

**Grants from the March 15, 2006 Deadline**  
 Alphabetical by Student's Last Name

<b>Student Name</b>	<b>College/ University</b>	<b>Subject</b>	<b>Title</b>	<b>Mentor</b>
Joshua Adams	University of Texas at Austin	Physics/ Astronomy	A Prototype Survey for Starforming High Redshift Galaxies	Hill, Gary J.
Farhan Ali	National University of Singapore	Systematics/ Evolutionary Biology	Using Non-Invasive Samples for the Study of Brain and Cognition Genes in Primates	Meier, Rudolf
Jenica Allen	University of Virginia	Ecology	The Role of Enemy Release and the Evolution of Increased Competitive Ability in the Invasion of Pacific U.S. Estuaries by <i>Spartina Alterniflora</i> Loisel	Carr, David E.
Maria Antoniou	University of Cincinnati	Engineering	Destruction of the Cyanobacterial Toxins Microcystin- LR and Cylindrospermopsin with Advanced Oxidation Technologies (AOTs)	Dionysiou, Dionysios D.
Jonathan Atwell	Indiana University Bloomington	Behavioral Ecology	Hormones, Plasticity, and Evolution Following Colonization of a Novel, Anthropogenic Environment	Ketterson, Ellen D.
Leslie Babonis	University of Florida	Physiology/ Functional Morphology	To Drink or not to Drink: Behavioral Osmoregulation in an Estuarine Snake	Lillywhite, Harvey B.
David Ballinger	Appalachian State University	Conservation Biology	Physical Variables and Community Structure of the White Rocks Cliff System, Cumberland Gap National Historical Park	Walker, Gary L.
Holly Barnard	Oregon State University	Hydrology/ Geomorphology	Illuminating the Black Box: The Influence of Forest Transpiration on Stream Discharge in a Small Headwater Catchment	Bond, Barbara J.
Evelina Basenko	University of Georgia	Cell Biology/ Biochemistry	Investigation of the Genetic Requirements for T-circle and T-loop Formation	McEachern, Michael J.
Alison Behie	University of Calgary	Behavioral Ecology	The Role of Nutrition and Parasite Load in Determining Black Howler Monkey Population Density in a Hurricane-damaged Forest in Belize	Pavelka, Mary S.
Patrick Belmont	Lehigh University	Hydrology/ Geomorphology	Long-term Erosion Rate Response to Fault Activity in the Lemhi Range, Eastern Idaho	Pazzaglia, Frank J.
Sarah Benson-Amram	Michigan State University	Behavioral Ecology	Social Complexity and Comparative General Intelligence in Mammalian Carnivores	Holekamp, Kay E.
Bhart-Anjan Bhullar	University of Texas at Austin	Systematics/ Evolutionary Biology	Morphology, Ontogeny, and Phylogeny of Recent and Fossil Members of the Unusual Lizard <i>Clade Xenosauridae</i>	Bell, Christopher J.
Joanne Birch	University of Hawaii at Manoa	Systematics/ Evolutionary Biology	Lineage Diversification within Insular Flora: The Systematics and Biogeography of the Pacific Genus <i>Astelia</i> ( <i>Asteliaceae</i> )	Morden, Clifford W.
Christy Bowles	University of California-Davis	Ecology	Do alternate Stable States Exist in Bodega Harbor Mudflats?	Grosholz, Edwin D.

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Sebastian Brandt	Washington University in St. Louis	Physics/ Astronomy	Investigating the Conduction Velocity Asymmetry in Feedback Loops of the Avian Visual System	Wessel, Ralf
Gordon Bromley	University of Maine, Orono	Hydrology/ Geomorphology	Reconstructing the Late-Quaternary Glacial History of <i>Nevado Coropuna</i> , Peru	Hall, Brenda L.
David Buck	University of Florida	Hydrology/ Geomorphology	Linking Land Use Patterns and Aquatic Ecosystem Function in the Temash Watershed, Belize	Brenner, Mark
Jeffrey Buechler	University of Illinois at Chicago	Anthropology	Classic Maya Socio-Political Interactions in Ancient Guatemala	Palka, Joel W.
Devin Buick	University of Cincinnati	Paleontology/ Sedimentation	Exploring the Evolution of Morphological Disparity within and among Species of the Bivalve Genus <i>Cucullaea</i>	Miller, Arnold I.
Melanie Burger	University of Calgary	Chemistry	Design of Liposome Microarray Systems for High Throughput Protein-Lipid Membrane Interaction Studies	Cosa, Gonzalo
Kevin Burns	University of Tennessee-Knoxville	Tectonics/ Geophysics	Developing Empirical Relationships Between Ground Penetrating Radar Reflection Amplitudes and Hydrologic Tracer Concentrations for Improving Characterization of Channelized Fluid Flow in Subhorizontal Bedrock Fractures	Baker, Gregory S.
Stephanie Bush	University of California-Berkeley	Behavioral Ecology	Ink Release by Deep-Sea Squids: A Chemical Deterrent to Predation?	Caldwell, Roy L.
Paula Capece	University of Hawaii at Manoa	Conservation Biology	Estimating Jaguar Densities Using Capture-recapture Analysis: Comparison of a Protected Area and an Unprotected Area in Roraima, Northern Brazil	Fragoso, José Manuel V.
Michael Carey	University of Illinois at Urbana-Champaign	Ecology	Exploring Fish Diversity as a Determinant of Ecosystem Properties in Aquatic Food Webs	Wahl, David H.
Martha Carlson	University of Michigan-Ann Arbor	Ecology	Evapotranspiration and Ground-Water Flow Systems in a Fresh-Water Coastal Ridge-and-Swale System	Wiley, Mike J.
Sara Carlson	Yale University	Systematics/ Evolutionary Biology	Investigation of an Evolutionary Novelty: Epicalyx Evolution and the Adaptive Radiation of <i>Dipsacaceae</i> ( <i>Dipsacales</i> ) in the Mediterranean Basin	Donoghue, Michael J.
Kristen Cecala	Davidson College	Ecology	Eating Your Neighbor: The Role of Predation in Structuring Stream Salamander Guilds	Dorcas, Michael E.
Mukta Chakraborty	University of North Carolina at Chapel Hill	Behavioral Ecology	Neuro-endocrine Mechanisms of Female Receptive Behavior in Tungara Frogs ( <i>Physalaemus pustulosus</i> )	Burmeister, Sabrina S.
Audrey Chang	Duke University	Systematics/ Evolutionary Biology	The Role of Postcopulatory Sexual Selection in Driving the Evolution of Reproductive Proteins in <i>Drosophila</i>	Noor, Mohamed A.

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Candice Chavez	California State University-San Bernardino	Psychology	Top-down Modulation by Medical Prefrontal Cortex of Basal Forebrain Activation of Auditory Cortex During Learning	Butt, Allen E.
Peggy Chen	Pennsylvania State University	Psychology	Orienting Visual Attention in Space	Mordkoff, J. T.
Laura Christianson	Kansas State University	Engineering	Assessing the Use of Poplars for Hydraulically Controlling a Groundwater Plume	Hutchinson, Stacy L.
Heidy Contreras	University of California-Irvine	Physiology/ Functional Morphology	The Persistence of Discontinuous Respiration in the Genus <i>Gerris</i> : The role of Water Conservation on Respiratory Patterns	Bradley, Timothy J.
Kevin Cormier	Saint Louis University	Chemistry	Improved Catalysts for Alkene Hydroamination	Lewis, Michael A.
Ricardo Covarrubias	University of Washington	Physics/ Astronomy	Does Metallicity Affect the Fate of Massive Stars?	Dalcanton, Julianne
Jeff Cummings	Indiana University Bloomington	Physics/ Astronomy	Lithium Abundance Of NGC 6253 - The Most Metal-Rich Open Cluster	Deliyannis, Constantine P.
Brian Danysh	University of Delaware	Physiology/ Functional Morphology	Characterization of Diffusion Coefficients of Molecules in the Lens Capsule	Duncan, Melinda K.
Kevin Dean	Willamette University	Chemistry	Understanding Solubility: The Equilibrium Phase Diagram for the Binary Liquid System 3-Butyn-2-one / Water	Williamson, J. C.
Rebecca Deason	University of Minnesota, Twin Cities	Psychology	Examination of Potential Differential Timing of Repetition-priming and Anti-priming Effects	Marsolek, Chad J.
Dawn Delo	Wake Forest University School of Medicine	Cell Biology/ Biochemistry	Cardiac Tissue Regeneration using Amniotic Fluid Derived Stem Cells	Atala, Anthony J.
Jodi Den Uyl	Grand Valley State University	Behavioral Ecology	Analysis of Microbial Assemblages in Mated Tree Swallows using Denaturing Gradient Gel Electrophoresis	Thorpe, Patrick A.
Alice Dennis	Louisiana State University-Baton Rouge	Ecology	Cold Tolerance and Cryptic Species in <i>Melampus bidentatus</i>	Hellberg, Michael E.
Jillian Detwiler	Purdue University-West Lafayette	Ecology	Population re-structuring in Complex Life Cycles: The Effects of Intermediate Host Specificity and Vagility on Parasite Transmission Dynamics	Minchella, Dennis J.
Roseline Devariste	University of Louisiana at Lafayette	Physiology/ Functional Morphology	Are Elicitor Proteins Responsible for Necrosis and Lesions During Witches' Broom Disease?	Hasenstein, Karl H.
Kathryn Devine	University of Wisconsin-Madison	Physics/ Astronomy	Ammonia and CCS Studies of GLIMPSE Infrared Dark Clouds	Churchwell, Ed B.

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Samuel Diaz-Munoz	University of California-Berkeley	Behavioral Ecology	Genetic Test of Adaptive Benefits of Cooperative Male Parental Care in Tamarins	Lacey, Eileen A.
Molly Dickens	Tufts University	Conservation Biology	Does Stress Compromise Translocation and Reintroduction Efforts?	Romero, L. M.
Kimberly Dienes	University of California-Los Angeles	Psychology	The Stress Response of Depressed and At-Risk Individuals	Hammen, Constance L.
Michael Dixon	University of Minnesota Duluth	Ecology	Potential Local Adaptation of a tumbling flower beetle across the prairie/forest boundary	Craig, Timothy P.
Stacey Dunn	University of Idaho	Behavioral Ecology	Inbreeding in the National Bison Range, Montana Pronghorn Population	Byers, John A.
Timothy Dwyer	Northeastern University	Ecology	The Role of Genetic Diversity in Marine Community Resistance to Biological Invasions	Trussell, Geoffrey C.
Matthew Ellison	Mississippi State University	Physiology/ Functional Morphology	<i>Pseudomonas aeruginosa</i> Outer Membrane Properties Associated with Intrinsic Triclosan Resistance	Champlin, Franklin R.
Quinn Emmering	Texas Tech University	Behavioral Ecology	Do Songbirds use Proximate Cues to Avoid Predators in Space?	Schmidt, Kenneth A.
Sally Entrekinn	University of Notre Dame	Ecology	Food Web Dynamics of Macroinvertebrate Communities in Historically Logged, Headwater Streams in the Upper Peninsula of Michigan	Lamberti, Gary A.
Brittany Enzmann	University of California-Los Angeles	Behavioral Ecology	Queen Investment and Implications for Colony Founding Strategies in Harvester Ants (genus <i>Pogonomyrmex</i> )	Nonacs, Peter N.
Jorge Esquivel	Appalachian State University	Ecology	Chytrids vs Amphibians: Emerging Disease or History of Natural Selection?	Tuberty, Shea R.
Ron Eytan	Louisiana State University-Baton Rouge	Systematics/ Evolutionary Biology	Phylogenetic Analysis of Microhabitat Differentiation and Metabolic Rate in the Reef Fish Genus <i>Acanthemblemaria</i>	Hellberg, Michael E.
Leigh Fall	Texas A&M University-College Station	Paleontology/ Sedimentation	The Role of Local and Regional Processes on Diversity of Fossil Communities	Olszewski, Thomas D.
Matthew Fariss	University of North Carolina-Chapel Hill	Anthropology	Archaeological Survey of the Upper Moche Valley, Peru	Billman, Brian R.
Samuel Fasulo	Georgia State University	Psychology	Complex Trauma Exposure and Psychological Distress in Incarcerated Juvenile Offenders	Jurkovic, Gregory J.
Justin Ferrentino	University of New Hampshire	Engineering	Microalgal Oil Extraction and In-situ Transesterification	Farag, Ihab H.
Krista Fish	University of Colorado at Boulder	Anthropology	The Community Ecology of Sympatric Nocturnal Primates and Bats: Understanding Dietary Niche Separation at the Blyde River Canyon Nature Reserve, South Africa	Sauther, Michelle L.

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Tiffany Fisher	Wake Forest University School of Medicine	Physiology/ Functional Morphology	Thalamic Integration of Synaptic Input	Godwin, Dwayne W.
Amelia Fort	St. Mary's College of Maryland	Behavioral Ecology	The Function of Bioluminescence in the Ctenophore <i>Mnemiopsis leidyi</i> : a Test of the "burglar-alarm" Hypothesis	Tanner, Christopher E.
Caroline Fortunato	American University	Ecology	Assessing Biogeochemical Processes of A Freshwater Tidal Estuary through Microbial and Nutrient Composition	Bushaw-Newton, Karen L.
Andrew Foster	University of North Carolina at Chapel Hill	Physics/ Astronomy	The Rise of Skynet: UNC-Chapel Hill's Global Robotic Telescope Network	Reichart, Daniel E.
Michael Frank	Massachusetts Institute of Technology	Psychology	Learning Words to Talk about the World: linguistic Representations Underlying Word Segmentation and Word Learning	Gibson, Edward
Jedediah Frechette	University of New Mexico	Hydrology/ Geomorphology	Geomorphic Response to Fire and Climate Change in Ponderosa Pine Forests, Sacramento Mountains, NM	Meyer, Grant A.
Sheena Friend	Virginia Polytechnic Institute and State University	Systematics/ Evolutionary Biology	Evolution of Major Peanut Allergen Arah2	Hilu, Khidir W.
Andrew Froehle	University of California-San Diego	Anthropology	Energy Expenditure in Postmenopausal Forager Women: An Experimental Model Based on North American Women	Schoeninger, Margaret J.
Ana Gabela	University of Massachusetts Amherst	Ecology	Site Fidelity and Human Impact on the Medium Ground Finch ( <i>Geospiza foris</i> ) on Santa Cruz, Galápagos Islands	Podos, Jeffrey
Susan Glover	University of California-Davis	Anthropology	Resource Extraction Economics of a Boom Town, Gothic Colorado 1878-1900.	Winterhalder, Bruce P.
Ravi Goyal	University of Mississippi	Physiology/ Functional Morphology	Developmental Regulation of Serotonin Signaling in Ovine Pulmonary Arteries	Wilson, Sean M.
Katherine Grillo	Washington University in St. Louis	Anthropology	A Report on the Ceramics from Guli Waabayo: Subsistence, Mobility, and Material Culture in Prehistoric Southern Somalia	Marshall, Fiona B.
David Haak	University of Washington	Systematics/ Evolutionary Biology	Evolution of a Spice	Tewksbury, Joshua J.
Joshua Haislip	University of North Carolina at Chapel Hill	Physics/ Astronomy	Gamma Ray Bursts: Probing the Early Universe	Reichart, Daniel E.
Jo Halliday	University of Edinburgh	Ecology	Carnivores as Sentinels of Emerging and Resurging Human Diseases in East Africa	Cleaveland, Sarah

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Brian Hart	University of California-Irvine	Physics/ Astronomy	Cosmology Constraints from a Unified Picture of Galaxy Cluster Dynamical State and its Evolution	Buote, David
Benjamin Harter	University of Manitoba	Ecology	Where's the Beef?: Effects of Global Warming and Arctic Pack Ice Retreat on the Breeding Success of a Marine Top Predator, the Black Guillemot ( <i>Cephus grylle</i> )	Davoren, Gail K.
Jessica Hedgepeth	University of Colorado at Boulder	Anthropology	The Late Classic Collapse at Rio Viejo, Oaxaca: Commoner Economic Response	Joyce, Arthur A.
Helene Hegaret	University of Connecticut	Ecology	Investigation of the Role of the Hemocytes in the Harmful Algae-bivalve Mollusc Trophic Interaction	Shumway, Sandra E.
Kevin Heng	University of Colorado at Boulder	Physics/ Astronomy	The Vanishing Shock Emission in Supernova Remnant 1987A?	McCray, Richard A.
Susan Herrick	University of Connecticut	Behavioral Ecology	Behavioral Interactions Among Breeding Male Bullfrogs ( <i>Rana catesbeiana</i> ) and Green Frogs ( <i>Rana clamitans</i> ) at Different Spatial and Temporal Scales	Wells, Kentwood D.
Heather Heuser	University of Washington	Petrology/ Geochemistry	Holocene Climatic Variability Based on the Isotopic Analysis of Diatoms in Lake Sediment from East Greenland	Sletten, Ronald S.
Christian Holzner	State University of New York at Stony Brook	Physics/ Astronomy	Confronting a Trio of Neutrino Puzzles	Goldhaber, Alfred S.
Erik Hosler	Susquehanna University	Chemistry	Synthesis and Evaluation of Heteroscorpionate Tungsten Complexes Separated by Bridging Ligands	Chohan, Balwant S.
Christopher Howey	University of Central Arkansas	Ecology	Sex-based Differences in Habitat Selection in a Turtle Species that does not use Aerial Basking to Thermoregulate: Implications for Reproduction	Dinkelacker, Stephen A.
Johannes Hubmayr	University of Minnesota, Twin Cities	Physics/ Astronomy	Sensitivity of EBEX Detectors	Hanany, Shaul
Jill Jankowski	University of Florida	Ecology	Interspecific Territoriality and Habitat Specialization as Potential Mechanisms for Avian Species Replacements along Tropical Altitudinal Gradients	Robinson, Scott K.
Micah Jessup	Virginia Polytechnic Institute and State University	Tectonics/ Geophysics	Detailed Thermobarometric Analysis of the Top of the Greater Himalayan Slab, Everest Massif, Nepal: Implications for Testing Channel Flow Models	Law, Richard D.
Kerry Jordan	Duke University	Psychology	Attentional Effects of Video Game Playing: Purely Visual or Multisensory Causes and Effects?	Mitroff, Stephen

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JaNae Joyner	Wake Forest University School of Medicine	Physiology/ Functional Morphology	Role of the Novel Angiotensin [Ang-(1-7)] in Volume Regulation in Pregnancy	Brosnihan, K. B.
Karen Kapheim	University of California-Los Angeles	Behavioral Ecology	The Evolution of Cooperation and Social Correlates of Individual Recognition	Nonacs, Peter N.
Ken Keefover-Ring	University of Colorado at Boulder	Ecology	The Interaction Between Herbivory and Pollination in <i>Monarda Fistulosa</i>	Linhart, Yan
Lynna Kiere	University of Maryland, Baltimore County	Behavioral Ecology	Exploring Female Coloration in Streak-Backed Orioles: Variation, Behavior, and Evolution	Omland, Kevin E.
Maia Kiladze	I. Beritashvili Institute of Physiology	Physiology/ Functional Morphology	The Morphologic Changes of Structural Elements of Rat Hippocampus Provoked by Experimental Temporal Lobe Epilepsy	Japaridze, Nadezhda
Amy Kilbarger	University of North Carolina at Greensboro	Cell Biology/ Biochemistry	The Effect of Iron Excess on Osteoblast Phenotypic Development	Kipp, Deborah
Karah Knope	George Washington University	Chemistry	Synthesis of Lanthanide Oxalates via In-Situ Ligand Formation: Decarboxylation, Organic Oxidation, and the Reductive Coupling of Adventitious Carbon Dioxide	Cahill, Christopher
Jesse Koch	University of Iowa	Paleontology/ Sedimentation	Sequence Stratigraphy and Facies Analyses of the Lower Dakota Formation, Southeast Nebraska	Brenner, Robert L.
Stacy Kozakavich	University of California-Berkeley	Anthropology	Archaeology and History of Advance, Tent-Village of the Kaweah Co-operative Colony, ca. 1886-1892.	Wilkie, Laurie A.
Andrew Kramer	Michigan State University	Ecology	Limitations to Recovery of <i>Hesperodiaptomus Shoshone</i> after Exotic Fish Eradication: a Multi-lake Test of the Allee Effect	Sarnelle, Orlando
Anthony Kramer	University of Cincinnati	Paleontology/ Sedimentation	Characterization of a New Cambrian Lagerstätte: a New Non-Uniformitarian Biofacies	Brett, Carlton E.
Mark Laidre	Princeton University	Behavioral Ecology	Vulnerability and the Evolution of Honest Signaling	Altmann, Jeanne
Penelope Lancaster	University of Wisconsin-Madison	Petrology/ Geochemistry	Granitoid Genesis in the South-eastern Adirondack Highlands, New York	Valley, John W.
Andrew Lee	University of California-Berkeley	Systematics/ Evolutionary Biology	Evolution of Quadrupedality in Dinosaurs and the Ontogenetic and Mechanical Implications on Limb Bone Histology	Padian, Kevin
Daniel Lee	Johns Hopkins University School of Medicine	Cell Biology/ Biochemistry	Molecular Basis of Cell Fate Specification in the Mammalian Hypothalamus	Blackshaw, Seth
Claudia Leonardi	Louisiana State University-Baton Rouge	Computer Science/ Mathematics	Evaluation of Mathematical Processes and Calibration Statistics on Diode Arrays Generated Data	Geaghan, James P.

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Iris Levin	University of Missouri-St. Louis	Ecology	Effects of host sociality on parasite prevalence and intensity in Great Frigatebirds ( <i>Fregata minor</i> ) on Isla Genovesa, Galapagos	Parker, Patricia G.
Naomi Levin	University of Utah	Paleontology/ Sedimentation	An Isotopic Study of East African Paleoridity in the Pliocene and Pleistocene	Cerling, Thure E.
Nicholas Levsen	University of Kansas	Systematics/ Evolutionary Biology	Systematics and Historical Biogeography of the Alternifolium Group of the Flowering Plant Genus <i>Chrysosplenium</i> ( <i>Saxifragaceae</i> )	Mort, Mark E.
Kristi Lewton	Arizona State University	Physiology/ Functional Morphology	Biomechanical Analysis of Strain in the Primate Pelvis	Spencer, Mark
Peter Lippert	University of California-Santa Cruz	Tectonics/ Geophysics	Paleogene Elevation in North Central Tibet: Testing Models for Growth of the Tibetan Plateau	Coe, Robert S.
Ana Londono	University of Cincinnati	Hydrology/ Geomorphology	Erosion Evolution in Arid Environments Derived from the Study of Pre-Columbian Agricultural Terraces in Southern Peru	Nash, David B.
Adam Lowe	Salisbury University	Cell Biology/ Biochemistry	Docosahexenoic Acid and the Metastatic Capacity of Murine Melanoma Cells	Williams, Ellis E.
Lucia Luna-Wong	University of Michigan-Ann Arbor	Systematics/ Evolutionary Biology	Why are the Andes so Diverse? Testing Models of Speciation and Morphological Diversity	Myers, Philip
Zarin Machanda	Harvard University	Anthropology	The Effect of Male Presence on Female Feeding Efficiency Among the Chimpanzees of the Budongo Forest, Uganda	Wrangham, Richard W.
Noelle Machnicki	University of Washington	Ecology	The Unseen Role of Fungal Pathogens in Driving Biodiversity	Tewksbury, Joshua J.
James Mallen	Wartburg College	Physiology/ Functional Morphology	Gender Differences in the Effects of Nicotine on Spatial Learning, Memory, and Neurogenesis in Aged Adult Rats	Melville, John M.
Siddharth Malu	University of Wisconsin-Madison	Physics/ Astronomy	Characterizing Beam Patterns of Antennas in the 75-110 GHz Band for a Novel Interferometer - the MBI	Timbie, Peter T.
Amanda Malueg	Virginia Polytechnic Institute and State University	Behavioral Ecology	Investigation of Physiological Mechanisms for Reproductive Suppression of Helpers in a Cooperatively Breeding Species	Moore, Ignacio T.
Sara Margolin	University of Florida	Psychology	Comprehension of Negation in Aging: An Assessment of Inhibition Difficulties	Abrams, Lise
Cassandra Martin	University of Nebraska at Lincoln	Behavioral Ecology	Association Costs in the Female Field Cricket, <i>Gryllus lineaticeps</i>	Wagner, William E.

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Ivan Mateo	University of Rhode Island	Conservation Biology	Assessing Connectivity and Essential Fish Habitat for Reef Fish in Mangrove and Seagrass Environments Using otolith Microchemistry	Durbin, Edward G.
Alana May	University of Alabama at Tuscaloosa	Physics/ Astronomy	How Large is Too Large?: the Black Hole Upper Mass Limit	Keel, William C.
Terrence McCloskey	Louisiana State University-Baton Rouge	Paleontology/ Sedimentation	Proxy Hurricane Records for the Western and Southern Caribbean	Liu, Kam-biu
John McCormack	University of California-Los Angeles	Behavioral Ecology	Is Blue Egg Color a Sexually Selected Trait in Mexican Jays?	Smith, Thomas B.
Michael McGlue	University of Arizona	Paleontology/ Sedimentation	The Modern Sedimentology of Andean Foreland Basin Lakes: Keys to Understanding Lacustrine Deposits in Ancient Foreland Basins	Cohen, Andrew S.
Corin McLean	Harvard University	Anthropology	Why Red Colobus: Exploring Arboreal Behaviors in Colobines That May Impact Chimp Hunting Preferences	Wrangham, Richard W.
Viola Meadors	Tennessee Technological University	Chemistry	Extraction of Cesium by Various Functionalized Calix[4]arene-Crown-6 Ethers	Ensor, Dale D.
Melissa Meadows	Arizona State University	Behavioral Ecology	Iridescent Structural Coloration as a Status Signal in Anna's Hummingbird ( <i>Calypte anna</i> )	McGraw, Kevin J.
Noha Mesbah	University of Georgia	Cell Biology/ Biochemistry	Energy Conservation and Bioenergetic Parameters in a Novel Group of Extremophiles, the Halophilic Alkalithermophiles	Wiegel, Juergen K.
Brandon Mijal	Western Washington University	Hydrology/ Geomorphology	Holocene Glaciation in the Sawtooth Mountains, Central Idaho	Clark, Douglas H.
Meridith Mikulich	Georgetown University	Physiology/ Functional Morphology	Pax3 and Pax7 Protein Expression and Localization in Skeletal Muscle after Injury to the Peripheral and Central Nervous System	Hyatt, Jon-Philippe K.
Michael Milligan	University of Minnesota, Twin Cities	Physics/ Astronomy	Broadband Millimeter Wavelength Anti-Reflection Technology for Observational Cosmology	Hanany, Shaul
Shahnewaz Mohammad	University of Nevada, Reno	Petrology/ Geochemistry	Arsenic-sulfide Oxidation: Kinetics and Reaction Mechanism Using Mixed Flow Reactor and Surface Microscopic Experiments	Tempel, Regina N.
Doris Molina	Wake Forest University School of Medicine	Cell Biology/ Biochemistry	The Effect of Age and Growth Hormone/Insulin-like Growth Factor Axis on Glutamate Receptor Subunit Levels	Brunso-Bechtold, Judy K.
Nathan Morehouse	Arizona State University	Systematics/ Evolutionary Biology	Nitrogen Limitation and Sexually Dimorphic Pterin Pigmentation in a Pierid Butterfly	Rutowski, Ronald L.

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Noah Morgan	Wayne State University	Cell Biology/ Biochemistry	Caldesmon Control of Microvascular Tone Following Traumatic Brain Injury	Kreipke, Christian W.
Jennifer Mortensen	Villanova University	Conservation Biology	Effects of habitat loss on social ecology and reproduction of the endangered White-breasted Thrasher ( <i>Ramphocinclus brachyurus</i> )	Curry, Robert L.
Heather Mostman-Liwanag	University of California-Santa Cruz	Physiology/ Functional Morphology	Thermal Limitations of Northern Fur Seals ( <i>Callorhinus ursinus</i> ): A Comparative Study with California Sea Lions ( <i>Zalophus californianus</i> )	Williams, Terrie M.
Niraj Muni	University of Illinois at Chicago	Engineering	Light-regulated GABA <sub>A</sub> receptors	Pepperberg, David R.
Cheyenne Munson	University of Iowa	Psychology	Acoustic Cues for Anticipation in Speech Perception	McMurray, Bob
Luciano Naka	Louisiana State University-Baton Rouge	Systematics/ Evolutionary Biology	Diversification Processes Inferred from Avian Suture Zones and Areas of Contact in an Interfluvium in Northwestern Amazonia	Brumfield, Robb T.
Lis Nelis	University of Chicago	Ecology	Synergistic Interactions Between Invasive Species	Wootton, John T.
Megan Nelson	Swarthmore College	Systematics/ Evolutionary Biology	BMP7 and the Evolution of the Diastataxic Avian Wing	Prum, Richard O.
Martin Nunez	University of Tennessee-Knoxville	Ecology	The Role of Mycorrhizal Fungi in Pinaceae Invasion on Isla Victoria, Nahuel Huapi National Park, Argentina	Simberloff, Daniel
Kara Nuss	University of Chicago	Behavioral Ecology	The Function of Introductory Copulations in Captive Goeldi's Monkeys	Margulis, Susan W.
Chika Nwugo	Miami University Ohio	Cell Biology/ Biochemistry	A Proteomic Study on the Molecular Roles of Silicon Nutrition in Cadmium Tolerance of Rice ( <i>Oryza sativa</i> L.)	Huerta, Alfredo J.
Brad Oberle	Washington University in St. Louis	Systematics/ Evolutionary Biology	Inferring the History of Adaptation to Climate from the Diversity and Distribution of Dodecatheon ( <i>Primulaceae</i> )	Schaal, Barbara A.
Julie Oestreich	University of Kentucky	Physiology/ Functional Morphology	The Effects of P2Y <sub>12</sub> Polymorphisms on Platelet Receptor Density and Activation	Akers, Wendell S.
Joy O'Keefe	Clemson University	Conservation Biology	Multi-scale Foraging Habitat Selection by Bats in the Southern Appalachian Mountains	Loeb, Susan C.
Caley Orr	Arizona State University	Anthropology	Three-dimensional Morphometrics and Kinematics of the Anthropoid Wrist and the Evolution of Knuckle-walking	Marzke, Mary W.
Jeffrey Overton	University of North Carolina at Wilmington	Physiology/ Functional Morphology	Diffusive Constraints on Aerobic Metabolic Flux in Muscle	Kinsey, Stephen T.

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Ryan Paitz	Illinois State University	Physiology/ Functional Morphology	Putative Role for the Brain in Temperature-dependent Sex Determination	Bowden, Rachel M.
Maria Palacios	Iowa State University	Behavioral Ecology	Effect of Age on the Trade-off between Reproductive Effort and Immune Function in Tree Swallows <i>Tachycineta Bicolor</i>	Vleck, Carol M.
Niv Palgi	Ben-Gurion University of the Negev	Physiology/ Functional Morphology	Is Digestion of Dietary Oxalate in Fat Sand Rat Guts by Symbiotic Bacteria Reduced by Increased Calcium Intake?	Pinshow, Berry
Siddhartha Pathak	Drexel University	Engineering	Measuring Local Properties by Nanoindentation Using a Tapered Flat Punch Indenter	Kalidindi, Surya R.
Jennifer Patterson	University of Washington	Engineering	Controlled Release of Osteoprotegerin from Hydrogel Scaffolds for Bone Regeneration	Stayton, Patrick S.
Stephen Patterson	University of Texas at Austin	Systematics/ Evolutionary Biology	Life-History Tradeoffs and the Evolution of the Acute Stress Response	Breuner, Creagh W.
Ambarish Pawar	University of Illinois at Chicago	Engineering	Retinal Signal Processing Studied by Ganglion Cell and Electroretinographic Recording	Pepperberg, David R.
Robin Pelc	University of California-Santa Barbara	Ecology	Production and Dispersal of a Harvested Mussel in South African Marine Reserves	Warner, Robert R.
Carlye Peterson	California State University-Long Beach	Paleontology/ Sedimentation	Biogenic Silica as a Climatic Proxy for Monsoon Intensity in Vietnam Over the Last 1200 Years	Stevens, Lora R.
Anna Ploshnitsa	Lomonosov Moscow State University	Conservation Biology	Changes in the Genetic Diversity of the Endangered Mednyi Island Arctic Fox Population ( <i>Alopex lagopus semenovi</i> Ognev 1931) Passed through a 'Bottleneck'	Goltsman, Mikhail E.
Christopher Podlesnik	Utah State University	Psychology	The Effects of Naltrexone on the Resurgence of Alcohol Self-administration in Rats: A Novel Animal Model of Relapse	Shahan, Timothy A.
Nelida Pohl	University of California-Irvine	Behavioral Ecology	Blue Opsin Gene-mediated Blue Color Vision in <i>Lycaena</i> Butterflies	Briscoe, Adriana D.
Brian Poller	University of Colorado at Boulder	Physics/ Astronomy	The Resolution of Sun Occluding Space Debris	Culp, Robert D.
Stephaney Puchalski	Indiana University Bloomington	Paleontology/ Sedimentation	Investigation of the Ultrastructural Basis of Taphonomic Biases Against Preservation of Polyplacophorans	Johnson, Claudia C.
Ali Rabatsky	University of Louisiana at Lafayette	Systematics/ Evolutionary Biology	Evolutionary Vestigialization of Complex Features using a Rattlesnake Model	Moon, Brad R.
Erica Raber	Miami University Ohio	Physics/ Astronomy	A Novel Cellular High Pressure Imaging Chamber	Urayama, Paul K.

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Melissa Raguet-Schofield	University of Illinois at Urbana-Champaign	Anthropology	Feeding Behavior and the Evolution of Extended Juvenility in Primates	Leigh, Steven R.
Julie Ray	Old Dominion University	Ecology	Effects of Amphibian Decline on the Trophic Ecology of Mollusk-Eating Snakes	Savitzky, Alan H.
Sadie Reed	Kent State University	Ecology	The Maintenance of Androdioecy via Metapopulation Dynamics in the Clam Shrimp <i>Eulimnadia feriensis</i>	Weeks, Stephen C.
Britt Reichborn-Kjennerud	Columbia University	Physics/ Astronomy	ACS Development to Map the Polarization of the Cosmic Microwave Background Using EBEX	Blaer, Allan S.
Michelle Rensel	University of Memphis	Physiology/ Functional Morphology	Food Supplementation, Hatching Asynchrony, and Nutritional Status of Florida Scrub-Jay ( <i>Aphelocoma coerulescens</i> ) Nestlings	Schoech, Stephan J.
Julie Retrum	University of Kansas	Petrology/ Geochemistry	A Paleoclimatic and Paleohydrologic Reconstruction of Pleistocene Fossil Lake, Oregon Using Faunal Assemblages and Stable Isotope Analyses	Gonzalez, Luis A.
Lori Riggleman	Western Washington University	Paleontology/ Sedimentation	Evidence for Paleotsunamis in Northern Puget Sound, Washington State, USA	Suczek, Christopher A.
Ashley Rivenbark	University of North Carolina at Chapel Hill	Cell Biology/ Biochemistry	Characterization of DNA Sequence Elements That Direct CpG Methylation of Breast Cancer Tumor Suppressor Genes	Coleman, William B.
Ian Roederer	University of Texas at Austin	Physics/ Astronomy	Isotopic Abundances of Neutron-Capture Elements in Metal-Poor Stars	Snedden, Christopher
Rok Roskar	University of Washington	Physics/ Astronomy	Supercomputing Simulations of Disk Galaxy Truncation	Quinn, Thomas R.
Craig Rudick	Case Western Reserve University	Physics/ Astronomy	Multi-filter Photometric Imaging of the ICL in the Core of the Virgo Cluster	Mihos, Chris
Yoriko Saeki	University of Kentucky	Ecology	Brood Determination of the Polyembryonic Parasitoid, <i>Copidosoma bakeri</i> (Howard)	Crowley, Philip H.
Paul Sanford	University of South Florida	Paleontology/ Sedimentation	Age Estimation and Stratigraphic Resolution of Florida's Plio-Pleistocene Shell Beds Using Amino Acid Racemization Rates in Fossil Mollusks	Oches, Eric A.
Thomas Sanger	Washington University in St. Louis	Systematics/ Evolutionary Biology	Developmental Bases of Anolis Limb Length Variation	Gibson-Brown, Jeremy J.
Erin Schirtzinger	New Mexico State University	Systematics/ Evolutionary Biology	Assessing Temporal Concordance of Parrot Radiations in the New World: A Species-level Phylogeny of Neotropical Psittaciformes	Wright, Timothy F.
Martha Sedabres	Saint Louis University	Chemistry	A Thermodynamic Study of Naturally Occurring 2x2 Loops in RNA	Znosko, Brent M.

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Jian Shen	University of California-San Diego	Chemistry	Interfacial Bonding Structure and Kinetic Mechanism of the High-K on III-V Compound Semiconductor	Kummel, Andrew C.
Chihiro Shibata	Southern Illinois University-Carbondale	Anthropology	Male-Female Interactions in Captive Cotton-top Tamarins ( <i>Saguinus oedipus</i> )	Ford, Susan M.
Ben Shields	University of North Carolina at Chapel Hill	Anthropology	Deconstructing Time-Progressive Models of Prehistoric Warfare in the Southeastern United States	Hutchinson, Dale L.
Robert Singleton	Louisiana State University-Baton Rouge	Chemistry	Nanoparticle Synthesis	Warner, Isiah M.
Mohit Sirohi	Widener University	Cell Biology/ Biochemistry	Isolation and Characterization of Parvalbumin Isoforms in Sheepshead and Rainbow Trout	Bastin, Loyd
Mahadevabharath Somayaji	University of Illinois at Chicago	Engineering	A Computational Approach for Investigating Intracranial Dynamics in Humans based on a Patient Specific Approach	Linninger, Andreas
Genevieve Spanjer	University of Maryland, College Park	Behavioral Ecology	An Investigation of Social Learning & Decision-making while Foraging in the Short-tailed Fruit Bat, <i>Carollia perspicillata</i>	Moss, Cynthia F.
Charles Speal	Pennsylvania State University	Anthropology	The Biological Impacts of Expanding Cultural Systems: Roman Imperialism, Incipient Urbanism, and Skeletal Biology in Contexts of Increasing Social Complexity	Snow, Dean R.
Megan Stallman	St Mary's College of Maryland	Behavioral Ecology	An Investigation of the Response of a Population of Red-winged Blackbirds ( <i>Agelaius phoeniceus</i> ) to Variable Songs from Foreign Populations	Price, John J.
Michael Stastny	Cornell University	Ecology	Local Community Structure of Related Plant Species via Direct and Indirect Ecological Interactions	Agrawal, Anurag
Adam Stein	Syracuse University	Systematics/ Evolutionary Biology	Plumage Evolution in Bearded Manakins	Uy, J. Albert C.
Katharine Stuble	University of Georgia	Ecology	Impacts of <i>Solenopsis Invicta</i> on Seed Dispersal in the Longleaf Pine Ecosystem	Wyatt, Robert E.
Varun Swamy	Duke University	Conservation Biology	Examining the Insidious Effects of Hunting in Disrupting the Critical Role of Animals in the Perpetuation of Tropical Rainforests	Terborgh, John W.
Benjamin Swanson	University of New Mexico	Hydrology/ Geomorphology	Impact of Holocene Sediment Dynamics and Historical Dam Construction on the Rio Chama, New Mexico: Implications for River Management	Meyer, Grant A.

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Suzanne Tank	Simon Fraser University	Ecology	The Effect of Landscape-level Variation of Dissolved Organic Carbon on Food Web Structure in Mackenzie Delta Lakes	Lesack, Lance
Kishore Tenneti	Drexel University	Engineering	Phase Structures of Hierarchically Self Assembled Liquid Crystalline Rod-Coil Block Copolymers with Bent-Core Mesogens	Li, Christopher Y.
Maria Thaker	Indiana State University	Physiology/ Functional Morphology	Maternal Stress and Dynamics of Alternative Reproductive Tactics in Male Offspring	Hews, Diana K.
Kevin Theis	Michigan State University	Behavioral Ecology	A Bacterial Mechanism for Group-specific Odors in Mammals	Holekamp, Kay E.
Robert Thigpen	Appalachian State University	Conservation Biology	Stable Isotope Analysis of Commercially Important Marine Invertebrates from Belize	Creed, Robert
Pavani Thotakura	University of North Carolina at Chapel Hill	Cell Biology/ Biochemistry	Yes-associated Protein 65 kDa (YAP) and Heterogeneous Nuclear Ribonuclear Protein U (hnRNP U): A Possible Transcriptional Complex?	Milgram, Sharon L.
Erica Torner	California State University-San Bernardino	Psychology	Basal Forebrain Involvement in Pavlovian Conditioning: An Animal Model of Alzheimer's Disease	Butt, Allen E.
Melissa Toups	University of Florida	Systematics/ Evolutionary Biology	Using Pthirus pubis as a Marker for Human Evolutionary History	Reed, David L.
Adam Trotter	University of North Carolina at Chapel Hill	Physics/ Astronomy	Observations and Modeling of Gamma-Ray Burst Afterglows in the Blue	Reichart, Daniel E.
Dunja Trunk	University of Florida	Psychology	Effects of Task Instructions on Off-Topic Verbosity in Young and Older Adults	Abrams, Lise
Yi-Hsin Tsai	Duke University	Systematics/ Evolutionary Biology	The Invasion and Population Dynamics of the Parasitic Plant, <i>Epifagus virginiana</i>	Manos, Paul
Rebecca Urban	State University of New York at Binghamton	Ecology	Can the Presence of an Invasive Species Alter Lake Chemistry due to Suppression of a Native Macrophyte?	Titus, John E.
Alyson Urian	University of North Florida	Ecology	Potential for Range Expansion of the Invasive Green Mussel, <i>Perna viridis</i> : Reproductive Cycle and Larval Dispersal from a Point Source in St. Augustine, FL	Smith, Kelly J.
Stephanie van Veen	Cornell University	Cell Biology/ Biochemistry	Effects of High Progesterone on Avian Sex Chromosome Segregation During the Sex-determining Division of Meiosis	Adkins-Regan, Elizabeth
Frank Varriale	Johns Hopkins University School of Medicine	Paleontology/ Sedimentation	Testing for Dinosaur-Angiosperm Coevolutionary Relationships with an Analysis of Marginocephalian Dental Microwear and Jaw Morphology	Weishampel, David B.

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Siddarth Venkatesh	Auburn University	Engineering	Biomimetic Therapeutic Contact Lenses For The Enhanced Loading And Extended Release Of Ocular Therapeutics	Byrne, Mark E.
Shanil Virani	Yale University	Physics/ Astronomy	Supermassive Black Holes at High Energy and High Redshift: Testing the AGN Unification Paradigm	Urry, Claudia M.
Jamie Wagner	Florida Institute of Technology	Behavioral Ecology	Habitat Alteration and Its Affect on Predator-Prey Interactions of the Invasive Pike Killifish and the Native Mosquitofish	Turingan, Ralph G.
Yun Wang	Washington University in St. Louis	Physics/ Astronomy	Extraordinary Electroconductance in In-GaAs Metal-semiconductor Hybrid Structures	Solin, Stuart A.
Tammy Watkins	University of Georgia	Anthropology	Children's Subsistence Contributions to Pastoral Households in the Drylands of East Africa	Tucker, Bram T.
Jennifer Weber	East Carolina University	Systematics/ Evolutionary Biology	Selfng-Induced Flower Senescence: An Unrecognized Mode of Pollen Discounting	Goodwillie, Carol
Karl Wegmann	Lehigh University	Tectonics/ Geophysics	Broadband Geodesy, Great Earthquakes, and Vertical Tectonics of the Hellenic Subduction Zone, Crete, Greece	Pazzaglia, Frank J.
Mario Weick	University of Kent at Canterbury	Psychology	The Effects of Power on Knowledge Accessibility within a Person x Situation Framework	Guinote, Ana
Zachary Weil	Ohio State University	Physiology/ Functional Morphology	Photoperiodic Regulation of Experimental Autoimmune Encephalomyelitis	Nelson, Randy J.
Christie Wilcox	Eckerd College	Ecology	Effect of Fiddler Crabs on Mangrove Seedling Growth in Cockroach Bay, Florida	Smith, Nancy F.
Becky Williams	University of California-Berkeley	Behavioral Ecology	Chemical Defense from Predation in Hatchlings of the Blue Ringed Octopus <i>Hapalochlaena lunulata</i>	Caldwell, Roy L.
Jason Williams	State University of New York at Syracuse	Behavioral Ecology	Phototactic Swimming and Diel Horizontal Migration by Zooplankton	Schulz, Kimberly L.
Stuart Willis	University of Nebraska at Lincoln	Systematics/ Evolutionary Biology	Historical Biogeography of Neotropical Fishes from the Orinoco and Essequibo River Basins	Orti, Guillermo
Emily Wisseman	University of Illinois at Urbana-Champaign	Cell Biology/ Biochemistry	The Impact of Environmental Changes on Microbial Communities Present in Coral Reefs	Fouke, Bruce W.
Debra Woodall	Florida Institute of Technology	Petrology/ Geochemistry	The Role of Mineral Suspended Solds in the Photochemical Cycling of Carbon Associated with CDOM	Trefry, John H.

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Chrissa Wright	State University of New York at Plattsburgh	Cell Biology/ Biochemistry	Structural and Functional Analysis of the Hemoglobin Encoding Gene in <i>Paramecium tetraurelia</i>	Elwess, Nancy L.
Binfeng Xia	University of South Carolina	Chemistry	Pharmacokinetics of a Novel Antihypertensive Agent MS23 i.v. in Rats	Fox, Laura M.
Patrick Yamnik	University of Mississippi	Behavioral Ecology	Factors Affecting Natal Dispersal in Two Species of Ambystoma	Buchholz, Richard
Weiguo Yao	Indiana University School of Medicine	Cell Biology/ Biochemistry	The GH/IGF-I axis and Postnatal Growth of Weaver Mutant Mice	Lee, Wei-Hua
Sandra Yi	University of Illinois at Urbana-Champaign	Systematics/ Evolutionary Biology	Parasite-host Interactions Between Aquatic Mites ( <i>Acar: Hydrachnidia</i> ) and Mosquitoes ( <i>Diptera: Culicidae</i> ) in Urban and Rural Freshwater Habitats	Francis, Bettina M.
Zhenyue Zhu	Oklahoma State University	Physics/ Astronomy	Intrinsic Spin Hall Effect in Semiconductors with Spin Orbital Interaction	Xie, Xincheng
Birgit Ziesemann	Massey University	Behavioral Ecology	Social Organisation and Mating System of the North Island Brown Kiwi ( <i>Apteryx mantelli</i> ) in a High-density Population	Brunton, Dianne H.