

Hollings Scholars - Class of 2005

Scholar		Academic Institution	Major	Mentor	Placement Site	Project Title
Mustafa	Abdullah	Montgomery College	Engineering	Hernan Garcia	NESDIS, NODC, Silver Spring, MD	Chemical Analyses of Oceanic Waters
Freshteh	Ahmadian-tehrani	University of Nevada - Reno	Engineering	Peter Auster/Ivar Babb	OAR, NURP, Groton, CT	Remotely Operated and Towed Vehicle Engineering and Operations
Douglas	Antibus	Kent State University	Agricultural Sciences	Frank Lopez	NOS, Old Woman Creek NERR, Huron, OH	Bacterial transformations of dissolved organic carbon
Jarrett	Bachman	University of Georgia	Social Sciences	Gregg Rishel	NWS, WFO Taunton, MA	Using Flood Peak Analysis to Improve Forecasting
Adam	Baker	North Carolina State University	Atmospheric Science	Dr. Pablo Santos	NWS, WFO Miami, FL	Identifying synoptic and thermodynamic features associated with critical fireweather thresholds in south Florida
Robert	Baker	Brigham Young University	Atmospheric Science	Dr. John Bullister	OAR, PMEL, Seattle, WA	Developing Techniques for Using Sulfur Hexafluoride as a Tracer of Ocean Circulation
Michael	Barkman	Univeristy of North Carolina - Charlotte	Engineering	Karen Kohanowich/Tom Potts	OAR, NURP, Wilmington, NC	ROV/AUV performance analyses for extended endurance

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Jacob	Batson	University of Alabama	Biology	Jia-Zhong Zhang	OAR, AOML, Miami, FL	Carbon dioxide flux assessment in Atlantic marine waters
Micah	Bennett	University of Alabama	Biology	Phil Roni	NMFS, NWFSC, Seattle, WA	Monitoring ecosystem processes and watershed restoration in the Pacific Northwest
Amber	Beutler	University of Florida	Agricultural Sciences	Ola Persson	OAR, ESRL/PSD, Boulder, CO	Sonic Anemometer Data - Arctic
Barbara	Blaylock	University of Alabama	Social Sciences	Rodney Weiher	PPI, Silver Spring, MD	Policy Internship for NOAA Matrix Management Implementation
Tess	Brandon	Cornell University	Geology	Dr. Chris Wilson	NMFS, AKFSC, Seattle, WA	Investigating the physical oceanography of the Eastern Bering Sea habitats
Jacob	Brock	Eckerd College	Mathematics	Ola Persson	OAR, ESRL/PSD, Boulder, CO	Engineering Assistant
David	Buckey	Florida State University	Meteorology	Bart Hagemeyer	NWS, WFO Melbourne, FL	Research and Forecasting of the Florida Seabreeze and Lightning
Anna	Cajiga	Michigan State University	Teacher Education	Claire Johnson/Laura Francis	NOS, NMS, Santa Barbara, CA	Education Material and Program development

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Shannon	Capps	Vanderbilt University	Engineering	Greg Frost	OAR, ESRL/CSD, Boulder, CO	Air Pollutant Emissions Study
AJ	Carver	University of Wisconsin - Madison	Physical Sciences	Tom Delworth	OAR, GFDL/LEDO, Palisades, NY	Climate Variability Studies Over the Millennium
Christopher	Cater	University of Alabama	Biology	Brad Hall	OAR, ESRL/GMD, Boulder, CO	Analysis of Air Samples
Allison	Chandler	College of Charleston	Biology	Peter Key	NOS, NCCOS, Charleston, SC	Toxicity tests of chemical contaminants (pesticides, metals, pharmaceuticals) using grass shrimp, clams, several estuarine fish species and phytoplankton
Susan	Cheng	Columbia University	Environmental Science	Cecile Penland	OAR, ESRL/PSD, Boulder, CO	The Distribution of Atmospheric Thicknesses: Is it Stationary?
JP	Cipriani	Millersville University	Meteorology	Alfred Bedard	OAR, ESRL/PSD, Boulder, CO	Tornado Infrasonic/Monitoring and analyzing geophysical and atmospheric processes
Darren	Clabo	University of Oklahoma	Meteorology	Dusan Zrnic	OAR, NSSL, Norman, OK	Analysis of Polarimetric radar data from storms
Elise	Coffey	Eckerd College	Marine and Aquatic Sciences	Joan Browder	NMFS, SEFSC, Miami, FL	Ecological Studies in Support of the South Florida Ecosystem Restoration Prog.

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Andrew	Collier	Cornell University	Oceanography	Rusty Brainard	NMFS, PISC, Honolulu, HI	Oceanographic and env. data to support mgmt of coral reef ecosystems in the Pacific
Chanda	Cooper	University of South Carolina	Biology	Michael Cammarata	NWS, WFO Columbia, West Columbia, SC	Climate Research: an Interactive Approach
Samuel	Crickenberger	College of Charleston	Marine Biology	Boze Hancock	NMFS Coastal Fisheries Lab, Narragansett, RI	Shellfish Restoration at North Cape
Christina	Crowe	University of Missouri - Columbia	Atmospheric Science	Steven Thomas	NWS, WFO Saint Louis, MO	A Study of Tornado Warning False Alarm Rates
Rachael	Dickey	McDaniel College	Biology	Dr. Sofie Van Parijs	NMFS, NEFSC Woods Hole, MA	Acoustic signatures of marine mammals within the boundaries of the sanctuary
Taylor	Dixon	Boise State University	Chemistry	David Butterfiled	PMEL, Seattle, WA	VENTS chemical constituent validation from direct samples
Susanna	Ehlers	University of Wisconsin - Madison	Geography	Arlene Force	GFDL, Princeton, NJ	Export Pathways of North American CO Emissions
Anna	Fabiszewski	University of North Carolina - Chapel Hill	Biology	James Churnside	ESRL/CSD, Boulder, CO	Fish LIDAR data analysis

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Laura	Fagen	Mass. Maritime Academy	Engineering	George Liles	NMFS, Aquarium, Woods Hole, MA	Aquarium Restoration
Claire	Fellman	Mississippi State University	Engineering	Karen Grimmer	NOS, Monterey Bay NMS, Monterey, CA	Water Quality Monitoring and Team OCEAN Kayaker Naturalist Program Study
Jessica	Fitzsimmons	Boston University	Biology	Chris Kelbe	AOML, Miami, FL	Water quality in South Florida coastal waters
Steven	Gaik	Penn State University	Engineering	James McCleave	Sea Grant, Orono, ME	Assessment of Microbial Fuel Cells for the Treatment of Aquaculture Wastewater
Erin	Gaines	Stanford University	Physical and Social Sciences	Bob Leeworthy	NOS, Channel Islands NMS, Santa Barbara, CA	Study of nonconsumptive recreation in the Channel Islands National Marine Sanctuary
Samuel	Galle	University of California, Berkeley	Biology	Lyle Britt	NMFS, AK Fisheries Science Center, Seattle, WA	Fishery Stock Assessment
Nicholas	Gebauer	Michigan State University	Atmospheric Science	Woody Roberts	ESRL/GSD, Boulder, CO	One NOAA Development
Katelyn	Grayshan	University of Central Florida	Mathematics	Alexander Pletzer	OAR, GFDL, Princeton, NJ	Development of an adaptive mesh refinement visualization capability for planetary science

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Holland	Hager	Salisbury University	Biology	Karen Kohanowich/Tom Potts	OAR, NURP, Key Largo, FL	Marine Science Reseach Technician in support of the Atlantis Reef Habitat
Christopher	Haggerty	Penn State University	Engineering	Shiela Stiles	NMFS, NEFSC, Milford, CT	Shellfish genetics and breeding for the bay scallop <i>Argopecten irradians</i>
Christina	Haig	Arizona State University	Physics	Janet Green	NWS, NCEP, SEC, Boulder, CO	Research Internship
Emily	Hamblen	Oregon State University	Biology	Robert DeLong	NMFS, AFSC, Seattle, WA	Marine Mammal Research in The California Current Ecosystem
Tiffany	Hamilton	University of Missouri - Columbia	Biology	Jay Barlow	NMFS, SWFSC, La Jolla, CA	Photo-Identification of Pilot Whales and Sperm Whales
Jon	Harvey	Ohio University	Meteorology	Doug vandeCamp	ESRL/GSD, Boulder, CO	NOAA Profiler Network data and distribution of its use by NWS forecasters
Heather	Hunsperger	Eckerd College	Marine and Aquatic Sciences	Ronald Goldberg	NMFS, NEFSC, Milford, CT	Habitat evaluation and enhancement for Black Sea Bass and Tautog
Miles	Johnson	Whitman College	Biology	John Joyce	NMFS, AK Fisheries Science Center, Auke Bay,	Mid Season Salmonid assessment at Little Port Walter Field Station

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Nikhil	Joshi	University of Maryland	Biology	Michael J. Cooney	Hawaii Sea Grant Program, Honolulu, HI	Isolation and identification of biofilm-controlling compounds from marine plants
Alyse	Katz	Emory University	Environmental Science	Thomas Bigford	NMFS, Coastal Habitat Division, Silver Spring, MD	Coastal Habitat Policy Development
Jacob	Katz	Sonoma State University	Biology	David Hines	NMFS, NWFS, Santa Rosa, CA	Salmonid Assessment and Restoration in Central CA Coast
Christina	Kimball	University of Central Florida	Teacher Education	Kathryn Ries	NOS, Office Of Coast Survey, Silver Spring, MD	Communications/Outreach Project
Amanda	Kis	University of Wisconsin - Madison	Atmospheric Science	David Imy	NWS, NCEP, SPC, Norman, OK	Investigating environmental parameters most commonly observed with tornadic events in the gulf coastal region during the cold season
Beth	Kochin	Yale University	Biology	Susan Sogard	NMFS, SWFSC, Santa Cruz, CA	Early Life History of Rockfish and Steelhead
Marina	Kosenko	University of Washington	Astronomy	Joe Bishop	AOML, Miami, FL	Ocean Acoustics and Physical Oceanography for sub-Tropical marine environments
Caitlin	Kryss	University of Hawaii - Hilo	Biology	Darryl Tagami	NMFS, Pacific Science Center, Honolulu, HI	Coral habitat research

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Lauren	Kuehne	Seattle Central Community College	Teacher Education	Vera Trainer	NMFS, NWFSC, Montlake Lab, Seattle, WA	Harmful Algal Blooms - Domoic Acid in San Juan Eddy
Madeline	Kunsberg	John Hopkins University	Chemistry	Christine Brammer	NOS, Hawaiian Islands Humpback Whale NMS	Resource Protection Issues in the Hawaiian Island Humpback Whale NMS
Alison	LaFerriere	University of Rhode Island	Engineering	Karen Kohanowich/Tom Potts	NURP, Wilmington, NC	ROV/AUV testing for new instrumentation
Caroline	Larsen	North Carolina State University	Meteorology	Dragomir, John	CIFAR and WFO Fairbanks, AK	Investigation into the Formation and Impact Areas of Severe Coastal Storms in Alaska
Michelle	Leibrand	University of San Diego	Biology	Helen Hillman	NOS, ORR, Seattle, WA	Improving coastal communities by integrating clean-up and restoration of habitats contaminated with hazardous waste
Mei	Liu	University of Washington	Electrical Engineering	Carrie Culver	Sea Grant Marine Advisory Santa Barbara, CA	Marine Bio-Nanotechnology: High-Performance Materials from Sponge Silicatein
Alexandra	Lockwood	University of MD - College Park	Astronomy	Gil Compo	ESRL/PSD, Boulder, CO	Byrd Antarctica Climate Study
Erica	Maltz	College of the Atlantic	Human Ecology	John Kocik	NMFS, NEFSC, Orono, ME	Atlantic Salmon Interactions with Oceanographic Features & Diadromous & Pelagic Fauna of the Gulf of Maine

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Catherine	Masek	Smith College	Biology	Karin Forney	NMFS, SWFSC, Santa Cruz, CA	Porpoise Research in Monterey Bay CA
Katie	McCluskey	Manhattan College	Teacher Education	Shelley Dupuy	NOS, Flower Garden Banks NMS, Galveston, TX	Down Under, Out Yonder Teacher Workshop
Janie	McGregor	University of NC - Wilmington	Marine Biology	Stuart Arceneaux	NMFS, PIRO, Honolulu, HI	PIRO Observer Programs Photodatabase and Interactive Distribution Maps
Eric	Meyers	Millersville University	Atmospheric Science	Robert Rogers	OAR, AOML, Miami, FL	An evaluation of microphysics fields in tropical cyclones at various lifecycle stages
Kristen	Mihalka	University of Missouri - Columbia	Atmospheric Science	William Denig	NESDIS, NGDC, Boulder, CO	Historical Trends in Auroral Precipitation
Brandon	Miller	Georgia Institute of Technology	Atmospheric Science	Lans Rothfusz	NWS, WFO Peachtree, Atlanta, GA	Multiscale Overview and Doppler Radar Analysis of the 2 January 2006 Tornadoes in North Central Georgia
Philip	Mooney	DePauw University	Environmental Studies	Gil Compo	OAR, ESRL/PSD, Boulder, CO	Byrd Antarctica Climate Study
Christina	Murphy	Oregon State University	Biology	Dr. Mark Scheuerell Dr. Beth Sanderson	NMFS, NWFSC, Montlake Lab, Seattle, WA	Fishery Assessment

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David	Nagle	Eckerd College	Computer Science	Dr. Brian D. Keller	NOS, FKNMS, Marathon, FL	Along-Track Reef Imaging System (ATRIS)
Robyn	Oakes	Salem College	Chemistry	Brad Hall	OAR, ESRL/GMD, Boulder, CO	Analysis of Air Samples
Marianyoly	Ortiz	University of Puerto Rico - Mayaguez	Industrial Microbiology	Kelly Goodwin	OAR, AOML, Miami, FL	Development of Pathogen and Source Tracking Detection to Improve Coastal Water
Deborah	Osborn	Bucknell University	Engineering	Patricia White	OAR, CICOR, Woods Hole, MA	Quality Monitoring
Sara	Paddock	Cornell University	Biology	Jeffrey Seminoff	NMFS, SWFSC, La Jolla, CA	Marine Turtle Research
Alyssa	Pampell	Southwestern University	Mathematics	Alfred Bedard	OAR, ESRL/PSD, Boulder, CO	Monitoring and analyzing geophysical and atmospheric processes
Brenton	Parker	Texas A&M	Engineering	Kwok Fai Cheung	OAR, Sea Grant, Honolulu, HI	Inverse Algorithm for Tsunami Forecast
Leigh	Patterson	Penn State University	Meteorology	James Elkins	OAR, ESRL/GMD, Boulder, CO	Trends in Climate Forcing Gases in the Troposphere and Stratosphere

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Heather	Perry	Humboldt State University	Ecology	Bruce MacFarlane	NMFS, SWFSC Santa Cruz, CA	Rockfish surveys in central California streams entering Pacific Ocean
Anja	Pfingsten	Texas A&M	Social Sciences	Sarah MacWilliams	NOS, Channel Islands NMS, Santa Barbara, CA	Policy, Planning and Resource Protection, Channel Islands National Marine Sanctuary
Lara	Polansky	University of Miami	Ecosystem Sci. and Policy	Elizabeth Hinchey Malloy	Illinois Indiana Sea Grant, Chicago, IL	Outreach Team building
Lora	Reeve	University of Hawaii - Hilo	Biology	David Mattila	NOS, PIFSC, Honolulu, HI	Study and Monitoring of Humpback Whales in the Gulf of Maine
Dara	Rehder	University of Alaska - Fairbanks	Biology	Dawn Noren	NMFS, AK Fisheries Science Center, Seattle, WA	Cetacean Research in the Straits of Juan de Fuca
Caitlin	Rochford	St. Louis University	Physics	Jessica Lundquist	OAR, ESRL/PSD, Boulder, CO	Temperature Patterns in Complex Terrain: Case Study of the
Elizabeth	Russell	Penn State University	Meteorology	David Himes	ESRL/GSD, Boulder, CO	Science on a Sphere video and web project
Jed	Sana	Hawaii Pacific University	Biology	Nancy Daschbach	NOS, Fagatele Bay NMS, Pago Pago, AS	Coral habitat assessment in Sanctuary protected areas

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Hannah	Scarborough	Agnes Scott College	Physics	Pat Fair	NOS, NCCOS, Charleston, SC	Coastal Research
Stephanie	Schenck	University of Minnesota - Duluth	Mathematics	Dan Miller	NWS, WFO Duluth, MN	Examining the Distribution of Annual Snowfall in Northeast Minnesota
Kaitlin	Schott	University of Wisconsin - Madison	Forest Ecology and Management	Kris Holderied	NURP Homer, AK	Developing a plankton monitoring program for Kachemak Bay
Craig	Schwartz	Penn State University	Meteorology	David Imy	NWS, NCEP, SPC, Norman, OK	Organize severe weather historic data
Erin	Segdman	Western Michigan University	Engineering	Peter Landrum	GLERL, Ann Arbor, MI	Evaluation of the Hazard of Microcystis Blooms for Human Health through Fish Consumption
Owen	Shieh	Cornell University	Atmospheric Science	Suzanne van Cooten	NSSL, Norman, OK	Examination and Assessment of NSSL High-Resolution Multi-Sensor Quantitative Precipitation Estimates
Elizabeth	Sihvonen	Texas A&M	Atmospheric Science	Alfred Bedard	ESRL/PSD, Boulder, CO	Monitoring and analyzing geophysical and atmospheric processes
Paul	Simonin	State University of New York	Aquatics and Fisheries Science	Jurig Homziak	Vermont Sea Grant, Lake Champlain, VT	Aquatic Biology

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Theresa	Smith	University of Rhode Island	Marine and Coast Policy and Management	Patricia White	CICOR, Woods Hole, MA	Biotoxins and Harmful Algal Blooms technical documentation assessment
Karyn	Snider	North Carolina State University	Meteorology	Keli Tarp	NSSL, Norman, OK	Address a current problem or issued in several weather forecasting
Stephanie	Snyder	Coastal Carolina University	Marine and Aquatic Sciences	Suzanne Kohin	NMFS, SWFSC, PFEL, TOPP Program, La Jolla,	Shark tagging and Behavior
Rachel	Struch	Coastal Carolina University	Marine and Aquatic Sciences	Tim Gerrodette	NMFS, SWFSC, Long Beach, CA	Killer Whale research using photo identification strategies
Lindsay	Tardif	Plymouth State University	Meteorology	Keli Tarp	NSSL, Norman, OK	Trends in the distribution of environments favorable for significant severe thunderstorms
Michael	Taylor	Bowdoin College	Biology	Frank Thrower	NMFS, AK Fisheries Science Center, Auke Bay,	Salmonid Recruitment at Little Port Walter
Joshua	Thomas	Salisbury University	Geography	Jeremy Firestone/Greg Silber	Delaware Sea Grant, Newark, DE	Bringing NOAA Research to Wider Audiences Through Visual Techniques
Lindsey	Thomas	University of Georgia	Social Sciences	Hans Van Tilburg	NOS, NMSP Pacific Islands Regional Office	Cultural Assessment

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Jennifer	Thompson	University of Maryland	Engineering	Joseph Hubbard	NMAO, Silver Spring, MD	Engineering Changes Associated with New Construction & Conversion Platforms
Mark	Tibbitt	North Western University	Integrated Science Prog.	Susan Lovelace	NOS, Hollings Laboratory, Charleston, SC	Pathogen Source tracking in Coastal Carolina Tidal Creeks
Robert	Tracey, Jr.	SUNY, Albany	Atmospheric Science	Gene Auciello	NWS, WFO Albany, NY	A Multiscale Analysis of Lake and/or Sea Breeze Convective Cases in the Northeast
Charles	White, II	University of North Carolina - Wilmington	Computer Science	Patricia White	OAR, CICOR, Woods Hole, MA	Analyzing Diving and Coordination Behaviors of Cetaceans Using Digital Acoustic Recording Tags
Desaree	Williams	Dominican University of California	Environmental Studies	Sarah MacWilliams	NOS, Channel Islands NMS, Santa Barbara, CA	Channel Islands National Marine Sanctuary: Facilitating Community Involvement in Sanctuary Management and Environmental Review Processes
Melissa	Williams	University of South Florida	Teacher Education	Rick Gleeson	NOS, GMT NERR, St Augustine, FL	Assessment of a nekton monitoring technique for evaluating habitat condition in the Guana Tolomato Matanzas NERR