

2004 Summer Student & Minority Fellow Information Table

| First | Last | Undergraduate School | WHOI Dept. | Sponsor (s) | Project Title | NSF (*) |
|-----------|-----------------|---------------------------------|------------|--------------------|---|---------|
| Jesse | Austin-Breneman | MIT | AOP&E | Peter Traykovski | <i>Performance of the Imagenex 881 AE Echsounder</i> | * |
| Zac | Berkowitz | Case Western Reserve University | AOP&E | Hanumant Singh | <i>Design, Fabrication, and Testing of a Chemical Sensor for AUV Applications</i> | * |
| Sandeep | Bohra | Minnesota State University | AOP&E | Eugene Terray | <i>Estimation of Turbulent Fluxes in Presence of Energetic Waves</i> | |
| Catherine | Lichten | McGill University | AOP&E | Britt Raubenheimer | <i>Physics on the Beach: Modeling wave heights & setup at the shore</i> | |
| Chai | Blair-Stahn | University of Puget Sound | BIO | Mario Sengco | <i>Effects of temperature, salinity, and light on parasitism of Amoebophyrya sp. Ex Alexandrium tamarense</i> | |
| Elizabeth | Cushman | Palm Beach Atlantic University | BIO | Rebecca Gast | <i>Refining molecular methods of detecting Quahog Parasite Unknown (QPX) in environmental samples</i> | * |
| Danielle | Gilbert | MIT | BIO | Mark Hahn | <i>The Aryl Hydrocarbon Receptor & Its repressor in Elasmobranchs</i> | |
| McKenzie | Johnson | Vassar College | BIO | Lauren Mullineaux | <i>Mountains in the Sea: Deep Sea Corals on the New England Seamount Chain</i> | |
| Shereen | Katrak | MIT | BIO | John Stegeman | <i>Expression of the P450 Aromatase Enzyme in the Internal Organs of Atlantic White-Sided Dolphin</i> | |
| Sarah | Srodulski | Georgetown College | BIO | Heidi Sosik | <i>Physical versus biological controls on coastal Synechococcus populations</i> | |
| Elia | Tait | Drew University | BIO | Stefan Sievert | <i>A Molecular Approach to exploring bacterial associations with Ascidian Species of Woods Hole, MA</i> | * |
| Louie | Wurch | Humboldt State University | BIO | Sonya Dyhrman | <i>Using molecular diagnostics to detect nitrogen physiology in <i>Emiliania huxleyi</i></i> | |

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| Mingxi | Yang | Boston University | BIO | Jared Goldstone | <i>Reactive oxygen species in marine toxicology: How killfish respond to planar halogenated aromatic hydrocarbons</i> | |
| Summer | Praetorius | Portland State University | G&G | Jerry McManus | <i>A Sediment Record of Bottom Currents in the North Atlantic since the Last Ice Age</i> | * |
| Emily | Roland | Colorado School of Mines | G&G | Jeff McGuire | <i>Oceanic Transform Seismicity: Earthquake Sequences on the Galapagos Transform</i> | * |
| David | Williams | Indiana State University | G&G | Joan Bernhard | <i>A comparison of Rose Bengal & Cell Tracker Green abundance determinations and stable isotopic signatures of benthic foraminifera from the Western Atlantic Slope</i> | * |
| Alexandra | Borst | Pomona College | MC&G | Mak Saito | <i>The effects of cobalt and zinc on the growth of <i>Crocospaera watsonii</i></i> | |
| Heather | Bischel | University of California, Berkeley | MC&G | Chris Reddy | <i>Probing the Microbial degradation of Petroleum Hydrocarbons: A comparison between the laboratory & the field</i> | |
| Karin | Lemkau | Wesleyan University | MC&G | Daniel Repeta | <i>Characterization and Biological origin of marine colored dissolved organic matter (CDOM)</i> | |
| Linnah | Neidel | University of New Mexico | MC&G | Matthew Charette | <i>Behavior of Strontium during ground water-sea water mixing in a Coastal Aquifer</i> | |
| Brian | Pointer | The Evergreen State College | MC&G | Ken Buesseler | <i>The Impact of a Mesoscale Eddy on Thorium-234 derived particle export in the Sargasso Sea</i> | * |
| Brett | Walker | University of California, Santa Cruz | MC&G | Bernhard Peucker-Ehrenbrink | <i>Estuarine Behavior of Rhenium & Molybdenum along the Hudson River Salinity Gradient</i> | |
| Alise | Wallis | Hunter College, City University of New York | MC&G | Scott Doney | <i>Characterizing submesoscale ocean color variability in the Sargasso Sea surrounding Bermuda: A Geostatistical approach</i> | |

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| Megan | Bela | Universidad San Francisco de Quito | MPC | Hauke Kite-Powell | <i>Enhancing Denitrification through Bivalve Aquaculture: Effects of Density on Biodeposition by Crassostrea Virginica</i> | * |
| William | Hessert | University of Notre Dame | MPC | Porter Hoagland | <i>The Marine Reserve Selection Problem: Incorporating economic costs into the MARXAN Reserve Design Program</i> | |
| Daniel | Carlson | Stetson University | PO | Jason Goodman | <i>Laboratory models for hydrothermal plumes, with application to Europa's Liquid Interior</i> | |
| Thomas | Kilpatrick | MIT | PO | James Lerczak | <i>The Internal tide off of Martha's Vineyard</i> | * |
| Tiffany | Psemeneki | Boston University | PO | Xin Huang | <i>A two-box model of Thermohaline Circulation & Double Diffusion</i> | |
| Robert | Todd | North Carolina State University | PO | Robert Beardsley | <i>Evaluation of MM5, WHOI and ISCCP heat flux products on Georges Bank & the New England Shelf</i> | * |
| Christie | Wood | MIT | PO | Larry Pratt | <i>Archipelagos as Porous Media</i> | |
| Nariscia | Philip | Claflin University | USGS | Kathy Scanlon | <i>A Review of Marine Policies for the protection of the Benthic Community of Deep Water Corals</i> | |
| Lindsey | Ryckman | University of Pennsylvania | USGS | John Crusius | <i>Radon activities as evidence of Groundwater Flux into Coastal Bays</i> | * |

Department Codes:
AOP&E= Applied Ocean Physics & Engineering
BIO= Biology
G&G= Geology & Geophysics
MCG= Marine Chemistry & Geochemistry
MPC= Marine Policy Center
PO= Physical Oceanography
USGS= United States Geological Survey