	Deep eddy currents and pressure fields in the Kuroshio Extension	Kathy Donohue
Kevin Miklasz	University of Chicago	Pings and pongs: basics and applications of the BEAMER acoustic sensor system	Tetsu Hara
Melinda Montano	Eckerd College	Measuring enzymatic rates in subseafloor sediments	Steve D'Hondt
Argenta Price	Yale University	18S ribosomal RNA and cytochrome oxidase gene sequences of <i>Didemnum</i> sp., an invasive colonial tunicate	Jeremy Collie
Amanda Shields	Winona State University	Dipping magnetic reversal boundary on south wall of Endeavor Deep: Implications for ocean crust formation	Rob Pockalny
Betsy Zunk	Muskingum College	Grain size analysis of ACEX cores	Kate Moran
Summer 2004	School	Project title	Advisor(s)
Katie Banahan	Fairfield University	Resource partitioning between four species of flounder in Narragansett Bay	Jeremy Collie
Danny Dean	Gonzaga University	The first steps to acoustically tracking fish and floats in shallow water	Tom Rossby
Kelly Hanks	University of Rhode Island	Assessing the abundance of a potential energy source (Radiolytic H ₂) for subsurface life	Art Spivack

Kristofer Karlson	Worcester Polytechnic Institute	A new method for the extraction of microbes from sediments	David Smith
Sam Kelly	Carleton College	Effect of air-sea surface fluxes in the GFDL hurricane prediction system	Isaac Ginis
John Mischler	Augustana College	Earthquake location with combined P-wave and T-wave methods	Yang Shen
Sean Poche	University of New Orleans	Environmental variables and ADCP backscatter intensity	Rob Pockalny
Rachelle Richmond	University of California, Davis	Determining the distribution of magnetization within the oceanic crust at Endeavor Deep	Rob Pockalny
Lori Schultz	Austin Peay State University	Inside a submersible chemical analyzer: pressure vs. flow and signal spreading characteristics of the individual components	Al Hanson
Maya Stevens	California State Polytechnic, San Luis Obispo	A survey of ozone and balloon trajectories over Narragansett, RI	John Merrill
Aymara Serrano	University of Puerto Rico	Cortisol regulation in larval summer flounder (<i>Paralichthys dentatus</i>)	Jennifer Specker
Summer 2003	School	Project title	Advisor(s)
Melissa Barman	University of Wisconsin, LaCrosse	The effect of saxitoxin ingestion on the reproductive health of Calanus finmarchicus after exposure to Alexandrium spp.	Bob Campbell
Beverly Chen	Washington University	Estimation of biomass in deeply buried sediments using adenosine 5'-triphosphate (ATP) assay	David Smith
Stephanie Covert	Pennsylvania State University, Behrend	The effects of topography on the North Atlantic Current	Tom Rossby
Trevor Evans	Bard College	Measurements of vertical mixing in Narragansett Bay from a towed instrument	Dave Ullman
Misty Garcia	Carleton College	The Effect of Exogenous Cortisol and RU 486 on cortisol concentrations and the glucocorticoid receptor in summer flounder, <i>Paralichthys dentatus</i>	Jennifer Specker
Claire Henderson	Mount Holyoke College	226Ra distributions in the Chukchi-Beaufort Sea	Brad Moran
Lara Hinkle	Sienna College	Cortisol levels and glucocorticoid receptor expression in summer flounder (<i>Paralichthys dentatus</i>) subjected to an osmotic stress	Jennifer Specker
Nobu Koch	Pomona College	Mapping of the crater of the submarine arc volcano, Kick 'em Jenny, in the Lesser Antilles Volcanic Arc	Steve Carey
Joseph Kuehl	Michigan Technical University	Evolution of laboratory generated, velocity-shear fronts	Peter Cornillon
Uri Manor	St. Louis University	An improved numerical model for determining chemical reaction rates	Steve D'Hondt
Justin Minder	Vassar College	The dispersion of a mantle plume beneath a mid-ocean ridge-transform corner	Chris Kincaid
Julie Shapiro	Williams College	Sedimentary evidence of environmental change in Somes Sound, Mount Desert Island, Maine	John King
Danielle Stroup	Florida State University	Analyzing tsunamigenesis using relationships between seismic moment and spectral strength	Yang Shen
Summer 2002	School	Project title	Advisor(s)
Mark Barthelemy	University of New Orleans	A regional analysis of multibeam backscatter data from the Southwest Pacific	Rob Pockalny
John Blum	University of Michigan	Mantle seismic structure beneath southern Africa	Yang Shen
Jason Breves	Roger Williams University	Acute cortisol stress response of juvenile winter flounder to invertebrate and summer flounder predation	Jennifer Speckert
Jennifer Dionne	Washington University in St. Louis	Analysis and simulation of frontal dynamics as examined in the rotating table of the geophysical fluid dynamics laboratory	Peter Cornillon
Jeff Gall	Cornell University	Effects of moisture on numerical simulations of atmospheric boundary layer vortices in hurricane conditions	Isaac Ginis
Emily Grason	Bowdoin College	An exploration of mixotrophy in <i>Dinophysis acuminata</i>	Lucie Maranda & Jan Rines
Joe Malkovich	Gustavus Adolphus College	Using magnetic measurements to develop an age model for a Lake Tanganyika sediment core	John Kin
Bethany Marsh	Colorado College	Determining vertical mixing from microscale temperature fluctuations in Narragansett Bay	Mary-Lynn Dickson & Dave Ullman
Johanna Mathieu	Massachusetts Institute of Technology	A chemical sensor to aid in the search for underwater archaeological sites	Al Hanson
Andrea Mullen	University of Akron	Using magnetic grain size to locate magnetotactic bacteria in sediment cores	John King
Brian Sullivan	Westminster College	Investigating turbulence with DopBeam	Tetsu Hara
Summer 2001	School	Project title	Advisor(s)
Angela Adams	University of Western Kentucky	Evidence of diurnal fish migration in the Japan/East Sea	Randy Watts & Mark Wimmbush
Brent Buffington	University of Montana	Frontal dynamics and development characteristics in near shore seas	Peter Cornillon
Brenda Dolan	Colorado State University	Development and testing of new dissolved gas sensor technologies for monitoring air-sea gas exchange	Craig McNeil
Robin Glas	University of Maine, Orono	Teleseismic analysis of negative velocity gradient in the upper mantle transition zone	Yang Shen
Erin Hodel	University of Missouri	Tidal effects on phytoplankton in the Pettaquamscutt River Estuary	Paul Hargraves
Dave Katz	SUNY College of Environmental Science and Forestry	Adaption of a reduced gas analyzer for detection of molecular hydrogen and carbon monoxide in seawater	Brian Heikes
Marcie Kerneklian	State University of New York, Binghamton	Laboratory modeling of mantle plume dispersion at a segmented ridge	Roger Larson
Nicky Persky	Oberlin College	Analysis of curve-fitting techniques for methanotrophic rate calculations in ocean sediments	Art Spivack
Dan Shaevitz	Columbia University	Horrible, horrible things: Numerical modeling of oil spills in Narragansett Bay	Chris Kincaid
Rebecca Walker	Hamilton College	High-resolution paleomagnetic analysis of a sediment core from Lake Bosumtwi, Ghana	John King
Summer 2000	School	Project title	Advisor(s)
Scott Armstrong	Texas A&M University, College Station	Surface currents over the Southern New England Shelf east of Long Island Sound revealed by HF radar	Dave Ullman
Amanda Baldauf	University of Rochester	In search of the source of longshore inflow in Rhode Island Sound	Rob Pockalny
Leah Bandstra	Beloit College	Determination of Henry's Law constants for hydrogen peroxide in synthetic seawater and sodium chloride solutions of varying activities	Brian Heikes
Teresa Dennison	Maine Maritime Academy	Distribution of anthropogenic contaminants in sediments and suspended particles in Narragansett Bay, Rhode Island	Elizabeth Lacy-Laliberte & John King
Jason Jarrell	Marshall University	Current switching within a rotating framework: A Gulf Stream simulation	Tom Rossby & Peter Cornillon
Jennifer Szlosek	Massachusetts Institute of Technology	234Th-Derived particle organic carbon flux in the Labrador Sea: Significance of carbon-thorium relationship with size	Brad Moran
Casey Twanow	Illinois Wesleyan University	A season invasion: Changing population dynamics of the ctenophore	Barbara Sullivan-Watts
Hillary Welch	University of Rhode Island	The effect of barium sulfate, iron oxide and lead on acoustic reflectivity	Jim Miller
Lauren Wilkerson	Brown University	Temporal occurrence of think phytoplankton layers in relation to physical processes	Margaret Deksheniaks & Percy Donaghay
Summer 1999	School	Project title	Advisor(s)
Colleen Beckman	Western Michigan University	Measured and predicted bio-optical properties as temporal and spatial patterns of reflectance in Narragansett Bay, RI	Jim Yoder
Michael Cardiff	Oberlin College	Tomographic mapping of the 220 km seismic discontinuity	Yang Shen
Becky Eggiman	Wheaton College	High resolution time series measurements of temperature, salinity, oxygen saturation, pH and pressure in Narragansett Bay	Dana Kester
Alicia Franke	Mount Holyoke College	Courtship? Aggression? or Stress?: A study of the behavioral endocrinology of the black-chinned tilapia (<i>Sarotherodon melanocheilus</i>)	Jennifer Specker
Ryan Hickox	Yale University	Climatology and seasonal variability of ocean fronts in the East China, Yellow and Bohai Seas from satellite SST data	Peter Cornillon
LaQuieta Huey	Grambling State University	Measurement of heat budget on Georges Bank	Dave Herbert and Dave Ullman
Jeremy Krezan	University of New Mexico	Motionally induced voltages in the West Passage of Narragansett Bay	Tom Rossby
Theodore Martin	State University of New York, Geneseo	Temporal variation of meandering intensity in the Gulf Stream - Verification	Peter Cornillon
Sarah McDonald	University of Waikato	A new method for measuring the onset of T-phase waveforms	Yang Shen
Laura Rear	Richard Stockton State University	Laboratory study on the dispersal of on-axis mantle plumes at transform faults	Chris Kincaid
Summer 1998	School	Project title	Advisor(s)
Patricia Alexander	Eckerd College	Application of the GEM technique to interpret acoustic travel time data off the Western Coast of Brazil	Randy Watts
Allyson Carroll	Duke University	Analysis of bacterial carbon partitioning and the Implications of the oceanic carbon cycle	David Smith
James Felix	Bethany College	Target strength calculation of humpback whales at Stellwagen Bank	Jim Miller
Lauren Fry	Gustavus Adolphus College	Mantle discontinuity structure beneath the Azores Islands	Yang Shen
Clifford Heil	Maine Maritime Academy	Chemical and physical description of a Chesapeake Bay core	John King
Caroline Jenkins	University of Missouri, Kansas City	Eulerian and Lagrangian analyses of vertical winds	John Merrill
Kanani Lee	University of San Francisco	A comparison of circulation patterns at the mouth and head of Narragansett Bay	Rob Pockalny
Andrea Rocha	Texas A&M University, Corpus Christi	Abundance and distribution of ichthyoplankton at the entrance to Narragansett Bay	Jeremy Collie
Bridget Sullivan	Drew University	The effect of subsurface ocean stratification on hurricane intensity	Isaac Ginnis
Sumer 1997	School	Project title	Advisor(s)
Allison Beauregard	University of Maine, Orono	The effects of nitrogen and chlorophyll a content on coastal herbivory	Scott Nixon
Amy Benoit	University of Maine, Orono	Paleomagnetic and paleoclimatic studies of sediment cores from the Bermuda Rise and Lake Tulane: Preliminary report	John King
Jamie Brown	Hobart and William Smith Colleges	SST fronts in the Great Lakes	Peter Cornillon and Dave Ullman
Kathleen Carrigan	Northwestern University	Changes in spreading direction along the Pacific-Antarctic Ridge ~0.4 Ma: Implications for plate boundary reorganization	Rob Pockalny
Emily Chen	Massachusetts Institute of Technology	Relationship between soot carbon and polycyclic aromatic hydrocarbons in Narragansett Bay Sediments	Jim Quinn
Stacy Kish	Indiana University of Pennsylvania	Mineralogical analysis of Late Pleistocene sediments along the California Margin: A record from ODP Leg 167 Site 1020	Eve Arnold
Douglas Mitchell	Boise State University	On tidal dynamics near the northern point of Conanicut Island: Narragansett Bay	Chris Kincaid
Kate Visser	Boston University	Jokulhlaup dispersal and deposition off the southeast coast of Iceland	Steve Carey and Halrdur Sigurdsson

Summer 1996	School	Project title	Advisor(s)
Rebecca Anderson	University of Wisconsin	The oxygen and carbon dioxide system of the Upper Pond of Pettaquamscutt Estuary	Dana Kester
Daniel Dau	Vassar College	Sediment surface roughness variation on fine temporal scales	Donald Webb
Damian Herrick	Hobart and William Smith Colleges	Small-scale convection in the upper mantle: The effects of a temperature-dependent viscosity	Chris Kincaid
Sante Jonker Peterson	Reed College	Vanes on an isopycnal float	Dave Herbert
Jenna Minicucci	Wesleyan University	Climate and thermohaline circulation in the North Atlantic during the Pleistocene: A Record from the ODP Leg 162 Bjorn Drift Site	Eve Arnold
Qamar Schuyler	St. Mary's College of Maryland	Light response of <i>Chrysaora quinquecirrha</i> in the MERL mesocosms	Barbara Sullivan
Nicholas Scott	New York Institute of Technology	Current measurements in the Narragansett Bay and MERL tanks	Tetsu Hara
Carrie Wicklund	Harvey Mudd College	Are POC concentrations reliable determined in seawater?	Brad Moran
Sarah Wilkison	University of Rochester	Spreading direction change along transform plate boundaries: Implications for oceanic transfers ridge formation	Rob Pockalny
Summer 1995	School	Project title	Advisor(s)
Kendra Arbesman	Tulsa University	The use of fractal analysis on volcanoclastic particles: Developments and application	Steve Carey
Jennifer DeAscentis	Smith College	Solvent efficiency, time, and temperature properties of a new method for extracting polycyclic aromatic hydrocarbons	Jim Quinn
Jefferson Hill	Northeastern State University	Isopycnal layer thickness and vorticity considerations	Tom Rossby
Jennifer Houghton	College of Wooster	Eolian sedimentation in the Eastern Equatorial Pacific: magnetic susceptibility as a proxy	Terri King
Linda Hunke	Carleton College	The effect of dredging and trawling on the benthic fauna and sediment of Georges Bank	Jeremy Collie
Kenneth Kaufmann II	Greenville College	Velocity measurements in a thin oscillating layer of soft mud	Tetsu Hara
Kara Nakata	University of Washington	Production of formaldehyde, hydrogen peroxide, and some organic peroxides from biomass burning	Brian Heikes
Bojana Popić	Southwestern Oklahoma State University	Trace metal accumulation of the sediments in Allen Harbor, RI	John King
Michael Whitney	Yale University	Volume balances in the slope water	Peter Cornillon
Benjamin Wild	University of New Hampshire	Designing a user friendly wave tank laboratory facility for creating and collecting wave profile data	Stephan Grilli
Summer 1994	School	Project title	Advisor(s)
Shannon Donovan	University of Rhode Island	Investigations of biochemical mechanisms leading to photoinhibition of marine dinoflagellate bioluminescence	Elijah Swift
Paul Hall	The College of Wooster	An experimental investigation of the importance of active flow vs. passive upwelling at mid-ocean ridges	Chris Kincaid
Kurt Maekawa	University of Washington	The effect of dredging on megafauna on the northern edge of Georges Bank	Jeremy Collie
Corrie Modell	University of Puget Sound	Studying the North Atlantic Current using RAFOS floats and TOPEX Poseidon data	Lew Rothstein
Daniel Reilly	Willkes University	An introduction to Geographical Information Systems and Grass	Bob Tyce
Darren Wah	University of Rhode Island	Improvement of numerical calculations of ocean surface roughness	Tetsu Hara
Michael Whitney	Yale University	A study of the short-term variability of the Slope Water currents using ADCP and satellite images	Peter Cornillon
Karen Worminghaus	DePauw University	Changes in carbonate flux along the Ceara Rise during the last Miocene and Pliocene: Implications for deepwater chemistry	Terri Hagelberg
Summer 1993	School	Project Title	Advisor(s)
Jackson Chong	Yale University		Lew Rothstein & Mark Prater
Carolyn Kincaid	Skidmore College	The trouble with smectite: A grain analysis of the KT Boundary at Below, Haiti	Steve Carey, Haraldur Sigurdsson, & Steve D'H
Ed Langendorfer	Western Kentucky University	Internal waves: Analyzing methods of obtaining accurate models	Dave Hebert
Todd Pellman		The effect of typhoons observed in sea surface altimetry data	Mark Wimbush & Isaac Ginis
Anna Smith	University of West Virginia	Getting more from magnetics	Rob Pockalny
Frank Sprtel	Lawrence University	Sediment distribution and crustal magnetization	Roger Larson
Summer 1992	School	Project title	Advisor(s)
Stephen Dzurenko Jr.	Virginia Polytechnic Institute and State University	Post-processing geometric rectification of side scan sonar images using gridded bathymetry	Bob Tyce
Jason Goray	University of Wisconsin, River Falls	Computer modeling and the Equatorial Pacific Ocean	Lew Rothstein
Erika Lawson	Columbia University	Numerical model of the Housatonic River Estuary	Chris Kincaid
Jaxon X. Prochaska	Princeton University	Image processing and double vortices: a report on URI's image processing systems in analyzing double vortices	George Milkowski
Arthur E. Reyes II	University of California, Santa Cruz	Using RNA concentration in scales from scup (<i>Stenotomus chrysops</i>) as an indicator of treatment effects	Ted Durbin
Gretchen A. Schultz	Hobart and William Smith Colleges	Examination of photo symbiotic activity of Cretaceous and Paleocene foraminifera	Steve D'Hondt
Todd Swift	University of Northern Iowa	The predictability and chaotic behavior of El Niño	Mark Wimbush
Julie L. Weber	University of Washington	Atmospheric inputs of organic chemicals to the coastal marine environment of Narragansett Bay, Rhode Island	Jim Quinn
Cherie M. Wieber	St. Olaf College	Dynamic meteorology and forecast modeling	John Merrill
Summer 1991	School	Project title	Advisor(s)
Keith Cherkauer	Augustana College	High resolution side scan data processing	Bob Tyce
Stephen Cormier	University of Colorado, Boulder	Petroleum hydrocarbons in four rivers discharging into Narragansett Bay	Jim Quinn
Gregory Fall	University of Wisconsin, River Falls	Determination of the probability of warm core ring formation from meander crests in the Gulf Stream System	Peter Cornillon
Patrick Forster	University of Oregon	Diel periodicity in the bioluminescence of the marine dinoflagellate, <i>Ceratim fusus</i>	Elijah Swift
Varavut Limpasuvan	Occidental College	Changes in APE during a warm surge event in the Gulf Stream	Lew Rothstein
Christopher Meinen	Luther College	Looking at the effects of curvature on the Gulf Stream thermocline slope	Randy Watts
Amy Schubert	Denison University	A comparison of the location of the Gulf Stream's north wall as seen by RAFOS floats and satellite imagery	Tom Rossby
John Weber	Long Island University	An attempt to reconstruct the paleoclimatic history of Lake LaYeguada, Panama using magnetic measurements	John King
Summer 1990	School	Project title	Advisor(s)
Lori Adams	Carleton College	A study of the isopycnal RAFOS float: Does it behave as we assume it does?	Tom Rossby
Craig Agnor	Denison University	Acoustic attenuation and impedance as marine sediment indentifiers	Lester LeBlanc
Roseann Crawford	Villanova University	Estimating the curvature in the Gulf Stream	Randy Watts
Mark Dinsmore	Montana State University	The development and implementation of a screen print utility program	Bob Tyce
Michael Goodwill	Mesa State University	Satellite observations of Gulf Stream cold core rings	Peter Cornillon
Lisa Licata	Trinity College	Experimental determination of the influence of phytoplankton growth rate on the relationship between pCO2 and carbon isotopic fractionation	Michael Pilson
Roberto Mansfield	Rutgers University	Errors due to finite differences on the equatorial equations of motion	Lester LeBlanc
John Prineas	Carleton College	The relationship of acoustic travel time to geopotential in the East China Sea	Mark Wimbush
Summer 1989	School	Project title	Advisor(s)
Deirdre Byrne	Yale University	Causes of large-scale SST anomalies in the North Atlantic Subtropical Convergence Zone	George Halliwell
Dorien Doedyns	Cameron University	Dynamic height and transport variations in the Gulf Stream	Tom Rossby
Andrea Du Vall	University of Wisconsin	The accumulation of biogenic silica in Narragansett Bay sediments	Michael Pilson
Rick Mahon	East Oregon State College	Making a computer animated movies of deep ocean bathymetry	Bob Tyce
Mary Anne McLeod	Carleton College	Tidal mixing fronts off the Harbor of Refuge, RI	Mark Wimbush
Ellen Macray	Colgate University	The Pettaquamscutt River: A heavy metal pollution history	John King
Hannah Webber	Mount Holyoke College	The relative roles of benthic and pelagic biochemical processes in the cycling of oxygen and carbon in an experimental estuarine system	Candace Oviatt
Dania Whitaker	University of Rhode Island	Growth of <i>Skeletonema costatum</i> under conditions of elevated total carbon dioxide: Preliminary experiments	Mike Arthur
Summer 1988	School	Project title	Advisor(s)
Cari Carothers	North Carolina State University	Applications of satellite altimetry data to the tides in the Gulf of Maine	Peter Cornillon
Todd Hurt	Duke University	A GEOSAT analysis of the Kuroshio	Mark Wimbush
Christopher Keeley	Bowdoin College	Computer animated bathymetric movies	Bob Tyce
Robert Prescott	Rensselaer Polytechnic Institute	An analysis of the position of the Gulf Stream's edge	Peter Cornillon
Caroline Reilly	Chestnut Hill College	Geochemistry of polycyclic aromatic hydrocarbons in Narragansett Bay sediment cores	Jim Quinn
Katrina Simpson	University of South Florida	Analysis of the thermal structure in the western North Atlantic Subtropical Convergence Zone, 1984-86	
Summer 1987	School	Project title	Advisor(s)

Lynne Canne	Fedora State University	Geochemical distribution of organic contaminants in the Providence River	
Karen Cianciulli	Massachusetts Institute of Technology	Mapping discontinuities of the Mid-Atlantic Ridge in the South Atlantic	
Elizabeth Ho	Brown University	The fractal dimension in satellite images	
Donna Luketic	University of Rhode Island	Preliminary study of the Tauton River	
Michael Magargee	West Chester University	Calculating the advective velocity of surface currents in the Sargasso Sea	
Elena Martin	Amherst College	What whales eat & wet they eat it: Pollution in the upper Narragansett River	
Shaibal Mitra	Cornell University	Ceriantheopoda americana: A potential predator of larval fish	
Daniel O'Sullivan	Millersville University	Distribution of trace metals in surface sediments of the Narragansett Estuary	
Robert Petrocelli	University of Rhode Island	Geostrophy with curvature in the Gulf Stream	
Michael Robotham	Northwestern University	Marina Mounds hydrothermal areas: Initial survey report	
Elizabeth Wood	Stanford University	Nutrient dynamics in coastal lagoon ecosystems	
Summer 1986	School	Project title	Advisor(s)
Todd Ballantyne	Juniata College	Tes contouring of oceanographic data & User's guide for the contouring package	
Annette Bowman	Gustavus Adolphus College	A summer study of the Gulf Stream: Relationships & characteristics of meanders	
Lucy Fitzgerald	Loyola University	The function of the inverted echo sounder in oceanographic research	
Dushan Monchilovich	Gustavus Adolphus College	Looking back on going forth: Developing FORTH on the 6805 microprocessor	
William Nelson	University of Rhode Island	The sedimentary structure in Narragansett Bay	
Elizabeth Olsen	Bowdoin College	Using mesocosms to test toxicity of complex waste mixtures	
Alan Spies	Rhodes College	Magnetic studies of marine sediment core 7P	
John Wallinga	Augsburg College	Comparing Gulf Stream positions determined by satellite imagery and an inverted echo sounder	