

**Grants-in-Aid of Research Awards**  
**October 15, 2003 Grant Cycle**

Alphabetical by Recipient's Name

<b>Grant Recipient</b>	<b>Research Field</b>	<b>Institution</b>	<b>Study Title</b>
<b>Peter J. Adam</b>	Systematics/Evolutionary Biology	University of California-Los Angeles	Marine Mammal Feeding Guild Structure and Changeover Through the Cenozoic
<b>Salvatore J. Agosta</b>	Ecology	University of Pennsylvania	Tritrophic interactions in a tropical dry forest: Influence of the parasitoid <i>Enicospilus lebophagus</i> (Hymenoptera) on host plant suitability for <i>Rothschildia lebeau</i> (Lepidoptera: Saturniidae)
<b>Laura J. Alport</b>	Anthropology	University of Texas at Austin	Fungiform papillae and the evolution of primate taste perception
<b>Mohannad G. AL-Saghir</b>	Systematics/Evolutionary Biology	Virginia Polytechnic Institute and State University	A molecular approach to define genetic pools in crops: A case study in peanut
<b>Barry W. Alto</b>	Ecology	University of Florida	The effects of larval competition on vector competence of mosquitoes <i>Aedes albopictus</i> and <i>Ae aegypti</i> for dengue virus
<b>Lorenzo Alvarez</b>	Ecology	Centro de Investigacion Cientifica y de Educacion Superior de Ensenada	Influence of substrata over structure of fish communities in Cabo Pulmo coral reef, BCS Mexico
<b>Angel A. Alvarez</b>	Cell Biology/Biochemistry	University of Illinois at Chicago	Differentiation of human mesenchymal stem cells into retinal cells
<b>Carrie M. Anderson</b>	Physics/Astronomy	New Mexico State University	Haze Distribution in Titan's Lower Atmosphere
<b>Ursula S. Anderson</b>	Psychology	Georgia Institute of Technology	Same/Different Tactile Discrimination Learning in African Elephants
<b>David E. Ausband</b>	Ecology	University of Montana	Assessing the success of reintroducing swift fox to the Blackfoot Indian Reservation, Montana
<b>Eric J. Austria</b>	Chemistry	University of Colorado at Colorado Springs	Determination of Catechins in Over-The-Counter Dietary Supplements

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<b>Jill A. Awkerman</b>	Ecology	Wake Forest University	Comprehensive Distribution of Waved Albatrosses within the Galapagos Marine Reserve
<b>Nicolas G. Azios</b>	Cell Biology/Biochemistry	University of Texas at Austin	Effects of Resveratrol from Red Wine on Metastatic Breast Cancer
<b>Juan A. Baeza</b>	Behavioral Ecology	University of Louisiana at Lafayette	Experimental test of the effect of local mate competition on sex allocation in the marine shrimp <i>Lysmata wurdemanni</i> : a protandric simultaneous hermaphrodite with low risk of sperm competition
<b>Lynne R. Baker</b>	Ecology	University of Minnesota, Twin Cities	Conservation Status of the Sclater's Guenon ( <i>Cercopithecus sclateri</i> ) in Southern Nigeria
<b>Kristin A. Bakkegard</b>	Ecology	Utah State University	The genetics of colonization of two amphibian species after the 1980 eruption of Mount St Helens
<b>Corinne A. Balint</b>	Cell Biology/Biochemistry	Middlebury College	Investigating a putative role for FimA in <i>Streptococcus mutans</i> adherence to endothelial cells
<b>Nabin Baral</b>	Ecology	Florida International University	Natural Resources Use and Conservation Attitudes of Local People in the Western Terai Landscape Complex, Nepal
<b>Lindsay R. Barclay</b>	Cell Biology/Biochemistry	Albertson College of Idaho	Differential Cell Sensitivity to Cadmium: A Study of Apoptosis
<b>Brian C. Barringer</b>	Systematics/Evolutionary Biology	Cornell University	Polyploidy, Inbreeding Depression, and the Evolution of Mating Systems in Flowering Plants
<b>María N. Barrios</b>	Ecology	Universidad Nacional del Comahue	Historical deer abundance, patterns of damage and deer use in native forests on Isla Victoria, Patagonia, Argentina

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<b>Anthony J. Baumert</b>	Ecology	University of Pittsburgh	A novel evaluation of a proposed mechanism of competition Can resource consumption predict patterns of abundance?
<b>Jake J. Beaulieu</b>	Ecology	University of Notre Dame	Effects of nitrate and land use on N <sub>2</sub> O production from denitrification in aquatic sediments
<b>Rachelle M. Belanger</b>	Physiology/Functional Morphology	Bowling Green State University	The spatial representation of odor expression patterns in the olfactory lobe of male ( <i>Orconectes rusticus</i> ) in response to female pheromones
<b>Lucas J. Benedict</b>	Petrology/Geochemistry	State University of New York at Albany	K-Bentonites of the Devonian: Complexity of Altered Volcanic Ashes in the Appalachian Basin
<b>Joshua B. Benoit</b>	Ecology	Wittenberg University	Investigating antimycotics for biological control of ticks
<b>Daniel A. Bergman</b>	Behavioral Ecology	Bowling Green State University	Understanding chemical communication under lotic and lentic conditions
<b>Sarah K. Berke</b>	Ecology	University of South Carolina	Decorating for the Invertebrate Ball: The Whys and Wherefores of Behavioral Evolution
<b>Dieldrich S. Bermudez</b>	Physiology/Functional Morphology	University of Florida	Variation in Stress levels of Juvenile Alligators
<b>Marica C. Bernstein</b>	Physiology/Functional Morphology	University of Cincinnati	The effects of life-long protein malnutrition on maternal and infant behaviors
<b>Kimberly J. Berry</b>	Psychology	University of Arkansas at Little Rock	The Effects of Accutane on Anxiety in Male & Female Rats Using the Elevated Plus Maze
<b>Kristin L. Bishop</b>	Physiology/Functional Morphology	Brown University	Aerodynamic Force Generation by Stationary and Flapping Flexible Wings

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<b>Lori A. Blanc</b>	Ecology	Virginia Polytechnic Institute and State University	Experimental study of the longleaf pine cavity-nesting bird community: the role of the red-cockaded woodpecker
<b>Jaime A. Blandino</b>	Psychology	Georgia Southern University	Depression in Gay, Lesbian, and Bisexual Adults: Mechanisms of Increased Risk
<b>Madalyn S. Blondes</b>	Petrology/Geochemistry	Yale University	Temporal-compositional trends within single eruptions in the Big Pine Volcanic Field, CA
<b>Scot D. Bohnenstiehl</b>	Engineering	Montana Tech of The University of Montana	Photolysis of Titanium Tetrachloride
<b>Ninad R. Bondre</b>	Petrology/Geochemistry	Miami University Ohio	Field relations, petrography, and geochemistry of dikes and associated lava flows around Sangamner: Implications for the plumbing system of the Deccan Volcanic Province, India
<b>Brendan J. Borrell</b>	Behavioral Ecology	University of California-Berkeley	Nectar preferences in orchid bees: testing Baker's Viscosity Hypothesis
<b>Amy L. Brock</b>	Hydrology/Geomorphology	University of Nevada-Las Vegas	Development a stage IV calcium carbonate soil at Mormon Mesa, Nevada
<b>David R. Brown</b>	Ecology	Tulane University	Sex-biased winter distribution of a monomorphic songbird at multiple spatial scales
<b>Denise A. Bruesewitz</b>	Ecology	University of Notre Dame	Effect of zebra mussels ( <i>Dreissena polymorpha</i> ) on the fate of dissolved inorganic nitrogen
<b>Laura A. Buchanan</b>	Engineering	University of Kentucky	Effect of Chemical Composition and Crystalline Structure on Protein Adsorption
<b>John M. Buchner</b>	Cell Biology/Biochemistry	University of Georgia	In vitro DNA binding studies of the Novel Site-Specific Recombinase, Piv

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<b>Chris I. burcher</b>	Hydrology/Geomorphology	Virginia Polytechnic Institute and State University	Landscape transformations: Geomorphological effects on macroinvertebrates in suburbanizing streams
<b>Amy J. Burgin</b>	Ecology	Michigan State University	Nitrate removal in aquatic ecosystems
<b>Kurtis C. Burmeister</b>	Tectonics/Geophysics	University of Illinois at Urbana-Champaign	Magnetic Susceptibility anisotropy Analysis of rocks associated with deformation in the Appalachian fold-thrust belt, New York
<b>Claudio Cabello Soto</b>	Physics/Astronomy	Saint Louis University-Madrid Campus	Observation of Asteroidal Occultations in Spain
<b>Matthew D. Carling</b>	Systematics/Evolutionary Biology	Louisiana State University-Baton Rouge	Testing alternative hypotheses of South American divergence: a multi-locus approach
<b>Jane E. Carlson</b>	Ecology	Louisiana State University-Baton Rouge	The adaptive significance of female-biased nectar rewards in a neotropical herb
<b>Deron T. Carter</b>	Hydrology/Geomorphology	Central Washington University	The catastrophic draining of Lake Alvord: hydrologic reconstruction and cosmogenic <sup>3</sup> He ages of outburst flood deposits, Owyhee River basin, Oregon
<b>Mollie F. Cashner</b>	Systematics/Evolutionary Biology	Tulane University	The evolution of reproductive symbiosis within a subgenus of North American minnows [Notropis(Hydrophlox)]
<b>Jennifer M. Catoc</b>	Petrology/Geochemistry	University of the Philippines	Mineralization and Fluid Inclusion Study of the Buenas-Tinago and Balite Vein Systems in Mt Diwata (Diwalwal) Area, Monkayo, Compostela Valley, Mindanao
<b>Samantha K. Chapman</b>	Ecology	Northern Arizona University	Legacy Effects of Drought on Forest Ecosystem Nutrient Fluxes
<b>Deviney M. Chaponis</b>	Psychology	Wake Forest University	Transfer of Learned Forget Cues in an Animal Memory Task

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<b>Stephanie M. Cheng</b>	Ecology	University of Alberta	Microbial Community Analysis in a High Arctic Glacier
<b>Irina Ciubotaru</b>	Cell Biology/Biochemistry	University of North Carolina at Greensboro	The effect of EPA/DHA on the activation of transcription factors involved in the CRP gene expression
<b>Jeffrey S. Coker</b>	Cell Biology/Biochemistry	North Carolina State University	Accumulation of V-ATPase transcripts in tomato leaves during a systemic wound response
<b>Christine F. Conrad</b>	Petrology/Geochemistry	College of William and Mary	Planar Oxides as a Novel Approach to Understanding Metal Sorption in Natural Systems
<b>Leslie W. Cook</b>	Ecology	Davidson College	Effects of the Pesticide Malathion on the Development of Zebrafish, <i>Brachydanio rerio</i>
<b>Timothy L. Cook</b>	Hydrology/Geomorphology	University of Delaware	Suspended-Sediment Dynamics in the Turbidity Maximum of the Upper Delaware Estuary
<b>Rebecca L. Coppins</b>	Cell Biology/Biochemistry	University of Illinois at Urbana-Champaign	Controlling the Regioselectivity of RNA Ligation with DNA Enzymes
<b>Dezba G. Coughlin</b>	Engineering	University of California-Berkeley	Effects of Elastin and Collagen on Local Residual Strains
<b>Brian A. Counterman</b>	Systematics/Evolutionary Biology	Louisiana State University-Baton Rouge	The evolution of X chromosome inactivation in <i>Drosophila</i>
<b>Allison L. Craig</b>	Hydrology/Geomorphology	Clemson University	The effect of vegetation disturbance on the temperature of a stream
<b>Emily R. Cramer</b>	Behavioral Ecology	St. Mary's College of Maryland	Vocal performance and song type use in red-winged blackbirds
<b>Lisa H. Crampton</b>	Ecology	University of Nevada, Reno	Phainopepla Population Dynamics and Genetic Structure in Fragmented Habitats
<b>Erin L. Crowgey</b>	Cell Biology/Biochemistry	Miami University Ohio	Understanding the Roles of Hsp70 and Hsp90 in Protein Deficient Mice

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<b>Xiaohui Cui</b>	Computer Science/Mathematics	University of Louisville	Collaboratively searching and operating with multiple robots using local communication
<b>Deborah L. Cunningham</b>	Anthropology	University of Missouri-Columbia	Postcranial proportional variation in Australopithecus
<b>Guy W. Dadson</b>	Chemistry	California State University-Fullerton	Spectroscopic and Kinetic Studies of Atmospheric Radicals
<b>Melissa A. Dakin</b>	Psychology	Colorado State University	Color vision variation during pregnancy
<b>Catherine R. Darst</b>	Systematics/Evolutionary Biology	University of Texas at Austin	Evolutionary and Ecological Dynamics of a Poison Frog Mimicry Complex
<b>Kirsten C. Davis</b>	Systematics/Evolutionary Biology	University of San Diego	Population genetic variability in the San Diego fairy shrimp, <i>Branchinecta sandiegonensis</i> : insights from microsatellite DNA analysis
<b>Lisa M. DeLucia</b>	Physiology/Functional Morphology	Hobart and William Smith Colleges	Comparison of Ultraviolet Visual Capabilities in <i>Xenopus laevis</i> and <i>Ambystoma tigrinum</i>
<b>Matthew J. Demmer</b>	Engineering	Saint Louis University	Spontaneous Formation of Hydroxyapatite on Alkali treated Titanium
<b>Alison M. Derry</b>	Ecology	Queens University	Rapid Evolution of Zooplankton Following Environmental Change
<b>Mandar V. Deshpande</b>	Engineering	University of Illinois at Chicago	Characterization of Photostrictive PLZT Material for Developing a Light Driven Micro-fluidic dispenser for a Chemical based Visual Prosthesis
<b>Sarah E. Diamond</b>	Ecology	Bucknell University	<i>Mordellistena convicta</i> : Did nutritional variation facilitate a host shift from stems to galls?
<b>S. G. Dillard</b>	Psychology	North Carolina State University	Breaking the Sound Barrier: Can Young Children Use Newly Acquired Words to Describe Preverbal Memories?

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<b>Tracy L. DiMezzo</b>	Ecology	University of Illinois at Springfield	Uptake Analysis of Fluorescently-labeled Organic Phosphate Substrates by Aquatic Hydrophobic Bacteria
<b>Michael R. Disney</b>	Ecology	Oklahoma State University	Mesocarnivore Abundance in Oak Forest Patches: A Comparison of Scent Station and Live-Trapping Techniques
<b>Jeremy T. Dobler</b>	Physics/Astronomy	University of Arizona	Novel Alternating Frequency Doppler Lidar Instrument for Wind Measurements in the Lower Troposphere
<b>David H. Dommer</b>	Physiology/Functional Morphology	Virginia Polytechnic Institute and State University	Characterization of the Magnetoreception Mechanism of <i>Drosophila melanogaster</i>
<b>Mathew E. Dornbush</b>	Ecology	Iowa State University	Species-Specific Impacts on Grassland Biogeochemistry Mediated Through Plant-Microbe Interactions
<b>Rachel P. Dudik</b>	Physics/Astronomy	George Mason University	A Multi-wavelength Investigation of LINER Galaxies
<b>Jenna F. DuMond</b>	Cell Biology/Biochemistry	University of North Carolina at Charlotte	Inhibition of Glycosylasparaginase
<b>Robin C. Dunkin</b>	Physiology/Functional Morphology	University of North Carolina at Wilmington	Ontogenetic Changes in the Thermal and Buoyant Properties of Atlantic Bottlenose Dolphin Blubber ( <i>Tursiops truncatus</i> )
<b>Jacqueline M. Dunn</b>	Physics/Astronomy	Texas Christian University	Environmental Influences on Dwarf Irregular Galaxies
<b>Justin L. Edge</b>	Ecology	Berry College	Population Study of Eastern Coyotes ( <i>Canis latrans</i> ) in Northwest Georgia
<b>Holger B. Elichberger</b>	Psychology	University of North Carolina at Chapel Hill	Examining the Linkages Among Knowledge, Memory, and Suggestibility
<b>Armin T. Ellis</b>	Physics/Astronomy	Dartmouth College	Auroral Imaging from Space

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<b>Robert G. Ellis-Hutchings</b>	Cell Biology/Biochemistry	University of California-Davis	Effects of Polybrominated Diphenyl Ether Exposure on Biochemical Indicators of Nervous System Development
<b>Damon T. Ely</b>	Ecology	University of Georgia	Export of stream organic matter during storms as an indicator of recovery from logging disturbance
<b>Amanda L. Ensminger</b>	Behavioral Ecology	University of Kentucky	Mhc, mate choice, and a novel disease in house sparrows
<b>Michelle A. Evans-White</b>	Ecology	University of Notre Dame	Ecological stoichiometry in benthic aquatic ecosystems
<b>Laurie d. Fajardo</b>	Ecology	Instituto Venezolano de Investigaciones Cientificas	Tropical dry forest restoration on Isla de Margarita, Venezuela
<b>Nicole L. Falk</b>	Anthropology	University of South Florida	Were Pre-Inca Agriculturalists and Herders Buried Together in the Lurin
<b>Elizabeth P. Falwell</b>	Cell Biology/Biochemistry	Virginia Polytechnic Institute and State University	Fibrosarcoma-induced dysregulation of interleukin activity and modulation through paclitaxel (Taxol <sup>®</sup> )-mediated signal transduction
<b>Anna A. Felton</b>	Hydrology/Geomorphology	Bates College	Organic Carbon Cycling in Laminated Sediments from Coastal Lacustrine and Marine Environments, Eastern Canadian Arctic
<b>Elise D. Ferree</b>	Behavioral Ecology	University of California-Santa Cruz	The influence of male attractiveness on maternal care in two populations of Oregon juncos
<b>Ryan L. Fimmen</b>	Petrology/Geochemistry	Duke University	Reforestation effects on soil iron dynamics in northwestern South Carolina
<b>Ryan N. Fiorini</b>	Cell Biology/Biochemistry	Medical University of South Carolina	Pharmacological Alterations of Hepatic Steatosis for Successful Transplantation
<b>Tara S. Fletcher</b>	Ecology	University of Washington	Factors driving Hedera hibernica (English ivy) invasion in Pacific Northwest forests

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<b>Valerie S. Foster</b>	Behavioral Ecology	University of California-Irvine	Sex allocation in zebra finches may depend upon differential costs to parents
<b>Kurt L. Frankel</b>	Tectonics/Geophysics	University of Southern California	Earthquake recurrence intervals and fault slip rates on the northern Death Valley-Furnace Creek and Fish Lake Valley fault zones
<b>Melanie R. Frazier</b>	Physiology/Functional Morphology	University of Washington	Into thin air: The paradox of flying insects at high altitude
<b>Weilin W. Fu</b>	Computer Science/Mathematics	Unknown Institution	A Pen Input ER Design Tool
<b>Bryan C. Fuchs</b>	Cell Biology/Biochemistry	Saint Louis University	Link between ASCT2, cell swelling, Bad phosphorylation and cancer cell survival
<b>Jessica K. Gambill</b>	Physics/Astronomy	George Mason University	Models of multiwavelength jets in active galactic nuclei
<b>Joseph W. Gangestad</b>	Physics/Astronomy	Williams College	Making the Most Accurate Measurements of the June 8, 2004, Transit of Venus, and Overcoming the Black Drop Effect
<b>Gabriela Y. Garc�a</b>	Physics/Astronomy	Universidad de los Andes, Venezuela	Analysis of Photometric Observations of RR Lyrae Stars in the Globular Cluster M15
<b>Kathryn E. Gardner</b>	Physiology/Functional Morphology	Cornell University	Caste Determination in the Bumble bee <i>Bombus impatiens</i> and the social parasite <i>Bombus citrinus</i> (Hymenoptera: Apidae)
<b>Susan N. Gershman</b>	Behavioral Ecology	University of California-Riverside	Multiple mating and paternity in wild-caught <i>Gryllus vocalis</i> field crickets
<b>Alison J. Gillespie</b>	Petrology/Geochemistry	Western Washington University	The potential for mass balance and paleoclimate records in ice cores of small mid-latitude glaciers
<b>Alex C. Gilman</b>	Ecology	University of California-Los Angeles	Species range and diversity across tropical environmental gradients

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<b>Timothy E. Goode</b>	Ecology	University of Illinois at Springfield	The functional significance and abundance of ammonia-oxidizing bacteria on the Illinois River floodplain
<b>Smita Gopinath</b>	Cell Biology/Biochemistry	Mount Holyoke College	RT-PCR analysis of select genes in BL/6 and BALB/c
<b>Barbara P. Graff</b>	Ecology	Universidad de Buenos Aires	Impact of Selective Grazing on Plant-Plant Interactions: The Role of the Spatial Pattern
<b>Joshua E. Grainer</b>	Ecology	James Madison University	Influence of predatory brook trout on algal biomass and leaf decomposition rate in streams
<b>Suzanne M. Gray</b>	Systematics/Evolutionary Biology	Simon Fraser University	The origin and maintenance of male color polymorphism in the Telmatherinid fishes of Sulawesi, Indonesia
<b>Steve N. Guggino</b>	Paleontology/Sedimentation	University of South Florida	Constraining model predictions for Pangaeian climate across the Permian-Pennsylvanian boundary: Evidence from brachiopod sclerochronology
<b>Emily M. Haas</b>	Chemistry	Gettysburg College	Photodissociation Dynamics of Acetaldehyde
<b>Suzanne E. Hagell</b>	Anthropology	The Graduate Center, The City University of New York	Body Size Variation and Ecology in Papio: Illuminating the Kinda Baboon ( <i>Papio hamadryas kindae</i> ) in Northwest Zambia
<b>Jeong S. Han</b>	Physiology/Functional Morphology	University of Texas Medical Branch	Role of CGRP in pain-related behavior and plasticity in the amygdala
<b>Hsiao-Ping G. Han</b>	Psychology	Florida International University	Borderline Personality Disorder Features in Nonclinical Young Adults: Associations with Differentiation of Self and Relational Aggression
<b>Bree A. Hardcastle</b>	Ecology	University of California-Santa Cruz	Effects of Serpentine-Associated Edaphic Variation on a Plant/Pathogen Interaction

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<b>Laurel M. Hartley</b>	Ecology	Colorado State University	Effects of Prairie Dogs on Plant Community Composition and Nutrient Cycling on the Shortgrass Steppe
<b>Nathaniel E. Head</b>	Cell Biology/Biochemistry	Marshall University	Inhibition of Pseudomonas aeruginosa Biofilms in Cystic Fibrosis
<b>Christopher D. Heckel</b>	Ecology	Georgia Southern University	Effects of invasive vines and pollinators on seed production in the endangered Trillium reliquum
<b>Jennifer E. Heffler</b>	Psychology	St. Lawrence University	Tympanic Gas Bladders and Hydrostatic Pressure Transduction in G. petersii
<b>Sherry T. Hikita</b>	Cell Biology/Biochemistry	University of California-Santa Barbara	Investigation of the Role of Osteopontin in Experimental Autoimmune Uveitis
<b>Jeremiah S. Hill</b>	Engineering	Louisiana Tech University	Ultrawideband Biomedical Research Kit
<b>Andrea J. Hoffmeister</b>	Cell Biology/Biochemistry	San Francisco State University	Specificity of histone lysine acetylation in the human beta-globin region
<b>Christopher M. Holbrook</b>	Ecology	University of Maine, Orono	Diet of endangered Atlantic salmon and potential competitors in a Maine stream
<b>Samantha S. Hopkins</b>	Paleontology/Sedimentation	University of California-Berkeley	Variation in oxygen stable isotope ratios as a proxy for water usage in small mammals
<b>Brian D. Hunter</b>	Psychology	University of North Florida	Fathers' Physiological Responses to Child-related Stimuli
<b>Jess H. Jacobs</b>	Chemistry	Jacksonville University	Fuel Cell Teaching Package
<b>Tricia A. Johnson</b>	Physics/Astronomy	University of North Dakota	Observations of Gamma-Ray Burst Afterglows
<b>Shelley A. Judge</b>	Tectonics/Geophysics	Ohio State University	The Origin and Evolution of the Wasatch Monocline, Central Utah
<b>Colby A. Jurgenson</b>	Physics/Astronomy	University of Denver	InfraRed Spectropolarimetry of Evolved Stars: Sifting Through Cosmic Dust

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<b>Glenn G. Kacprzak</b>	Physics/Astronomy	New Mexico State University	Halo gas and Stellar Kinematics of Intermediate Redshift Galaxies
<b>Aaron B. Kaczowka</b>	Physics/Astronomy	Worcester Polytechnic Institute	Shear Stiffness of Carbon Nanotubes
<b>Agata E. Kamler</b>	Ecology	San Francisco State University	Analysis of the coastal distribution of <i>Distichlis spicata</i> , a C4 grass: a focus on microhabitat and competition
<b>Vishnu V. Kanupuru</b>	Physics/Astronomy	University of North Dakota	Estimating Rotational Periods of Near-Earth Asteroids From Lightcurves
<b>Steven A. Kawamoto</b>	Cell Biology/Biochemistry	Ohio State University	Elucidating the mechanism of inhibition of bacterial RNase P by aminoglycoside derivatives
<b>Clint D. Kelly</b>	Behavioral Ecology	University of Toronto at Mississauga	Ejaculation strategies of males using alternative mating tactics
<b>Sara M. Kienzle</b>	Cell Biology/Biochemistry	Michigan State University	<i>Escherichia coli</i> Adherence in Secondary Environments
<b>Brian P. Kinlan</b>	Ecology	University of California-Santa Barbara	Linking environmental forcing, dispersal and patch dynamics in kelp forest communities
<b>Jeremy J. Kirchman</b>	Systematics/Evolutionary Biology	University of Florida	Evolution of flightless rails in Oceania: a molecular and morphological study of <i>Gallirallus</i>
<b>Katrina Klugh</b>	Ecology	West Virginia University	Identification of a novel aluminum resistance mechanism of mycorrhizal plants
<b>Gage Koehler</b>	Cell Biology/Biochemistry	Indiana University-Purdue University, Indianapolis	Expression and characteristic study of cold regulated proteins in roots
<b>Jessica E. Krick</b>	Physics/Astronomy	University of Michigan-Ann Arbor	Intracluster Planetary Nebulae as a Tool for Understanding Galaxy Evolution in Nearby Clusters
<b>Mark A. Kroenke</b>	Cell Biology/Biochemistry	University of Rochester	The effects of IFN-beta on MIP-1alpha and RANTES secretion in multiple sclerosis

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<b>Steven E. Kroll</b>	Hydrology/Geomorphology	Northern Illinois University	Influence of Oxygenates on the Fate and Transport of BTEX Compounds in Fine-Grained Soils
<b>Christian H. Krupke</b>	Behavioral Ecology	Washington State University	Investigation of the role of intra-specific acoustic communication in mate selection of <i>Euschistus conspersus</i>
<b>Adam J. Kuperavage</b>	Physiology/Functional Morphology	Pennsylvania State University	Biomechanical Insights into early Hominid Locomotion
<b>Rochelle G. Labiosa</b>	Ecology	Stanford University	The Red Sea Paradox: A highly productive oligotrophic region?
<b>Luca Lai</b>	Anthropology	University of South Florida	Tracing differences in dietary patterns between inland and coastal sites in Neolithic Sardinia
<b>Terry E. Lancaster</b>	Paleontology/Sedimentation	Kent State University	Evolutionary Adaptations to Life in Water: Brain and Body Size Estimation in Aquatic Mammals
<b>Crystal N. LeCrone</b>	Physics/Astronomy	Rose-Hulman Institute of Technology	Asteroid Photometry: An Undergraduate Research Project in Astronomy
<b>Danielle N. Lee</b>	Behavioral Ecology	University of Missouri-St. Louis	Early social environment influences the development of individual behavioral differences
<b>Jae-Kyung Lee</b>	Cell Biology/Biochemistry	University of North Texas	Characterization of a novel CD2 receptor, CS1 on human Natural Killer cells
<b>Patrick R. Lemons</b>	Behavioral Ecology	University of Nevada, Reno	Long-term Fitness Consequences of Conspecific Brood Parasitism
<b>Nicholas A. Lesica</b>	Physiology/Functional Morphology	Harvard University	The Effects of Natural Stimuli on the Response Properties of Cortical Neurons
<b>Kenneth M. Levenstein</b>	Behavioral Ecology	Arkansas State University	Breeding ecology of the cooperatively polyandrous Galapagos Hawk: how many males are enough?

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<b>Grant Recipient</b>	<b>Research Field</b>	<b>Institution</b>	<b>Study Title</b>
<b>Lei Li</b>	Cell Biology/Biochemistry	University of North Carolina at Chapel Hill	Acute regulation of Acyl-CoA synthetase 1 by phosphorylation
<b>Melanie A. Link-Perez</b>	Ecology	Miami University Ohio	Using distance-similarity relations to evaluate the importance of ecological drift
<b>Karen J. Lipscomb</b>	Chemistry	Indiana State University	Synthesis of Epiquinamide
<b>Jesse S. Little</b>	Engineering	State University of New York at Stony Brook	Flexion Creep of the Human Lumbar Facet Joint Capsule
<b>Susanne J. Lockhart</b>	Systematics/Evolutionary Biology	University of California-Santa Cruz	Phylogeny, reproduction and parasitism in cidaroid echinoids of the Antarctic
<b>Elena M. Lopez</b>	Ecology	University of Colorado at Boulder	Effects of aquatic exposure to methoprene on amphibian development
<b>Candace Low</b>	Behavioral Ecology	University of California-Santa Barbara	Vibrational interactions between a leaf-mining species and their parasitoids
<b>Carolina G. Luchetti</b>	Cell Biology/Biochemistry	Universidad de Buenos Aires	Insulin Resistance in the Polycystic Ovary Syndrome
<b>Patrice M. Ludwig</b>	Behavioral Ecology	University of Virginia	Relating phenotypic plasticity, behavioral ecology, and population dynamics in the forked fungus beetle, <i>Bolitotherus cornutus</i>
<b>Dunja Lund</b>	Psychology	University of Florida	The Roles of Frequency and Recency in Forming and Retrieving New Connections
<b>Kathleen S. Lynch</b>	Behavioral Ecology	University of Texas at Austin	The role of estrogen in modulating neuronal activity of central auditory areas in female anurans
<b>Matthew S. Malinowski</b>	Tectonics/Geophysics	State University of New York at Buffalo	Energy and soil-moisture effects on nonlinear deformation associated with near-surface seismic reflection sources
<b>Gaurangi V. Malthankar</b>	Cell Biology/Biochemistry	Idaho State University	Investigation of Relation between Energy-Metabolism and Cell Death in Rat Hippocampal Slice Cultures Exposed to Kainate Excitotoxicity

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<b>Emily C. Marquez</b>	Physiology/Functional Morphology	Bowie State University	The effects of estradiol and environmental contaminants on the reproductive development of the Red-sided garter snake ( <i>Thamnophis sirtalis</i> ) and the Corn snake ( <i>Elaphe guttata</i> )
<b>Paul R. Martin</b>	Systematics/Evolutionary Biology	University of Washington	Latitudinal variation in speciation rates
<b>Karen P. Maruska</b>	Physiology/Functional Morphology	University of Hawaii at Manoa	Neuropeptide modulation of auditory and lateral line systems in coral reef fishes
<b>Justin S. McAlister</b>	Systematics/Evolutionary Biology	University of North Carolina at Chapel Hill	Testing for costs of phenotypic plasticity during development of <i>Lytechinus variegatus</i>
<b>Sarah B. McClure</b>	Anthropology	University of California-Santa Barbara	Assessing Prehistoric Local Interaction Through Elemental Analysis of Ceramics
<b>Ryan W. McEwan</b>	Ecology	Ohio University	A dendroecological analysis of remnant oak-ash savannas in the Bluegrass Region of central Kentucky
<b>Virginia G. McHugh-Kurtz</b>	Chemistry	Northern Illinois University	A Systematic Comparison of Alkaloidal Profiles of Coca Tea
<b>Erin M. Meagher</b>	Physiology/Functional Morphology	University of North Carolina at Wilmington	Investigating seasonal changes in the thermal biology of wild bottlenose dolphins ( <i>Tursiops truncatus</i> )
<b>Matthew J. Medeiros</b>	Systematics/Evolutionary Biology	University of California-Berkeley	How many times has winglessness evolved in cave-dwelling Hawaiian moths?
<b>Elizabeth A. Miller</b>	Behavioral Ecology	Wilkes University	Agro-Farming by Gray Squirrels: An Experimental Approach
<b>Richard M. Mitchell</b>	Ecology	Auburn University	The Role of a Top Omnivore in Three Coastal Plain Headwater Streams

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<b>Jennifer M. Moody-Weis</b>	Ecology	University of Kansas	Large-scale abundance, colonization, and extinction patterns of the annual sunflower ( <i>Helianthus annuus</i> )
<b>David A. Moscovitch</b>	Psychology	Bowie State University	Self-discrepancies in social phobia: The interaction of perceived abilities and performance standards
<b>Jacqueline E. Moustakas</b>	Systematics/Evolutionary Biology	University of California-Berkeley	Evolution and Development of Skeletogenic Tissues in Reptiles
<b>Samrat Mukherjee</b>	Engineering	Lehigh University	Fabricating and characterizing a micro sized membrane reactor- a thrust towards realizing miniaturized fuel processors
<b>James W. Ndiritu</b>	Chemistry	Kenyatta University	The stability of beta-carotene in dehydrated dark-green leafy vegetables stored in presence of an oxygen absorber
<b>Silvia E. Newell</b>	Hydrology/Geomorphology	Smith College	Hydrology of a Cloud Forest in Monteverde, Costa Rica
<b>Sarah D. Newell</b>	Petrology/Geochemistry	University of Florida	Relative changes in C3 and C4 biomass recorded by carbon isotopes of lipid biomarkers in the Maya Lowlands of Peten, Guatemala
<b>Paula S. Nieto</b>	Cell Biology/Biochemistry	Universidad Nacional de Cordoba	Expression of the Photopigment Melanopsin in Chicken Retinal Cells (RGCs)
<b>Stephenson W. Nkinin</b>	Cell Biology/Biochemistry	University of Cincinnati	Prevalence of <i>Pneumocystis jirovecii</i> Infections in Cameroon
<b>Julian M. Norghauer</b>	Ecology	University of Toronto	The Role of Predation and Herbivory in the Regeneration Ecology of Big Leaf Mahogany ( <i>Swietenia macrophylla</i> KING)
<b>Sarah R. Null</b>	Cell Biology/Biochemistry	Indiana State University	Characterization of the mccC-like gene of plasmid pHPM8 and determination of microcin production by <i>Helicobacter pylori</i> HPM8

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<b>Dawn M. O'Dee</b>	Cell Biology/Biochemistry	Miami University Ohio	Does Corticosterone Inhibition of Cytokine Production Block Macrophage Activation in Protein Malnourished Mice?
<b>Chris L. Pagliarulo</b>	Cell Biology/Biochemistry	University of Arizona	Mechanisms enabling salt tolerant plants to grow in saline environments
<b>C. E. T. Paine</b>	Ecology	Louisiana State University-Baton Rouge	Testing the key assumptions of recruitment limitation
<b>Sabrina L. Pakzad</b>	Physics/Astronomy	University of Virginia	Figure Rotation in Triaxial Elliptical Galaxies
<b>Gitika Panicker</b>	Cell Biology/Biochemistry	University of Alabama at Birmingham	Identification of genes expressed in <i>Vibrio vulnificus</i> in its quiescent and active state
<b>Thomas L. Parchman</b>	Ecology	New Mexico State University	Coevolution on the Island of Hispaniola Between Crossbills and the Hispaniolan Pine
<b>Jason Paris</b>	Psychology	Marywood University	Sex Hormones, Cognition, and Academic Choices
<b>Frederick K. Partey</b>	Petrology/Geochemistry	Miami University Ohio	Tracing the source of fluorine in the fluorite deposits of the Rio Grande rift
<b>Biren A. Patel</b>	Physiology/Functional Morphology	State University of New York at Stony Brook	Bone Density in the Primate Wrist
<b>John R. Paul</b>	Systematics/Evolutionary Biology	University of Pittsburgh	Commonness and Rarity in Mesoamerican Psychotria Species: Tests of Evolutionary Hypotheses in a Phylogenetic Framework
<b>Tara A. Peburn</b>	Anthropology	The Graduate Center, The City University of New York	Cranial Architecture of the Papionini (Primates: Cercopithecidae): Analyses of Structural Variation and its Functional and Phylogenetic Implications

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<b>Christopher J. Pellowski</b>	Petrology/Geochemistry	South Dakota School of Mines and Technology	Application of visible and near-infrared spectroscopic methods for identification of lateral and vertical zonation relative to hydrothermal mineralization
<b>Noah G. Perlut</b>	Behavioral Ecology	University of Vermont	The effects of hayfield management on mating systems of Savannah sparrows ( <i>Passerculus sandwichensis</i> ) breeding in the Champlain Valley of Vermont
<b>Morgan L. Perrone</b>	Petrology/Geochemistry	New Mexico State University	Experimental determination of the biogenicity of moonmilk in Spider Cave of Carlsbad Caverns National Park, New Mexico using isotopic and major and trace element analyses
<b>George H. Perry</b>	Anthropology	Arizona State University	Inter-Specific Variation of Tooth Development Genes in Primates
<b>Emily M. Peterman</b>	Petrology/Geochemistry	Middlebury College	Deciphering Ordovician history of rocks from the Liberty -Orrington Belt, south-central Maine
<b>Jelena Petrovic</b>	Chemistry	Saint Francis University	Effects of Solution Composition on Adsorbed Cytochrome c Electrochemistry
<b>Cecilia Poderoso</b>	Cell Biology/Biochemistry	Universidad de Buenos Aires	Differential mitochondrial ERK1/2 trafficking during proliferative and steroidogenic responses in MA-10 cells
<b>Stephen Porder</b>	Ecology	Stanford University	Erosion, landscape development, and nutrient availability in tropical ecosystems
<b>Luis O. Porras-Sánchez</b>	Physics/Astronomy	Universidad de los Andes, Venezuela	Analysis of Photometric Observations of Cepheids Stars in the Andromeda Galaxy (M31)

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<b>Konstantinos Pothakos</b>	Psychology	State University of New York at Stony Brook	Interactions of tissue plasminogen activator (tPA) and brain-derived neurotrophic factor (BDNF) in the context of hippocampal learning
<b>Jennifer S. Pressley</b>	Cell Biology/Biochemistry	Virginia Polytechnic Institute and State University	Contributions of T Cell Subsets to Tumor Immunity: Implications for Tumor Vaccine Development
<b>Nichole N. Price</b>	Ecology	University of California-Santa Barbara	Indirect effects of herbivory on the recruitment of hard corals in Moorea, French Polynesia
<b>Katie N. Provost</b>	Systematics/Evolutionary Biology	College of William and Mary	Sexual Conflict under Stress: A molecular approach to quantifying the effects of mating on Hsp70 expression in <i>Drosophila melanogaster</i>
<b>Thomas G. Pypker</b>	Hydrology/Geomorphology	Oregon State University	The role of epiphytes in the interception and evaporation of rainfall
<b>Muthuramanan Rameswaran</b>	Cell Biology/Biochemistry	Widener University	Is Atrazine an innate immune system disruptor in adult Northern Leopard Frogs ( <i>Rana pipiens</i> )?
<b>Megan M. Reese</b>	Ecology	St. Cloud State University	Impact of marine reserves vs non-protected areas using otolith growth analy
<b>Danielle R. Reis</b>	Psychology	Florida Atlantic University	Learning Second Language Vocabulary: Evidence from American Students Learning French
<b>Elena A. Repnikova</b>	Cell Biology/Biochemistry	Texas A&M University-College Station	Investigation of bystander cell induction in low-LET irradiated human fibroblasts
<b>Lynn J. Richter</b>	Cell Biology/Biochemistry	Plattsburgh State University	Isolation and Sequencing of the Nitric Oxide Synthase Gene in <i>Paramecium tetraurelia</i>
<b>Paul B. Rimmer</b>	Physics/Astronomy	University of Colorado at Denver	Optical Imaging and Analysis of Selected Quasars and Quasar Jets

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<b>Melinda D. Roberts</b>	Physiology/Functional Morphology	Appalachian State University	Why Do Wildflowers Wilt in Saturated Soils? Are Hydraulic Insufficiencies the Cause?
<b>Amelia C. Robinson</b>	Paleontology/Sedimentation	University of California-Davis	Integrated Analysis of Organic Matter-Clay Mineral Relationships in Kaolinite-Rich Sediments: Implications for their Stability and Reactivity in Continental Margin Sediments
<b>Lizzette A. Rodriguez</b>	Petrology/Geochemistry	Michigan Technological University	SO2 conversion rates at Lascar volcano, Chile
<b>Constance L. Rogers-Lowery</b>	Physiology/Functional Morphology	Wake Forest University	Role of Skin Mucus Proteases in Acquired Resistance of a Host Fish to Ectoparasitic Glochidia Larvae of a Freshwater Mussel
<b>Jason W. Ross</b>	Physiology/Functional Morphology	Oklahoma State University	Analysis and Characterization of a Novel Gene During Porcine Embryo Development and Implantation
<b>Jeffrey S. Ross-Ibarra</b>	Systematics/Evolutionary Biology	University of Georgia	Genetics of tomatillo ( <i>Physalis philadelphica</i> ), a new model species for the study of domestication
<b>Jason P. Roth</b>	Cell Biology/Biochemistry	Utah State University	Detection of HPIV-3 Accessory Proteins
<b>Sara J. Rotter</b>	Psychology	University of Florida	Implicit and Explicit Retrieval of Spelling in Young and Older Adults
<b>Joanna M. Rueth</b>	Cell Biology/Biochemistry	University of Wisconsin-Madison	Sequence specific effects of nucleoside analogs on the Hepatitis C Virus
<b>Mor Salomon-Botner</b>	Behavioral Ecology	Ben-Gurion University of the Negev	The role of maternal care in the evolution of sociality in the spider genus <i>Stegodyphus</i> (Araneae, Eresidae)
<b>Lisa M. Sanders</b>	Cell Biology/Biochemistry	Texas A&M University-College Station	Oxidative environment of the colon vs small intestine: relationship to cancer susceptibility

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<b>Soma Sarkar</b>	Cell Biology/Biochemistry	University of North Carolina at Wilmington	Aerobic scope and lactate production in mice with an inherited capacity for hypoxic exercise
<b>Sharmilee P. Sawant</b>	Cell Biology/Biochemistry	University of Louisiana at Monroe	Molecular mechanisms of development of diabetes in type 2 diabetic rats
<b>Erin A. Scheessele</b>	Ecology	Oregon State University	Effect of Ultraviolet-B (UV-B) Radiated Food on Life History Traits of Amphibians
<b>Anja M. Schiller</b>	Ecology	Evergreen State College	The role of remnant trees in the restoration of abandoned pastures in Costa Rica
<b>Brian K. Schilling</b>	Physiology/Functional Morphology	University of Memphis	Myosin Heavy Chain Expression and Muscle Performance in Humans
<b>Scott R. Schlossberg</b>	Ecology	University of Illinois at Urbana-Champaign	Loss of an Ecosystem Dominant: Impacts on Animal Communities
<b>R. B. Sears</b>	Chemistry	Georgia Southern University	Investigation of Adenochrome: A Possible Iron Chelation Therapy Drug
<b>Robert W. Senkiw</b>	Behavioral Ecology	Unknown Institution	Contagious Communication in Black-Tailed Prairie Dogs ( <i>Cynomys ludovicianus</i> ): Do Individuals Test Their Neighbors' Awareness?
<b>Maria A. Serrat</b>	Anthropology	Kent State University	Variation in mammalian proximal femoral ossification patterns
<b>Cristina M. Shafer</b>	Psychology	Rutgers, The State University of New Jersey	Schemas of Asthma Management
<b>Farbod Shafiei</b>	Physics/Astronomy	Indiana University-Purdue University, Indianapolis	Near Field Scanning Optical Microscopy Based Apparatus to Measure Quantum Dots Mutual Interaction
<b>Wesley K. Sherlock</b>	Petrology/Geochemistry	Southern Oregon University	Biological and environmental impact of sulfide oxidation from mine tailings of the Blue Ledge Mine, Siskiyou County, California

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<b>David H. Shimabukuro</b>	Tectonics/Geophysics	University of California-Berkeley	Provenance study of Eocene-Oligocene fluvial gravels in the Great Basin: Implications for pre-extension paleogeography and syn-extensional drainage evolution
<b>Ginny A. Short</b>	Ecology	University of California-Riverside	Metapopulation Dynamics of the Western Burrowing Owl ( <i>Speotyto cunicularia hypugaea</i> )
<b>Deborah J. Silverman</b>	Psychology	Brown University	Automatic Reading in the Periphery: Potential Rehabilitation Techniques for Macular Degeneration Patients
<b>Ana K. Skemp</b>	Behavioral Ecology	University of Arizona	Life History Tradeoffs between Learning and Senescence: Behavioral and Neuroanatomical Approaches
<b>Mahew A. Smart</b>	Cell Biology/Biochemistry	Merrimack College	A Molecular Basis For The Functional Differences in Cytochrome c Oxidase In Human Prostate Carcinoma Versus Control Epithelial Cells
<b>David S. Smith</b>	Physics/Astronomy	University of Texas at Austin	Cosmic Rays and the Mutational History of Habitable Planets
<b>Jason Smucny</b>	Cell Biology/Biochemistry	Amherst College	Role of Glutamate Receptor Trafficking in Horizontal Optokinetic Nystagmus in Frog
<b>Adam J. Storch</b>	Ecology	State University of New York College of Environmental Science and Forestry	Predator-Prey Interactions: Effects of an Exotic Invertebrate on Planktivore Consumption
<b>Margaret A. Streeter</b>	Anthropology	University of Missouri-Columbia	Histomorphometric characteristics of the sub-adult rib cortex: normal patterns of dynamic bone modeling and remodeling during growth and development

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<b>Diego Sustaita</b>	Physiology/Functional Morphology	California State University-Northridge	An Ecomorphological Comparison of Prey Handling and Feeding Capabilities of North American Hawks and Falcons
<b>Erica A. Swenson</b>	Systematics/Evolutionary Biology	Albertson College of Idaho	Characterization of Oak Associated Chanterelle Species Using Restriction Fragment Length Polymorphism Analysis of the nrDNA Internal Transcribed Spacer
<b>Lina V. Taneva</b>	Ecology	University of Illinois at Chicago	Responses of forest soil respiration to elevated CO <sub>2</sub>
<b>Liang Tang</b>	Engineering	University of Louisville	Real-time, Fiber Optic, Multi-analyte Immuno-biosensor for Accurate Anticoagulant Deficiency Diagnosis
<b>Audrey R. Taylor</b>	Ecology	University of Alaska Fairbanks	Pre-migratory habitat use and physiology of shorebirds staging on Alaska's North Slope
<b>Suprawee Tepsuporn</b>	Physiology/Functional Morphology	Mount Holyoke College	Strain-Specific Differential Gene Expression in a Mouse Model of AIDS Using DNA Microarrays
<b>Thynn K. Thane</b>	Cell Biology/Biochemistry	Northern Illinois University	The role of Antizyme Inhibitor in regulation of cellular polyamines
<b>Cristituto P. Tomarong</b>	Hydrology/Geomorphology	University of the Philippines	Unusually High Methane Gas Emissions in the Notorious Payatas Open Dump in Metro Manila, Philippines
<b>Ayako J. Tomiyama</b>	Psychology	University of California-Los Angeles	Dieting, stress, and obesity: Biological stress mediators
<b>Ezequiel Treister</b>	Physics/Astronomy	Yale University	A survey for obscured AGNs
<b>Carolina Trochine</b>	Ecology	Universidad Nacional del Comahue	The effect of Turbellaria and Hirudinea predators in north Patagonian piedmont and high altitude ponds
<b>Matthew D. Truch</b>	Physics/Astronomy	Brown University	To design and build a low-cost sun sensor for a balloon-borne telescope

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<b>Candace M. Turner</b>	Psychology	Washington College	The Relationship Between Testosterone and Cortisol Levels and Aggression in Male Children with ADHD
<b>Shiva K. Tyagarajan</b>	Cell Biology/Biochemistry	Pennsylvania State University	Examining the Role of JCV Proteins in Cellular Oncogenicity
<b>Laura R. Vandiver</b>	Anthropology	University of Missouri-Columbia	Gender, Perceptions of Harm, and Reported Substance Use Patterns in Alcohol and Marijuana Users in a Rural Caribbean Village
<b>Briggs S. Venetia</b>	Ecology	University of Miami	Sexual selection and larval performance of Neotropical frogs in the Chiquibul Forest Reserve, Belize
<b>Jennifer L. Verdolin</b>	Behavioral Ecology	State University of New York at Stony Brook	Variation in the social structure and mating system of Gunnisons Prairie Dogs
<b>Maren N. Vitousek-Bemis</b>	Behavioral Ecology	Princeton University	Finding the Right Man: Quantifying the Costs and Benefits of Female Mate Choice in the Galapagos Marine Iguana ( <i>Amblyrhynchus cristatus</i> )
<b>Rebecca J. VonDerHeide</b>	Psychology	University of Massachusetts Dartmouth	ERP Correlates of Hemispheric Cooperation in Adults with ADHD
<b>Julie B. Wahlstrand</b>	Cell Biology/Biochemistry	Carleton College	Effects of Bisphenol A on Chromatin Remodeling of the Interferon-Gamma Promoter
<b>Zachary N. Walke</b>	Petrology/Geochemistry	Southern Oregon University	Possible left-lateral motion of Emigrant Lake Fault supported by associated intrusive dikes
<b>Mutegi R. Wanja</b>	Cell Biology/Biochemistry	Kenyatta University	Molecular Characterization of Transgenic Sweet Potatoes Following Genetic Transformation with Viral Coat Protein Genes
<b>Daniel A. Warner</b>	Systematics/Evolutionary Biology	University of Sydney	The adaptive significance of temperature-dependent sex determination in reptiles

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<b>Kristy D. Wendt</b>	Cell Biology/Biochemistry	University of Missouri-Columbia	Characterization of retinal degeneration in a mouse model of the Neuronal Ceroid Lipofuscinoses
<b>Michael S. Wetz</b>	Ecology	Oregon State University	Release of dissolved organic matter by coastal diatoms
<b>Jessica H. Whiteside</b>	Paleontology/Sedimentation	Columbia University	Magnitude and duration of a Triassic-Jurassic supergreenhouse
<b>Jeremy A. Wickenheiser</b>	Cell Biology/Biochemistry	University of California-Santa Barbara	An Identification and Investigation of CED-4 Mediated Apoptotic Suppressors in <i>Caenorhabditis elegans</i>
<b>Pamela D. Widder</b>	Behavioral Ecology	Oklahoma State University	Sub-Lethal Effects of Environmentally Relevant Levels of an Organophosphate Pesticide on Amphibian Larvae
<b>Katherine R. Willcox</b>	Cell Biology/Biochemistry	University of California-Riverside	Role of Threonine 55 Phosphorylation in Apoptosis
<b>David R. Wilson</b>	Behavioral Ecology	University of Manitoba	Ultrasonic communication in Richardson's ground squirrels ( <i>Spermophilus richardsonii</i> )
<b>John P. Wisniewski</b>	Physics/Astronomy	University of Toledo	Searching for Circumstellar Disks Around Be Stars in Clusters
<b>Stefan Woltmann</b>	Ecology	Tulane University	Factors influencing local extinction of tropical understory forest birds in fragmented landscapes
<b>Matthew D. Wood</b>	Engineering	Saint Louis University	Electrical stimulation on patterned surfaces affects DRG neurite extension
<b>Kerri M. Wrinn</b>	Behavioral Ecology	University of Cincinnati	The effects of leg loss and regeneration on prey capture in wolf spiders
<b>Julie M. Wu</b>	Physiology/Functional Morphology	University of Maryland, College Park	Assessing the Clomiphene Citrate Challenge Test (CCCT) in Nonhuman Primates
<b>Julie K. Young</b>	Behavioral Ecology	Utah State University	Spatial ecology of coyotes

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<b>Hilary C. Young</b>	Anthropology	University of Calgary	Foraging of Cebus capucinus on Ant-Defended Acacia Trees in Costa Rica
<b>Riqing Yu</b>	Ecology	Louisiana State University-Baton Rouge	Metal Bioavailability of Natural Microbial Assemblage in Saltmarsh Sediment to Amphipod Leptocheirus plumulosus Influenced by Eutrophication
<b>Sara R. Zimnavoda</b>	Behavioral Ecology	Long Island University-C.W. Post Campus	Effects of the Environment on Diamondback terrapin Hatchling Behavior
<b>Alfred J. Zullo</b>	Cell Biology/Biochemistry	Purdue University-West Lafayette	BATF Transgenic Mice: Investigating the role of AP-1 in NKT cell development
<b>Michael A. Zuykov</b>	Petrology/Geochemistry	V.G. Khlopin Radium Institute	Distribution and behaviour of <sup>241</sup> Am within shells of freshwater mollusks: a complex biomeralogical study