

Grants from the October 15, 2007 Deadline  
 Alphabetical by Student's Last Name

Student	Institution	Subject	Title	Advisor
Christina Alba-Lynn	Colorado State University	Ecology	Does delayed seed germination act to facilitate <i>Verbascum thapsus</i> invasion in variable environments?	Detling, James K.
Ginger Allington	Saint Louis University	Ecology	The impact of soil nitrogen on perennial grass establishment in an arid grassland	Valone, Thomas J.
Lynn Almlie	University of Texas at Austin	Physiology/Functional Morphology	Social Modulation of Cell Proliferation in the Brain of the Adult Green Treefrog ( <i>Hyla cinerea</i> )	Wilczynski, Walter
Sharon Altmann	University of Wisconsin-Madison	Cell Biology/Biochemistry	Investigating the role of viral envelope glycolipids in the inhibition <i>Vaccinia</i> virus entry by a novel antiviral peptide.	Brandt, Curtis R.
Palak Amin	Pomona College	Cell Biology/Biochemistry	Identifying <i>Drosophila</i> RabGDI interactors by tandem affinity purification – mass spectrometry	Cheney, Clarissa M.
Amber Ankowski	University of California-Los Angeles	Psychology	The Effect of Language on Children's Landmark Search Strategies	Blaisdell, Aaron P.
Victoria Arch	University of California-Los Angeles	Behavioral Ecology	Ultrasonic communication by a Bornean frog.	Narins, Peter M.
Allen Ardestani	University of California-Los Angeles	Physiology/Functional Morphology	ELECTROPHYSIOLOGY AND HEMODYNAMICS OF WORKING MEMORY	Fuster, Joaquin M.
Christine Ardito	State University of New York at Stony Brook	Cell Biology/Biochemistry	Exploring the Role of A disintegrin and Metalloprotease-10 (ADAM-10) and the Notch Pathway in Pancreatic Development and Tumorigenesis	Crawford, Howard C.
Maria Arteaga	Universidad Nacional Autonoma de Mexico	Ecology	Population genetics and dispersal pattern of the nine-banded armadillo ( <i>Dasypus novemcinctus</i> ) in Mexican ecosystems	Medellin, Rodrigo
Jeffrey Barr	University of South Dakota	Cell Biology/Biochemistry	The Effects of Repeated Amphetamine on Adult Neurogenesis in the Rat Hippocampus	Forster, Gina L.

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Felipe Barreto	University of California-Irvine	Behavioral Ecology	Male parental care as a sexually selected trait in a sea spider (Class Pycnogonida: Arthropoda)	Avise, John C.
Paola Barriga	University of Arkansas at Fayetteville	Ecology	Stable isotopic enrichment as a function of life history stage and diet quality in laboratory populations of <i>Solenopsis invicta</i> (Hymenoptera: Formicidae)	Sagers, Cynthia L.
Joel Baumgart	University of Virginia	Cell Biology/Biochemistry	Structural Determinants in the Gating and Surface Expression of Low Voltage-activated Calcium Channels	Perez, Enrique E.
Kean Bliss	San Diego State University	Petrology/Geochemistry	Evaluation of XRD and Raman peak broadening in shock-metamorphosed calcite and dolomite from selected carbonate-target bolide impact structures	Morrow, Jared R.
Devin Bloom	University of Toronto	Systematics/Evolutionary Biology	Differential rates of evolution in marine and freshwater lineages of fishes	Lovejoy, Nathan R.
Jennifer Blundo	Stanford University	Engineering	Validation of a Stretchable Electromechanical Membrane for Regenerating Cardiac Cells	Pruitt, Beth L.
Catherine Bodinof	University of Missouri-Columbia	Conservation Biology	Long-Term Changes in Prevalence of Hellbender Abnormalities	Millspaugh, Joshua J.
Yevgen Borodin	State University of New York at Stony Brook	Computer Science/Mathematics	Comparative evaluation of the HearSay non-visual Web browser in navigation, form filling, and online transactions.	Ramakrishnan, IV
Kathryn Borsheim	Lindenwood University	Psychology	Yesterweek: accuracy of delayed recall in the context of eyewitness testimony	Nohara-LeClair, Michiko

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Sarah Bortvedt	University of Portland	Cell Biology/Biochemistry	New Approaches to Huntington's Disease Therapy: Combined Drug and Intracellular Antibody Treatments in a Drosophila Model	Ahern-Rindell, Amelia J.
Gordon Bromley	University of Maine, Orono	Hydrology/Geomorphology	Glacier fluctuations and climate change in the southern Peruvian Andes	Hall, Brenda L.
Brandeis Brown	State University of New York College of Environmental Science and Forestry	Ecology	Assessing recovery and composition of a potential macroinvertebrate community following remediation in a polluted urban lake	Schulz, Kimberly L.
Jessi Brown	University of Nevada, Reno	Ecology	Family Planning in the American Kestrel: Experimental Manipulation of Parent Condition and its Effects on Reproductive Decisions	Collopy, Michael W.
Christine Bruno	California State University-Northridge	Conservation Biology	Geographic trends in photolyase activity and the sublethal effects of UV-B exposure in the Andean toad	Espinoza, Robert E.
Joseph Burger	The University of Louisiana at Monroe	Behavioral Ecology	Testing the effects of food resource distribution and abundance on the spatial ecology and sociality of Octodon degus	Hayes, Loren D.
Curtis Burney	Louisiana State University-Baton Rouge	Systematics/Evolutionary Biology	Comparative phylogeography of Neotropical birds: testing the role of biogeography, demography, and ecology in shaping geographic patterns of genetic differentiation.	Brumfield, Robb T.
Michael Butler	Arizona State University	Physiology/Functional Morphology	Immune function and development of sexual coloration in mallard ducks	McGraw, Kevin J.

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Yevgeniya Byekova	Clemson University	Cell Biology/Biochemistry	Entamoeba histolytica: Characterization of the subcellular and ultracellular localization of phosphatidylinositol (3, 4, 5)-trisphosphate	Temesvari, Lesly
Maria Caffrey	University of Tennessee-Knoxville	Paleontology/Sedimentation	A 12,000 Year Record of Pre-Columbian Environmental Change from Highland Guatemala	Horn, Sally P.
Timothy Campbell	Sam Houston State University	Anthropology	GIS as a tool in paleoenvironmental reconstruction in southern Africa	Lewis, Patrick J.
Amanda Cass	Cornell University	Systematics/Evolutionary Biology	Expression of a tetrapod lung marker in the zebrafish swimbladder: evidence for homology?	McCune, Amy R.
Julie Castner	Virginia Polytechnic Institute and State University	Behavioral Ecology	Does cultural divergence drive genetic divergence? A test in a tropical bird.	Moore, Ignacio T.
Carol Chaffee	University of Florida	Ecology	Corals, algae and microbes: using molecular tools to illuminate an ecological interaction	Osenberg, Craig W.
Lesley Chapman	Duke University	Cell Biology/Biochemistry	The Role of Antimalarial Drugs in the Spontaneous Uptake of Endogenous Human MicroRNAs by Erythrocyte-Stage Plasmodium falciparum: Unveiling Novel Molecular Components that Enhance Antimalarial Drug Efficacy	Chi, Jen-Tsan A.
Karthikeyani Chellappa	University of California-Riverside	Cell Biology/Biochemistry	Isoform specific phosphorylation of HNF4 alpha by Src paly a role in Human colon cancer	Sladek, Frances M.
Yen-chi Chen	University of Utah	Engineering	Nanoreactors for Hydrogen Peroxide Detection in Blood	Ostafin, Agnes E.

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Erin Clancey	University of Idaho	Behavioral Ecology	Sex ratio bias in pronghorn ( <i>Antilocapra americana</i> ): results of a physiological process or an evolutionary adaptation?	Byers, John A.
Rebecca Clark	Arizona State University	Behavioral Ecology	Nutritional dynamics of leafcutter ant colonies: Characterizing the relationship between the fungal substrate and fungus growth	Fewell, Jennifer H.
Elizabeth Cooper	University of South Florida	Anthropology	Supplementary Feeding and the Perception of Benefits in Malaysian Borneo	Himmelgreen, David
Molly Cornell	San Francisco State University	Petrology/Geochemistry	Petrologic analysis and material characterization of atypical blocky graphite from the southern Ural Mountains, Russia	Leech, Mary L.
Jenalee Coster	St Mary's College of Maryland	Psychology	The Potential Benefits of Free-running Exercise in the Acquisition of a Learning Set in Long-Evans Rats with Quisqualic Acid Lesions to the Nucleus Basalis Magnocellularis	Bailey, Aileen M.
Toby Daly-Engel	University of Hawaii at Manoa	Conservation Biology	Multiple paternity in a rare deep-water shark ( <i>Squalus mitsukurii</i> )	Gavey, Karen A.
Jason DeBerry	West Virginia University	Systematics/Evolutionary Biology	Exploring synergistic activities among the microbial symbionts, <i>Wigglesworthia glossinidia</i> and <i>Sodalis glossinidius</i> , in the tsetse fly (Diptera: Glossinidae).	Rio, Rita V.
Joshua Dekker	Southern Utah University	Physiology/Functional Morphology	The effect of diabetes mellitus on venous wall structure	Smetanka, Rachel D.
Michael DeSalvo	University of California-Merced	Ecology	A genomic and physiological approach to the study of coral bleaching tolerance	Medina, Monica
Sarah DeVos	Central Michigan University	Cell Biology/Biochemistry	Creation of a Calpain-Resistant Form of Tau in <i>Drosophila</i>	Steinhilb, Michelle L.

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María Di Yorio	Universidad de Buenos Aires	Physiology/Functional Morphology	Leptin regulation on its receptors in the hypothalamus-pituitary-ovarian axis during the ovulatory process	Faletti, Alicia G.
Molly Dickens	Tufts University	Conservation Biology	Understanding the "stress" of translocation: how a commonly used conservation tool impacts a wild animal's Fight-or-Flight response.	Romero, L. M.
Peter Dimoulas	University of British Columbia	Physiology/Functional Morphology	The Contributions of Growth Hormone Upregulation to the Muscle Physiology of Transgenic Coho Salmon	Shadwick, Robert E.
Jonathon Diulio	Widener University	Cell Biology/Biochemistry	The effect of acid exposure on bactericidal action of blood in <i>Rana pipiens</i> .	Vatnick, Itzick
Luke Dodd	University of Kentucky	Conservation Biology	Application of genetic techniques for detection of prey of forest-dwelling bats.	Rieske-Kinney, Lynne K.
Sarah Donnelly	Southern Illinois University-Carbondale	Ecology	"Vegetated Rooftops in Urban Communities with Emphasis on Quality of Stormwater Runoff"	Ebbs, Stephen
Melissa Doolin	Eastern Michigan University	Chemistry	GC-MS Analysis of Possible Binders in Rock Paintings: Protein Extraction and Purification and Comparisons to Authentic Pictographs.	Armitage, Ruth Ann
Derek Eggiman	Worcester Polytechnic Institute	Physics/Astronomy	Mean-Value Method for Lateral Force Calibration	Burnham, Nancy A.
Evan Ewers	American University	Ecology	Using Metabolic and Molecular Tests to Assess the Role of Polycyclic Aromatic Hydrocarbons in a Heavily Polluted Urban River	Bushaw-Newton, Karen L.
ZEYNEP FIRTINA	University of Delaware	Cell Biology/Biochemistry	The role of the Unfolded Protein Response in cataractogenesis	Duncan, Melinda K.

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Aaron Fitts	Western Washington University	Petrology/Geochemistry	Metamorphic and Structural Evolution of the Northwest Chelan Block, North Cascades, WA	Hirsch, David M.
Emily Follansbee	Union College	Ecology	Test of a specific technique to reduce the impact of <i>Alliaria petiolata</i> on growth of a native tree seedling	Corbin, Jeffrey D.
Ben Ford	Texas A&M University-College Station	Anthropology	Lake Ontario Maritime Cultural Landscape Project	Crisman, Kevin J.
James Forson	Sam Houston State University	Conservation Biology	Analysis and comparison of invertebrate faunas from cave sites in Botswana	Lewis, Patrick J.
Samuel Fox	Oregon State University	Cell Biology/Biochemistry	FLK guides RNA processes necessary for the initiation of flowering in <i>Arabidopsis</i>	Mockler, Todd C.
Eric Frey	Miami University Ohio	Physics/Astronomy	Fluorescence-based Calcium-ion Sensing At High Hydrostatic Pressures	Urayama, Paul K.
Jacob Fyda	University of Florida	Physiology/Functional Morphology	Localization of 3-beta-hydroxysteroid dehydrogenase in the Chick Chorioallantoic Membrane	Guillette, Louis J.
Frank Gallo	University of Wisconsin-Milwaukee	Psychology	Executive Functioning in Young Children with Williams Syndrome	Klein-Tasman, Bonita P.
David Garfield	Duke University	Systematics/Evolutionary Biology	Germline sequestration and senescence: a test in sea urchins	Wray, Gregory A.
Shane Geange	Victoria University of Wellington	Ecology	Resource Use, Phylogeny, and Priority Effects in Reef Fishes	Shima, Jeffrey S.
Kimberly Genareau	Arizona State University	Petrology/Geochemistry	Volcanic Conduit Conditions that Contribute to Shock Wave Formation: A Geochemical and Textural Analysis of Eruptive Products.	Hervig, Richard L.

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Brian Gerber	University of Massachusetts Amherst	Conservation Biology	Using camera-traps and surveys of traditional knowledge to estimate population abundance, density, and occupancy of threatened and endangered carnivores in southeastern Madagascar to best design landscape level conservation strategies.	Karpanty, Sarah M.
Shannon Gerry	University of Rhode Island	Physiology/Functional Morphology	The Evolution of Asynchronous Jaw Muscle Activity in Elasmobranchs	Wilga, Cheryl D.
Ronda Graves	Florida Atlantic University	Anthropology	Skeletal Analysis of Human Remains from Plaza San Marcos, Quito, Ecuador: Evidence of Increases in Pathological Conditions and Injuries Associated with Colonialism and Capitalism	Brown, Clifford T.
Marcus Griswold	University of Florida	Ecology	Evaluating the effects of reforestation on aquatic foodwebs and ecosystem function in riparian zones	Crisman, Thomas L.
Valeschka Guerra	University of Kent at Canterbury	Psychology	The influence of culture and religiosity on morality	Giner-Sorolla, Roger S.
Jennifer Gumm	Lehigh University	Behavioral Ecology	From individual behavior to population dynamics and back in the Comanche Springs pupfish ( <i>Cyprinodon elegans</i> )	Iitzkowitz, Murray
Alison Hale	University of Pittsburgh	Ecology	Facilitation of invasion by a mutualism to parasitism shift in the arbuscular mycorrhizae-native plant relationship	Kalisz, Susan
Cyd Hamilton	Arizona State University	Ecology	Hybrid Endophytes Alter Host Response to Abiotic Variation	Faeth, Stanley H.
Catherine Haradon	George Washington University	Anthropology	The faunal and ecological context of the Acheulean to Middle Stone Age transition	Potts, Richard B.

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Liz Harp	Colorado State University	Ecology	Functional genetic diversity and pathogen resistance in black-tailed prairie dogs	Antolin, Michael F.
Steven Hart	University of Kansas Medical Center	Cell Biology/Biochemistry	MUTATIONS IN CYTOCHROME P450 OXIDOREDUCTASE INFLUENCE MICROSOMAL P450-CATALYZED DRUG METABOLISM	Zhong, Xiaobo
Saad Hasan	Vanderbilt University	Engineering	Fabrication of Macroscopic Freestanding All-Nanoparticle Thin Films and Investigation of their Physical Properties	Dickerson, James H.
David Hembry	University of California-Berkeley	Systematics/Evolutionary Biology	Coevolution and diversification in an obligate mutualism: Glochidion trees (Phyllanthaceae) and their pollinating moths (Gracillariidae: Epicephala) in the Society Islands, French Polynesia	Gillespie, Rosemary G.
Jill Hendon	University of Mississippi	Physiology/Functional Morphology	Investigation into the Integrated Primary and Secondary Stress Response of Three Gulf of Mexico Species of Shark: Rhizoprionodon terraenovae (sharpnose shark), Carcharhinus limbatus (blacktip shark), Carcharhinus isodon (finetooth shark)	Parsons, Glenn R.
Santiago Herrera	Universidad de los Andes	Systematics/Evolutionary Biology	Genetic connectivity across the deep ocean: Phylogeography and genetic diversity of the cosmopolitan bubblegum coral Paragorgia arborea (Linnaeus)	Sanchez, Juan A.

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Michael Howley	University of New Hampshire	Hydrology/Geomorphology	A high-resolution chronology of Holocene glaciation in the central Alaska Range using in situ-produced cosmogenic Be-10 and lichenometry.	Licciardi, Joseph M.
Melanie Hoy	Duke University	Psychology	Appearance as Defining the Self: The Development of Structure and Centrality in the Self System	Costanzo, Philip
Pinshane Huang	Carleton College	Physics/Astronomy	The effect of alpha and beta Ta underlayers in giant magnetoresistance of permalloy/Cu thin films	Eblen-Zayas, Melissa A.
Laura Hurley	Arizona State University	Ecology	Effect of photoperiod and N-methyl-D-aspartate on temperate breeding Cassin's Sparrow ( <i>Aimophila cassinii</i> ): an intraspecies comparison to a desert population	Deviche, Pierre J.
Jennifer Hutchens	University of Utah	Behavioral Ecology	Is sunning behavior an adaptation for controlling ectoparasitic arthropods and microbes in bird plumage?	Clayton, Dale H.
Susan Johnson	University of Maryland, College Park	Systematics/Evolutionary Biology	A window into the past: Using reproductive soldiers of the ancient termite genus <i>Archotermopsis</i> to elucidate the evolution of eusociality in insects.	Thorne, Barbara L.
Jeremy Jones	University of Wisconsin-Madison	Cell Biology/Biochemistry	Exploration of a Novel Vaccine Adjuvant for Highly Virulent H5N1 Influenza Viruses	Schultz-Cherry, Stacey L.
Issmat Kassem	University of Toledo	Ecology	The Occurrence and Survival of Methicillin-Resistant <i>Staphylococcus aureus</i> (MRSA) in Fresh Water.	Sigler, Von
Joanna Kelley	University of Washington	Systematics/Evolutionary Biology	Functional analysis of adaptive diversification in type III antifreeze proteins	Swanson, Willie J.

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Jennifer Kiger	Wake Forest University	Cell Biology/Biochemistry	Deciphering the Role of Sub-cellular Compartmentalization of Proteins involved in Oxalate Metabolism	Holmes, Ross P.
John Kim	Duke University	Ecology	Carbon and water tradeoffs from invasion of woody plants across the precipitation gradient in South Africa	Jackson, Robert B.
Kyra Krakos	Washington University in St. Louis	Ecology	Generalization and specialization of plant-pollinator interactions in Oenothera	Raven, Peter H.
Anastasia Kyvelidou	University of Nebraska at Omaha	Systematics/Evolutionary Biology	Sensory Information and Sitting Postural Control of Infants	Stergiou, Nick
Jackie Langille	Central Washington University	Tectonics/Geophysics	Testing a channel-flow model using electron-backscatter diffraction investigations of middle-crustal rocks, Mabja Dome, southern Tibet	Lee, Jeffrey
Chang-won Lee	University of Utah	Engineering	Infrared emitting gold quantum dots for in vitro imaging	Ostafin, Agnes E.
Bryn Letham	University of British Columbia	Anthropology	Using Percussion Coring to Explore the Developmental Sequence of a Early-Late Holocene Shell Midden on the Northern Northwest Coast	Martindale, Andrew
Russell Ligon	Auburn University	Behavioral Ecology	Exploring the intra-specific signaling function of juvenal plumage	Hill, Geoffrey E.
Megan Linthicum	University of California-Davis	Ecology	Comparison of soil sterilization methods for rhizobial research	Stanton, Maureen L.
Trevor Logan	St. Mary's College of Maryland	Psychology	The Effect of Continuous Beta-amyloid Protein Infusion into the Rat Cerebral Ventricle on Learning Set Acquisition	Bailey, Aileen M.
Maria del Pilar Lopera Blair	University of South Florida	Ecology	Reproductive isolation in sympatric Bursera (Burseraceae) species in a tropical dry forest, Mexico	Fox, Gordon A.

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Joel Lowry	New Mexico Highlands University	Tectonics/Geophysics	Paleomagnetic Baked Contact Test of a Permo-Carboniferous Dike Intruding the Ross of Mull Granite, Isle of Mull, NW Scotland	Petronis, Michael S.
Jacqueline Ma	California State University-Fresno	Behavioral Ecology	Does social deprivation trigger stress-related hyper-aggression?	Earley, Ryan L.
Jamie MacKay	University of Auckland	Ecology	Improving the success of house mouse eradication attempts on islands	Hauber, Mark E.
Sameer Mahajan	Vanderbilt University	Physics/Astronomy	Structural and optical characterization of sub-3 nm Eu <sub>2</sub> O <sub>3</sub> and Gd <sub>2</sub> O <sub>3</sub> :Eu <sup>3+</sup> nanocrystals	Dickerson, James H.
Chelsea Maier	Warren Wilson College	Conservation Biology	Thyroid Hormone, Epinephrine, Norepinephrine, and Ca <sup>2+</sup> Concentration Changes in Blood Plasma of the American alligator ( <i>Alligator mississippiensis</i> ) in Response to Acute Stress	Collins, Victoria P.
Kumar Mainali	University of Texas at Austin	Ecology	Global change impacts on species' range and community structure of plants in the Himalayas	Parmesan, Camille
Kai Mao	University of South Dakota	Cell Biology/Biochemistry	Autophagy in Diabetic Cardiomyopathy	Liang, Qiangrong
Bradley Markle	Pomona College	Paleontology/Sedimentation	Did Lake Elsinore (Riverside County, CA) experience a rapid regression during the Last Glacial Maximum (ca. 19,200 c.y. BP)?	Lackey, Hilary S.
Rebecca Martone	Stanford University	Ecology	Geographic variation in individual performance: effects of oceanographic conditions on bioenergetic tradeoffs in benthic marine herbivores	Micheli, Fiorenza

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Maria Maust	Hunter College of The City University of New York	Psychology	Vocal Communication and Possible Use of Echolocation by the Hippopotamus ( <i>Hippopotamus amphibius</i> )	Reiss, Diana L.
Ashley McCartney	Albertson College of Idaho	Cell Biology/Biochemistry	Investigation of the Role of 17- $\beta$ Estradiol in Cadmium-Induced Osteotoxicity	Heggland, Sara J.
Birgitte McDonald	University of California-Santa Cruz	Ecology	Antarctic fur seal reproductive biology: Impacts of maternal traits on reproductive effort	Costa, Daniel P.
Emma McInturff	Boise State University	Chemistry	Probing cellular interactions of synthetic aziridinomitosenes through confocal microscopy	Warner, Don L.
Ryan McKeon	Montana State University-Bozeman	Tectonics/Geophysics	The interaction between climate, tectonics, and topography in the San Juan Mountains of southwestern Colorado, U.S.A.	Lageson, David R.
Ryan McKeown	Drexel University	Physics/Astronomy	Can muon spallation and a lead target be used to create a fast neutron source?	Lane, Charles D.
William McLamb	Florida Institute of Technology	Cell Biology/Biochemistry	Characterizing the Role of Transient Receptor Potential Ion Channels in Infrared Thermosensation of Python Pit Organs	Grace, Michael S.
Ryan McManamay	Virginia Polytechnic Institute and State University	Ecology	The effect of morphological restoration on the fish and macroinvertebrate assemblage structure in a fragmented river system.	Orth, Donald J.
Sarah McMenamin	Stanford University	Ecology	Amphibian Population Responses to Habitat Variation and Climatic Change in the World's Oldest National Park	Hadly, Elizabeth A.
Teresa Micheli	George Mason University	Psychology	Hippocampal deficits due to elevated zinc consumption.	Flinn, Jane M.

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Benjamin Miller	Indiana University Bloomington	Cell Biology/Biochemistry	Regulation of synaptic glutamate to restore striatal neuronal output in the R6/2 mouse model of Huntington's disease	Rebec, George V.
Gauri Nayak	Florida Atlantic University	Cell Biology/Biochemistry	Analyzing the role of Neuroglobin in the brain of the anoxia-tolerant turtle <i>Trachemys scripta elegans</i>	Milton, Sarah L.
Laura Newburgh	Columbia University	Physics/Astronomy	Mapping the Cosmological CMB Polarization Signal with QUIET	Miller, Amber D.
Janne Thoft Nielsen	University of Miami	Conservation Biology	Recruitment of Loggerhead Turtles ( <i>Caretta caretta</i> ) to a Foraging Area in Quintana Roo, Mexico.	Gaines, Michael S.
Stuart Nielsen	Villanova University	Systematics/Evolutionary Biology	Morphological Systematics of the Geckos of New Zealand	Bauer, Aaron M.
Suegene Noh	University of Connecticut	Systematics/Evolutionary Biology	Investigating species boundaries and the role of mating signals during lineage divergence in European green lacewings of the <i>Chrysoperla carnea</i> group (Neuroptera: Chrysopidae)	Henry, Charles S.
Shawn O'Brien	University of Notre Dame	Physics/Astronomy	The study of the alpha-p and rp-processes through (p,t) reactions.	Wiescher, Michael
Lisa Overholtzer	Northwestern University	Anthropology	Household Spaces and Everyday Practices at Late Postclassic Xaltocan, Mexico	Brumfiel, Elizabeth M.
Kimberly Paczolt	Texas A&M University- College Station	Systematics/Evolutionary Biology	Hox gene expression and the evolution of body pattern in pipefishes	Jones, Adam G.
Seunghoo Park	University of South Florida	Physiology/Functional Morphology	Inhibition of autoimmune pathology in the Type I diabetic mouse	Nolan, Michael F.
Siddhartha Pathak	Drexel University	Engineering	Matrix level structure-property linkages in bone	Kalidindi, Surya R.

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Elena Portacolone	University of California-San Francisco	Anthropology	The meaning of independence and interdependence among older adults	Newcomer, Robert J.
Megan Poulette	University of Kentucky	Ecology	Single-tree effects of savanna trees and invasive species on soil biota	Crowley, Philip H.
Brian Powell	Duke University	Behavioral Ecology	Investigating the Role of the Parietal Eye in Polarized Light Detection	Leal, Manuel
Andrea Pruijssers	University of Georgia	Cell Biology/Biochemistry	Viral genes as candidate inhibitors of insect growth	Strand, Michael R.
Denver Pyle	Virginia Polytechnic Institute and State University	Engineering	Use of Biodiesel-Derived Crude Glycerol for Production of Omega-3 Fatty Acids by Algal Fermentation	Wen, Zhiyou
Guangqiu Qin	Texas Tech University	Ecology	Interaction of predator stressors and the insecticide malathion on larval West Nile virus vector mosquitoes	Maul, Jonathan D.
Kartik Ramamoorthi	Rutgers, The State University of New Jersey	Psychology	Gene Expression Changes in Ventral and Dorsal Hippocampus Induced By Trace Fear Conditioning	Otto, Tim
Erin Reardon	McGill University	Ecology	The Energetic Costs of Mouth-brooding in Divergent Oxygen Environments	Chapman, Lauren J.
Sehee Rim	Miami University Ohio	Physiology/Functional Morphology	Investigation of Comparative Thigmotropic and Associated Morphologic Traits of Fusarium species and Aspergillus species, the Predominant Invasive Ocular Filamentous Fungi	Lee, Marcia R.
Clare Rittschof	University of Florida	Behavioral Ecology	Does group size affect male reproductive success in the golden orb spider?	Brockmann, H. J.

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Teisha Rowland	University of California-Santa Barbara	Cell Biology/Biochemistry	The Role of Integrins in the Differentiation of Human Embryonic Stem Cells to Retinal Pigment Epithelial Cells	Clegg, Dennis O.
Ryan Roy	University of Illinois at Springfield	Ecology	Using redox potential to culture sediment bacteria	Lemke, Michael J.
Christian Salcedo	University of Florida	Ecology	Behavior, mimicry, and chemical ecology as joint forces driving speciation in tropical mimicry systems	Emmel, Thomas C.
Amy Savage	Rice University	Ecology	Anoplolepis gracilipes invasion of the Samoan Archipelago: Can mutualisms with native plants amplify ecological consequences?	Rudgers, Jennifer A.
Victor Schmidt	University of North Carolina at Wilmington	Systematics/Evolutionary Biology	Gamete Incompatibility and the Sexual Conflict Hypothesis in Hybridizing Blue Mussels	McCartney, Michael A.
C. Schussler-Fiorenza	University of Wisconsin-Madison	Psychology	Improving Women's Health by Using an Electronic Pelvic Floor Questionnaire	Gangnon, Ronald
Stephanie Sell	Central Michigan University	Conservation Biology	Investigating population structure and philopatry in ringed seals ( <i>Phoca hispida</i> ) during the breeding season	Swanson, Bradley J.
Samantha Slattery	Villanova University	Behavioral Ecology	Influence of male song on mate choice in the Black-capped Chickadee ( <i>Poecile atricapillus</i> ) and Carolina Chickadee ( <i>P. carolinensis</i> ) hybrid zone	Curry, Robert L.
Daniel Speiser	Duke University	Behavioral Ecology	The function of chiton eyes: Predator detection and visual navigation.	Johnsen, Sonke
Hayley Stafford	Catawba College	Physiology/Functional Morphology	The Influence of Atmospheric CO <sub>2</sub> on the Calcification Rate of Developing Coral Planula.	Rogers Lowery, Constance L.

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Laurie Stevison	Duke University	Behavioral Ecology	Sex mediated affects on recombination rate in different environments	Noor, Mohamed A.
Christy Strong	University of Montana	Cell Biology/Biochemistry	Effects of 5'UTR splicing and 5' UTR Long-Distance Interactions (LDI) on HIV-2 translation	Lodmell, J. Stephen
Shinichi Sunagawa	J W Goethe-Universitat	Ecology	A systems biology approach to the study of the microbial community composition and host gene expression in the coral holobiont during thermal stress and disease events	Medina, Monica
Matthew Surdel	Davidson College	Cell Biology/Biochemistry	Identification of the Unknown Transcription Factor of the CD4 Promoter	Sarafova, Sophia D.
Edward Swanson	McGill University	Engineering	Stabilization of Metal-Water Nanofluids by Plasma Enhanced Surface Functionalization	Coulombe, Sylvain
Nicholas Swanson-Hysell	Princeton University	Tectonics/Geophysics	Detailed magnetostratigraphy of Keweenawan volcanics at Mamainse Point: reevaluating reversal asymmetry of the paleo-geomagnetic field in the late Mesoproterozoic	Maloof, Adam C.
Sunni Taylor	Texas State University-San Marcos	Systematics/Evolutionary Biology	Homoploid hybrid speciation in Louisiana Iris	Martin, Noland H.
Eileen Thorsos	Duke University	Ecology	Do wetland plant species shape soil emissions of the greenhouse gas methane via root carbon exudation?	Jackson, Robert B.
Anna Tolentino	University of South Florida	Psychology	Are All Good Soldiers Created Equal? Examining the "Why" that Underlies Organizational Citizenship Behavior: The Development of an OCB Motives Scale	Johnson, Russell E.

Grants from the October 15, 2007 Deadline  
 Alphabetical by Student's Last Name

Student	Institution	Subject	Title	Advisor
Candice Torres	University of California-Berkeley	Behavioral Ecology	The effects of social parasitism by the slave-making ant, <i>Polyergus breviceps</i> , on the nestmate recognition system of its host <i>Formica altipetens</i>	Tsutsui, Neil
Sampada Upadhye	University of Mississippi	Chemistry	Transmucosal Matrix Patch as a delivery system for $\Delta^9$ -Tetrahydrocannabinol hemisuccinate prodrug of $\Delta^9$ -Tetrahydrocannabinol	Repka, Michael A.
Adria Updike	Clemson University	Physics/Astronomy	Environments of Long Gamma Ray Bursts	Hartmann, Dieter H.
Saumitra Vajandar	Vanderbilt University	Engineering	Porous Silicon Electro-osmotic Pumps with Gate Controlled Flow Rate Modulation	LI, DEYU
Craig van der Heiden	Florida Atlantic University	Ecology	Spatial-Temporal Variation in Crayfish ( <i>Procambarus fallax</i> ) Dispersal in Response to Hydrological Pulse	Noonburg, Erik G.
Christy Visaggi	University of North Carolina at Wilmington	Paleontology/Sedimentation	Latitudinal Variation in Drilling Predation of Eastern South American Mollusks: Spatial Implications for Patterns of Evolution in the Fossil Record	Kelley, Patricia H.
Jessica Waite	University of Utah	Ecology	Blood parasite biodiversity in China: predicting species coextinction rates	Clayton, Dale H.
Kristina Walkup	Iowa State University	Anthropology	Causal Understanding of Tool Use by Orangutans	Pruetz, Jill D.
Heather Wall	Syracuse University	Paleontology/Sedimentation	Is molluscan turnover related to increased seasonality at the middle-late Eocene boundary in the U.S. Gulf Coastal Plain?	Ivany, Linda C.
James Waters	Arizona State University	Physiology/Functional Morphology	An empirical test of the social efficiency hypothesis in ants	Harrison, Jon F.
Laura Wegener Parfrey	University of Massachusetts Amherst	Systematics/Evolutionary Biology	Differential Genome Processing in Foraminifera	Katz, Laura A.

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<b>Student</b>	<b>Institution</b>	<b>Subject</b>	<b>Title</b>	<b>Advisor</b>
Daniel Wetzel	University of Kentucky	Behavioral Ecology	Causes and consequences of individual variation in parental care in the Eastern Bluebird.	Westneat, David F.
Kyle Whittinghill	University of Minnesota, Twin Cities	Ecology	Modeled Organic Matter Processing in Arctic Hillslopes	Hobbie, Sarah E.
Bradley Winters	Mesa State College	Cell Biology/Biochemistry	Methylation and Membrane Association of Prenylated G-proteins	McQuade, Kyle J.
Qiaqia Wu	Middlebury College	Cell Biology/Biochemistry	The Expression of Catalase and Glutathione Peroxidase in Granulosa Cells: Variations during folliculogenesis and their implications for the development of good quality oocytes.	Combelles, Catherine M.
Sarah Yoon-Miller	Hobart and William Smith Colleges	Chemistry	Solid-Phase Synthesis of Biologically Active Nitrogen Heterocycles	Pelkey, Erin T.
Kelly Zullig	Miami University Ohio	Physiology/Functional Morphology	Prolactin as a mediator of hypothalamic-pituitary-adrenal cortex axis negative feedback	Callahan, Phyllis