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Jacob L. Bongers	Anthropology	University of California-Los Angeles	Examining Coastal Peruvian Mortuary Monumentality as a Social Strategy
Lauriane Bourgeon	Anthropology	UniversitΘ de MontrΘal	Zooarchaeological and taphonomical study of the Bluefish Caves fauna
Timothy L. Campbell	Anthropology	Texas A&M University-College Station	Pilot Study on the Utility of Ecological Functional Morphology Assessments of Environment based on Rodent Postcrania Using Geometric Morphometrics
Ioana A. Dumitru	Anthropology	Johns Hopkins University	Mapping Ancient Red Sea Obsidian Trade Routes Using Satellite Imagery and GIS Applications
Halszka Glowacka	Anthropology	Arizona State University	Biomechanical Constraints on Molar Eruption: Implications for the Study of Human Life History Evolution
Courtney D. Malcom	Anthropology	Washington State University	Maternal Nutritional Depletion among the Aka Foragers and Ngandu Horticulturalists of the Central African Republic
Megan D. Parker	Anthropology	Georgia State University	Deforestation and its Social Implications at the Maya site of Pacbitun, Cayo District, Belize
Alicia M. Stout	Anthropology	Indiana University - Bloomington	Dry Habitat Chimpanzee (Pan troglodytes schweinfurthii) Male Neighborhoods and Multi-Tiered Alliances: Utilizing Molecular Ecology at the Toro-Semliki Wildlife Reserve
Sadie Weber	Anthropology	Harvard University	Isotopic and Archaeological Approaches to Camelid Use and Ecology in Peru
Melinda A. Yang	Anthropology	University of California-Berkeley	A population genetic approach to distinguishing ancient populations in Early Bronze Age China

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Ashley Atwell	Behavioral Ecology	University of Nebraska at Lincoln	The Interactions of Age, Male Density, and Predation on Female Mate Choice Plasticity
Lynne Beaty	Behavioral Ecology	Oklahoma State University	How does experience shape behavior across anuran metamorphosis?
Lisa R. Cantwell	Behavioral Ecology	University of Tennessee-Knoxville	The Effect of Predatory and Non-predatory Avian Vocalizations on Corticosterone Levels in Anolis sagrei
Erin E. Grabarczyk	Behavioral Ecology	Eastern Kentucky University	The influence of parental alarm calls to different predatory threats on nestling behavior in Eastern bluebirds (Sialia sialis)
Melanie F. Guigueno	Behavioral Ecology	University of Western Ontario	Sex differences in spatial cognition in brown-headed cowbirds: testing the adaptive specialization hypothesis in a species with sex-role-reversed use of space
William R. Haffey	Behavioral Ecology	Fordham University	Avian Perceptions of Patterned Glass Windows
Son Young (Diana) Kim	Behavioral Ecology	Texas State University-San Marcos	Effect of social environment on male mate choice and hormone response
Toby Klein	Behavioral Ecology	Hofstra University	The effect of population density on the nursing behavior of Bison (Bison bison) calves: an indication of maternal condition?
Rebecca E. Koch	Behavioral Ecology	Auburn University	Experimental tests of the resource tradeoff hypothesis for signal honesty
Dawn K. Konkoly	Behavioral Ecology	Fordham University	An Experimental Approach to Quantifying Anthropogenic Light and Noise Effects on the Avian Dawn Chorus Onset
Helen F. McCreery	Behavioral Ecology	University of Colorado at Boulder	Why are some ants brilliant at cooperative transport?

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Angela L. Medina-Garcia	Behavioral Ecology	New Mexico State University	Testing the Relationship of the Complexity of Learned Vocalizations on Reproductive Success in a Neotropical Parrot
Julie S. Miller	Behavioral Ecology	Cornell University	Collective decision-making in slave-making ants and the role of conflict
David T. Peck	Behavioral Ecology	Cornell University	Manipulation of the frequency of mouse (Mus musculus) mating behavior via oviduct occlusion resulting from vaginal infection with Chlamydiae (Chlamydia muridarum)
Kristin H. Sabbi	Behavioral Ecology	University of New Mexico	The ontogeny of sex-differentiated social behaviors in the Kanyawara community of chimpanzees (Pan troglodytes schweinfurthii) at Kibale National Park, Uganda
Amanda V. Scampini	Behavioral Ecology	University of Nevada, Reno	The Effects of Sleep Derivation on Learning and Memory in Bumblebees
Brittany Slabach	Behavioral Ecology	University of Kentucky	Analysis and determinants of social structure in a gregarious mega-herbivore population
John C. Szot	Behavioral Ecology	Villanova University	Song recognition in black-capped and Carolina chickadee hybrids: an experimental approach
Angela Tringali	Behavioral Ecology	University of Central Florida	Can changes in hormone levels explain why reducing a plumage ornament causes a reduction in social dominance?
Sandra Troxell-Smith	Behavioral Ecology	University of Illinois at Chicago	Animal Welfare Assessment Through Foraging: Understanding the Patagonian Mara's (Dolichotis patagonum) Point of View

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Michael L. Yuan	Behavioral Ecology	Cornell University	Characterization of Gopher Tortoises (Gopherus polyphemus) Social Networks at Archbold Biological Station
Jeremy R. Bechelli	Cell Biology/Biochemistry	University of Texas Medical Branch	Identification of murine dermal cells infected with the E. muris-like agent.
Johnathon D. Bishop	Cell Biology/Biochemistry	Hampden-Sydney College	Melanoma-associated Suppression of Dendritic Cell Maturation and Activation
Brittany D. Conroy	Cell Biology/Biochemistry	University of Nebraska at Omaha	A Mechanistic Model of CAV1 in T Cells
Natalie Damaso	Cell Biology/Biochemistry	Florida International University	Comparison of Two Novel Polymers using Capillary Electrophoresis for Bioseparations of Complex DNA Mixtures
Nancy P. Echeverri	Cell Biology/Biochemistry	Miami University Ohio	PhD in Zoology
Lori N. Eidson	Cell Biology/Biochemistry	Georgia State University	The Role of Periaqueductal Gray Glial Cell Activity in Morphine Tolerance Development
Jayalakshmi Govindan	Cell Biology/Biochemistry	Lehigh University	Studying Hyaluronic acid metabolism during zebrafish fin regeneration : Morpholino mediated in vivo Knockdown of has1 and has2 in regenerating fin
Jacob A. Goyden	Cell Biology/Biochemistry	Boise State University	Mechanical and Inflammatory Regulation of the Osteoblast in the Breast Cancer Metastatic Niche
David T. Hoang	Cell Biology/Biochemistry	Thomas Jefferson University	Targeting Stat5a/b signaling in prostate cancer stem cells to eliminate growth of castrate-resistant prostate cancer
Mariam Ksovreli	Cell Biology/Biochemistry	Ilia State University	Nanoarchitecture and nanomechanics of living hippocampal neuron treated with epilepsy-produced drugs: atomic force microscopic study

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John W. Maddox	Cell Biology/Biochemistry	Louisiana State University-Baton Rouge	Effects of nitric oxide on amacrine cell light responses in the chicken retina
Maninder P. Malik	Cell Biology/Biochemistry	University of North Texas Health Science Center at Fort Worth	NEUROPROTECTIVE EFFECT OF SIGMA 1 RECEPTOR SELECTIVE LIGAND
Peter A. Minchella	Cell Biology/Biochemistry	Cornell University	Iron homeostasis during Tuberculosis (TB) Pathogenesis
Jennifer M. Noel	Cell Biology/Biochemistry	University of Louisville	Transient Receptor Potential Cation Channel Vanilloid 1 (TRPV1) Modulates Retinal Ganglion Cell Responses to Light
Rangarajan Padmanabhan	Cell Biology/Biochemistry	University of Maryland, College Park	Role of Cadherin6B Endocytosis in Emigration of Premigratory Neural Crest Cells
Yong H. Park	Cell Biology/Biochemistry	University of North Texas Health Science Center at Fort Worth	Characterizing the Neuroprotective Role of AMPA Receptors in Purified Retinal Ganglion Cells
Britney O. Pennington	Cell Biology/Biochemistry	University of California-Santa Barbara	Characterization of a Novel Substrate for Stem Cell Based Therapies for Ocular Disease
Betty A. Ray	Cell Biology/Biochemistry	Appalachian State University	Notch-mediated skeletal muscle repair
Mitchel L. Reuter	Cell Biology/Biochemistry	University of Wisconsin-La Crosse	Structural Impact of Calmodulin Oxidation
Surbhi Sharma	Cell Biology/Biochemistry	University of Nevada-Las Vegas	Testing a theoretical framework for making minimotif predictions
Erik M. Stephens	Cell Biology/Biochemistry	Thomas More College	Yeast Prion [MOT3+] Amyloid Fiber Disaggregation by sHsp26
Ha-Jung Sung	Cell Biology/Biochemistry	East Tennessee State University	Identification of key genes associated with triacylglycerol biosynthesis in avocado fruit.
Andrew Urick	Cell Biology/Biochemistry	University of Minnesota, Twin Cities	Drugging the Undruggable: Development of Fluorine NMR Methods for Highly Sensitive Protein Binding Assays

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Tongji Xing	Cell Biology/Biochemistry	Appalachian State University	Differential Gene Regulation as a Possible Factor Affecting Sensitivity of Soybean Cultivars to Ozone
Lei Zhong	Cell Biology/Biochemistry	Georgia State University	Studying neuronal regeneration with multi-electrode array recordings
Robert G. Dorfman	Chemistry	University of Oxford	Controlling entanglements in orthopedic grade polyethylene to enhance mechanical properties
Julia D. Fine	Chemistry	Pennsylvania State University	Toxicity of NMP to Honey Bees
Michael L. Mashtare	Chemistry	Purdue University-West Lafayette	Evaluating the Biotransformation of 17alpha-estradiol, 17beta-estradiol, and Estrone in Impacted Sediments Under Iron-Reducing and Methanogenic Conditions
Burcu B. Minsky	Chemistry	University of Massachusetts Amherst	Physicochemical Characterization of Heparin-Protein Interactions
Lindsey A. Olivere	Chemistry	Duke University	The Nature of the Unfolded State: Using Physical Chemistry to Develop a Model of the Unfolded λ Repressor Protein Ensemble to Better Understand Other Intrinsically Unfolded Proteins
Gabriella Perell	Chemistry	University of Minnesota, Twin Cities	Achieving Inhibition of Protein-Protein Interactions via Stabilized alpha-helical Mimetics
Angela N. Smith	Chemistry	Lehigh University	CO oxidation on Au nanoparticles with ozone: Does ozone oxidize CO or Au first?
Jeremy Straub	Computer Science/Mathematics	University of North Dakota	Autonomous Control of Multiple Heterogeneous Craft with Divergent Movement Capabilities

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Dustin S. Baumbach	Conservation Biology	Loma Linda University	Ecology of imperiled Hawksbills (Eretmochelys imbricata) in Pacific Honduras
Benjamin C. Colteaux	Conservation Biology	Virginia Commonwealth University	Mercury Bio-Accumulation Levels in Various Size Classes of the Common Snapping Turtle, Chelydra serpentina
Beth A. Fitzpatrick	Conservation Biology	University of Wyoming	EFFECTS OF LANDSCAPE CHANGE ON GREATER SAGE-GROUSE
Marina E. Hydeman	Conservation Biology	Cornell University	Pathogen Dynamics in Endemic Amphibians of the Gulf of Guinea Islands, Africa
Mark Ladd	Conservation Biology	Florida International University	Direct and indirect effects of outplanting variable densities of the threatened staghorn coral (Acropora cervicornis) to restore coral reefs in South Florida
Hollie R. Lybarger	Conservation Biology	Southern Illinois University-Edwardsville	Locomotor Response and Bioaccumulation of Heavy Metals via Mining Pollution in Rocky Mountain Tailed Frog Tadpoles (Ascaphus montanus)
Sandra Mardonovich	Conservation Biology	Miami University Ohio	Investigation of natural populations of Carica papaya's morphological and genetic structure throughout Mesoamerica
Mary A. Rogalski	Conservation Biology	Yale University	Resurrecting Rapid Evolutionary Responses to Historic Pollution
Natasha Schvezov	Conservation Biology	Centro Austral de Investigaciones Cientɸficas	Stress in king crabs from Beagle Channel under live transport conditions
Sara M. Thoma	Conservation Biology	Central Michigan University	Evaluating the role of Hemimysis anomala in the food webs of spawning reefs in Lake Michigan and Lake Huron: a stable isotope approach

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Janna Willoughby	Conservation Biology	Purdue University-West Lafayette	Inbreeding, genetic diversity, and adaptation to captivity: the impact of breeding protocol on experimental white-footed mice (Peromyscus leucopus) populations
Heather D. Wills	Conservation Biology	University of Nebraska at Omaha	Effects of Wind Turbines on Levels of Stress Response Hormones in Prairie Grouse
Daniel N. Anstett	Ecology	University of Toronto at Mississauga	Latitudinal patterns of herbivory and defence across Oenothera (Onagraceae)
Rebecca L. Atkins	Ecology	University of Florida	Testing the effect of spatial heterogeneity on the species-area relationship
Benedicte Bachelot	Ecology	Columbia University	Linking tree demography to the communities of enemies and soil microbes across forest regeneration
Sahas S. Barve	Ecology	Cornell University	Competition or Physiology, what determines elevational distribution in Himalayan birds.
Ganesh P. Bhattarai	Ecology	Louisiana State University-Baton Rouge	Latitudinal gradients in apparent competition between native and exotic genotypes of Phragmites australis and implications for invasion success
Elisabeth Carpenter	Ecology	Syracuse University	More Accurately Predicting Biodiversity Loss Due to Habitat Destruction and Fragmentation for Insect Communities in Old Fields
Yan-Yi A. Chung	Ecology	University of New Mexico	Biological soil crusts as a keystone driver in plant and arthropod community dynamics in arid and semiarid ecosystems
Staige E. Davis	Ecology	University of Virginia	Can certain bumblebees (Bombus spp.) defend themselves against fatal infections by parasitic fly larvae (Conopidae)?

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Jennifer Elliott	Ecology	College of William and Mary	Does coral fragment size matter when doing coral transplantation for coral reef restoration?
Eric T. Ellison	Ecology	Lehigh University	Assessing iron limitation of nitrogen fixation by Anabaena flos-aquae in freshwater continuous culture.
Megan C. Fitzgerald	Ecology	California State University-Long Beach	The Relationship between Biodiversity and Ecosystem Function in a Coastal Wetland
David G. Flagel	Ecology	University of Notre Dame	The cascading impacts of wolves beyond plants: Effects on Great Lakes forest nutrients
Megan K. Gallagher	Ecology	University of California-Irvine	Global climate change induced shifts in abiotic resources may affect plant-pollinator mutualisms
Melquisedec Gamba-Rios	Ecology	University of Tennessee-Knoxville	Bats at Cocos Island (Costa Rica): Assessment and Monitoring Cocos Island, Costa Rica
Tamara Gaspar	Ecology	University of North Carolina at Charlotte	Polystyrene acts as a Trojan Horse delivering pyrene to the Eastern Oyster Crassostrea virginica
Shinjini Goswami	Ecology	Miami University Ohio	Investigating species-specific nutrient limitation in northern hardwoods
Crystal A. Guzman	Ecology	University of Illinois at Chicago	Post-Dispersal Recruiment of Late-Successional Tree Species in a Tropical Pasture
Thayer C. Hallidayschult	Ecology	University of Oklahoma	Population dynamics of and interactions between the invasive zebra mussel (Dreissena polymorpha) and the invasive Harris mud crab (Rhithropanopeus harrisii)
Anne-Marie C. Hodge	Ecology	University of Wyoming	Rainfall as a driver of mesopredator release in central Kenya

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Christopher J. Holmes-Singh	Ecology	University of Illinois at Urbana-Champaign	Eco-evolutionary Feedbacks on Colonization Dynamics in Newly Formed Ponds
Brian M. Hoven	Ecology	Miami University Ohio	The effect of emerald ash borer-caused canopy gaps on understory invasive shrubs and forest regeneration
Meredith Jordan	Ecology	Portland State University	Assessing how climate change and eutrophication impact effects to Daphnia from methylmercury
Jo-Marie E. Kasinak	Ecology	Auburn University	Do grass carp mediate alternative stable states in pond ecosystems?
John M. Maddux	Ecology	University of Illinois at Urbana-Champaign	Mⁿllerian mimicry in bumble bees: The role of birds in natural selection
Jill Mandel	Ecology	SUNY College of Environmental Science and Forestry	A historical survey of the chemical ecology of great blue herons (Ardea herodias) in the northeastern United States
Katherine E. Markham	Ecology	University of Victoria	Sex differences in diet of adult Propithecus verreauxi within two forest types in southern Madagascar during the birth season.
Kenan Matterson	Ecology	University of Alabama at Birmingham	The effects of reduced irradiance on sponge-cyanobacteria symbiosis: A comparison between specialist and generalist associations
Donald T. McKnight	Ecology	Missouri State University	Reproductive ecology of western chicken turtles (Deirochelys reticularia miaria)
Rachel McNeish	Ecology	University of Dayton	Invaded riparian forests alter in-stream nutrient availabity and indirectly contribute to harmful algal blooms
Nabil A. Nasseri	Ecology	University of Vermont	Ant-Hemipteran Mutualist: Host plant antagonist or budding mutualist?

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Jessica R. Peebles-Spencer	Ecology	Miami University Ohio	Interactions between Amur Honeysuckle (Lonicera maackii) and Native Tree Species in the Presence of White-tailed Deer (Odocoileus virginianus): Competition or Facilitation?
Carly Phillips	Ecology	University of Georgia	Do Plant-Soil Feedbacks Influence Arctic Soil Carbon Storage?
Sarah Polin	Ecology	University of Aberdeen	Red and Green aphids, a bacterium in-between to counter enemies'pressures.
Ann Rasmussen	Ecology	University of Mississippi	Does Fire Intensity Affect Fungal Enzyme Activity in a Mixed Oak-Pine Forest?
Eric Riddell	Ecology	Clemson University	High and dry: an investigation of intraspecific variation of water loss rates of salamanders along an elevational gradient
Elizabeth Rielly	Ecology	Temple University	The effects of nutrients and habitat isolation on consumer-resource dynamics in seagrass beds
Andrew Shantz	Ecology	Florida International University	Size-Dependent Herbivore Control of Macroalgae Communities
Erin E. Shortlidge	Ecology	Portland State University	Testing mutualism theory in the ancients: Exploring a scent-based plant-pollinator-like relationship between the mosses and microarthropods
Samuel P. Slowinski	Ecology	Indiana University - Bloomington	Chemical defenses of birds against disease vectors
Supatcharee Tanasarnpaiboon	Ecology	University of Georgia	Abundance, distribution, and habitat use patterns of Gaur (Bos gaurus) in Kuiburi National Park, southwestern Thailand
Jennifer B. Tennessen	Ecology	Pennsylvania State University	The consequences of traffic noise exposure history on the stress response to noise in populations of wood frogs (Lithobates sylvaticus)

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Allison M. Tracy	Ecology	Cornell University	Synergistic stressors on threatened reefs: Do copper pollution and thermal stress mediate host-pathogen dynamics in the Caribbean sea fan Gorgonia ventalina?
Nash E. Turley	Ecology	University of Toronto at Mississauga	The evolutionary effects of rabbit grazing on plant defenses in red fescue (Festuca rubra)
Benjamin Waitman	Ecology	University of California-Davis	Does nitrogen deposition impair tree seedling growth by limiting soil mutualists?
Justin L. Weiser	Ecology	Christopher Newport University	The Effect Of Hydrology And Depth On Carbon Dioxide Emissions In The Great Dismal Swamp State Park
Sarah J. Wood	Ecology	University of Tennessee	The Legacy of Ants on Soil Properties in an Alpine Meadow
Gavriel Feuer	Engineering	SUNY Downstate Medical Center	The Dynamic Mechanical Behavior of Trabecular Bone
Jianlong Gao	Engineering	Washington State University - Vancouver	Experimental and analytical studies of superhydrophobic surfaces on polymer films
Gerrad D. Jones	Engineering	University of Nevada, Reno	Evaluation of the environmentally relevant tate and transport mechanisms of trenbolone acetate metabolites
Ashwati Krishnan	Engineering	Carnegie Mellon University	Safe Circuit Design for a Retinal Prosthesis to Restore Sight to the Blind
Martin Pendola	Engineering	SUNY Downstate Medical Center	Microwave sintering for improvement of dental ceramics
Kyle K. Phua	Engineering	Duke University	Proof-Of-Concept Evaluation Of A Nasal Delivery Platform Technology For Biologics Using Perfluorocarbon Double Emulsions

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Carli A. Arendt	Hydrology/Geomorphology	University of Michigan-Ann Arbor	Nd isotopic ôfingerprintingö of chemical weathering in subglacial systems
Bryan T. Barry	Hydrology/Geomorphology	College of St. Rose	Investigating Microplastic Contamination in New York State Waterways
Megan J. Haserodt	Hydrology/Geomorphology	University of Wisconsin-Madison	Understanding the Effect of Roadways on the Movement of Groundwater through Peatlands and Potential Impacts to Salmon Habitat
Kevin T. Quinlan	Hydrology/Geomorphology	University of North Carolina at Chapel Hill	Controls on Fluvial Geomorphology in the Canadian Rocky Mountains
Casey Albritton	Paleontology/Sedimentation	University of North Carolina at Wilmington	CONODONT BIOCHRONOLOGY AND STABLE ISOTOPE GEOCHEMISTRY ACROSS THE CARNIAN-NORIAN BOUNDARY AT TWO SITES IN THE BLUE MOUNTAINS PROVINCE, OREGON
Laura J. Clarke	Paleontology/Sedimentation	South Dakota School of Mines and Technology	Drivers of Exceptional Preservation in Leaves and Insects: An Experimental Analysis
Robin M. Green	Paleontology/Sedimentation	Indiana University - Bloomington	Ostracodes as proxies for Pleistocene climate history at early hominid site, Olduvai Gorge, Tanzania
Evan R. Jones	Paleontology/Sedimentation	Colorado School of Mines	CHARACTERIZING THE RESPONSE OF FLUVIAL SYSTEMS TO EXTREME GLOBAL WARMING DURING THE EARLY EOCENE CLIMATIC OPTIMUM: AN ANALYSIS OF SANDSTONE PETROFACIES IN THE WASATCH AND GREEN RIVER FORMATIONS IN THE UINTA BASIN, UTAH
Ashley C. Morhardt	Paleontology/Sedimentation	Ohio University	Brain reconstruction and evolution in dinosaurs and their modern-day relatives (Archosauria)

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Anthony D. Muscente	Paleontology/Sedimentation	Virginia Polytechnic Institute and State University	Microchemical characterization of intracellular structures in the earliest animal fossils
Swapan K. Sahoo	Paleontology/Sedimentation	University of Nevada-Las Vegas	Constraining Middle Proterozoic to Early Neoproterozoic Ocean Oxygenation Through Metal-Iron Geochemistry in the Vindhyan Basin, India
Lidya G. Tarhan	Paleontology/Sedimentation	University of California-Riverside	Tracking the Pace of Seafloor Colonization at the Beginning of the Age of Animals: A Case Study from the Cambrian of the Death Valley Region, Western USA
Ashley R. Berg	Petrology/Geochemistry	University of Tennessee-Knoxville	Calcitized Evaporites and Evolution of EarthÆs Marine Environment
Amber L. Gullikson	Petrology/Geochemistry	Northern Arizona University	Investigations on the origin of silicic volcanism on the lunar surface.
Quin A. Lenz	Petrology/Geochemistry	University of Wisconsin-Oshkosh	USING OLIVINE-HOSTED SPINELS TO DETERMINE THE HETEROGENEITY OF THE MANTLE BENEATH THE SOUTHERN CASCADES
Kaitlyn Nelson	Petrology/Geochemistry	Central Washington University	Constraining Timing and Source of Alkali-Enrichment at Mt. Etna, Sicily using in situ clinopyroxene data
Ryan J. Quinn	Petrology/Geochemistry	University of Wisconsin-Madison	New Methods in Oxygen Isotope Thermometry
Henry S. Talley	Petrology/Geochemistry	Western Washington University	Mineral chemistry of a metasedimentary migmatite suite: petrogenesis of leucosomes in the Skagit Gneiss, North Cascades, Washington, USA
Julia L. Wise	Petrology/Geochemistry	University of Cincinnati	Big Bone Lick: A natural laboratory for the study of brine interaction with the environment.
Rachael L. Beaton	Physics/Astronomy	University of Virginia	Revealing the Milky Way: Confirmation of New Open Clusters in the Disk

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Anthony Cheetham	Physics/Astronomy	University of Sydney	Fizeau Interferometric Cophasing of Segmented Mirrors
Chian-Chou Chen	Physics/Astronomy	University of Hawaii at Manoa	Investigations on the origin of the submillimeter extragalactic background light
Christopher V. Griffith	Physics/Astronomy	Pennsylvania State University	The Development of the Speedster-EXD Hybrid CMOS X-ray Detector
Michael J. Jewell	Physics/Astronomy	Drexel University	Photoelectron Source for Liquid Xenon Purity Studies for EXO
Alyssa J. McKenna	Physics/Astronomy	University of Minnesota, Twin Cities	Atomic-Scale Mechanisms of the Photo-Initiated Ultrafast Motion of Carbon Nanotube-Polymer Composites
Arpita Roy	Physics/Astronomy	Pennsylvania State University	Development of a NanoScrambler for Precision Radial-Velocity Planet Searches
Karl B. Schliep	Physics/Astronomy	University of Minnesota, Twin Cities	Visualizing Magnetism Dynamics in GdFeCo Thin Films with Ultrafast Transmission Electron Microscopy
Emma Taylor	Physics/Astronomy	Guilford College	Investigating the Relationship Between the Temporal and Spectral Indexes of Gamma-Ray Bursts Using GROND Data
Allison Bailey	Physiology/Functional Morphology	Indiana University - Bloomington	Physiological mechanisms underlying differential HPG axis function between two reproductively active seasonal morphs in Siberian hamsters (Phodopus sungorus)
Timothy S. Balmer	Physiology/Functional Morphology	Georgia State University	Mechanisms of critical period closure in the retinocollicular pathway
Philip Chu	Physiology/Functional Morphology	The Graduate Center, The City University of New York	The Regulation of Synaptic Activity by Perineuronal Nets.

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Brian F. Corbett	Physiology/Functional Morphology	Thomas Jefferson University	Corticothalamic Network Dysfunction and Cognitive Deficits in a Mouse Model of AlzheimerÆs Disease
Kristin M. Engbrecht	Physiology/Functional Morphology	Washington State University	A novel role for leptin in Xenopus laevis limb regeneration
Karen E. Field	Physiology/Functional Morphology	Louisiana State University-Baton Rouge	The role of chemosensory signaling during reproduction in the social African cichlid fish Astatotilapia burtoni
Cassandra N. Gearhart	Physiology/Functional Morphology	Ben-Gurion University of the Negev	Homing bats: Mammalian plasma volume maintenance during flight
Katrina E. Jones	Physiology/Functional Morphology	Johns Hopkins University School of Medicine	Scaling and Evolution of the Mammalian Spine: A 3D Analysis of Vertebral Allometry
Briette V. Karanfilian	Physiology/Functional Morphology	Lafayette College	Biliverdin: Presence and Response to Immune Challenge in European Starlings (Sturnus vulgaris)
Matthew A. Kolmann	Physiology/Functional Morphology	University of Toronto at Scarborough	A functional examination of jaw suspension muscle performance physiology in cartilaginous fishes
Jessica A. Kurth	Physiology/Functional Morphology	University of North Carolina at Chapel Hill	The Effects of Body Size on Earthworm Burrowing Kinematics: An Analysis Using X-Ray Cinematography
Chenyi Ling	Physiology/Functional Morphology	University of Illinois at Chicago	Mechanism of the racial differences in endothelial cells response to C-reactive protein
Ruth E. McDowell	Physiology/Functional Morphology	University of Alabama at Birmingham	The Source of Reactive Oxygen Species in the Macroalgal Wound Response
Danielle T. Porter	Physiology/Functional Morphology	Louisiana State University-Baton Rouge	LeptinÆs Role in the Integration of Feeding and Reproductive Circuits in the Brain
Claire Riggs	Physiology/Functional Morphology	Portland State University	The role of microRNA in extreme anoxia tolerance of Austrofundulus Limnaeus

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Megan M. Skrip	Physiology/Functional Morphology	University of Rhode Island	High-antioxidant diet and exercise in songbirds: understanding oxidative balance during endurance flight and the subsequent effects on egg composition
Kristin K. Stover	Physiology/Functional Morphology	Brown University	Why the wobble? A locomotory investigation of wild and domestic turkeys
Megan H. Trager	Physiology/Functional Morphology	Williams College	Comparison of a Bimanual and Unimanual Finger Tapping Test for Detection of Upper-Limb Movement Variability and Freezing Episodes in ParkinsonÆs Disease
Sefanit G. Tucker	Physiology/Functional Morphology	Yale University	Functional Magnetic Resonance Imaging in Rat Response to Ultraviolet Stimuli
Matthew C. Valdez	Physiology/Functional Morphology	University of California-Riverside	A Novel Permissive Role of Astrocytes in Neuroendocrine Function
Parviz L. Bozzelli	Psychology	George Mason University	An investigation of ceruloplasmin levels in the brains of copper-deficient transgenic mice
Natalie G. Brei	Psychology	University of Wisconsin-Milwaukee	Parenting Stress in Parents of Children with Autism Spectrum Symptomatology
Sunny J. Dutra	Psychology	Yale University	Characterizing Reward Processing Dysfunctions in Bipolar Disorder: A Translational Affective Neuroscience Approach
Ross M. Lafleur	Psychology	University of Wisconsin-Milwaukee	Psychological flexibility in tinnitus suffers with and without comorbid psychological symptoms
Teljer L. Liburd	Psychology	University of Pittsburgh	Cross-language transfer and cue reliability in beginning second language learning: An eye-tracking study
Joseph D. McDonald	Psychology	Georgia Institute of Technology	Behavioral Interventions for Reducing Post-completion Errors in Safety-critical Systems

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Kevin D. Schmidt	Psychology	George Mason University	Glucocorticoid Effects on Learning and Zinc
Dakota Ahrendsen	Systematics/Evolutionary Biology	University of Nebraska at Omaha	Phylogenetic diversity assessment of Fabaceae between geographic sites using next-generation sequencing
Ona S. Alminas	Systematics/Evolutionary Biology	University of Wisconsin-Milwaukee	Phylogeographic inference of insular mule deer (Odocoileus hemionus) divergence in Baja California
Malcolm E. Augat	Systematics/Evolutionary Biology	University of Virginia	Constraints on differentiation in complex mating systems
Samuel R. Borstein	Systematics/Evolutionary Biology	California State University-Sacramento	Detecting convergent evolution among two adaptive radiations of African cichlids
Janet C. Buckner	Systematics/Evolutionary Biology	University of California-Los Angeles	Phylogenomic Biogeography of the Callitrichidae (Marmosets and Tamarins)
Christopher R. Campbell	Systematics/Evolutionary Biology	Duke University	Using single molecule sequencing to elucidate IgG antibody diversity in CoquerelÆs Sifaka (Propithecus coquereli)
Melissa B. DeBiasse	Systematics/Evolutionary Biology	Louisiana State University-Baton Rouge	Comparison of morphological and molecular species boundaries in a phenotypically plastic sponge genus
Kira Delmore	Systematics/Evolutionary Biology	University of British Columbia	Genetic basis of migratory orientation
Cynthia A. Dick	Systematics/Evolutionary Biology	University of California-Riverside	Linking Phenotype to Genotype: the Genetics of Adaptive Coloration in the Guppy
Michelle H. Downey	Systematics/Evolutionary Biology	Rice University	Using the G-matrix to understand how gene flow changes adaptive potential: a laboratory study of Bruchid beetles

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Ryan N. Felice	Systematics/Evolutionary Biology	Ohio University	Taking bird evolution by the tail: Exploring the relationship between bird tail feathers and the tail skeleton
Nicholas K. Fletcher	Systematics/Evolutionary Biology	Cornell University	Genomic differentiation during refugial isolation and its impacts on current diversity of the field vole (Microtus agrestis)
Alexandra M. Galindo	Systematics/Evolutionary Biology	Universidad de Puerto Rico en Mayaguez	MORPHOLOGIC AND MOLECULAR IDENTIFICATION OF BENTHIC OSTRACODS FROM CARIBBEAN MESOPHOTIC REEFS
Casey A. Gilman	Systematics/Evolutionary Biology	University of Massachusetts Amherst	SQUAMATE HEMIPENES: DEEP HOMOLOGY OR EVOLUTIONARY NOVELTY? A DEVELOPMENTAL STUDY IN ANOLIS CAROLINENSIS
Kiyoko M. Gotanda	Systematics/Evolutionary Biology	McGill University	Spatiotemporal variation in assortative mating in Darwin's finches
Stephanie M. Grieb	Systematics/Evolutionary Biology	Hofstra University	Geographic distribution of VKORC1 mutations associated with rodenticide in Rattus norvegicus in the New York City area
Matthew L. Holding	Systematics/Evolutionary Biology	Ohio State University	A Tale of Two Traits: Complex Coevolution between Venoms of Northern Pacific Rattlesnakes and Resistance Levels of California Ground Squirrels
Benjamin B. Johnson	Systematics/Evolutionary Biology	Cornell University	Comparative functional genetics and evolution of thermal adaptation in North American salamanders (genus Ambystoma)
Heather R. Kates	Systematics/Evolutionary Biology	University of Florida	Reconstructing the domestication histories of pumpkins and squashes (Cucurbita) using phylogenomic techniques.

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Melissa E. Kemp	Systematics/Evolutionary Biology	Stanford University	Lizards in time and space: A genetic approach to understanding ancient lizard diversity of the Caribbean
Courtney N. Klunder	Systematics/Evolutionary Biology	Syracuse University	Host-associated divergence of a cheater yucca moth
Sarah M. Kopac	Systematics/Evolutionary Biology	Wesleyan University, Connecticut	Diversification of bacterial ecotypes of Bacillus subtilis-licheniformis along a salinity gradient in Death Valley soils
Gretchen E. Kroh	Systematics/Evolutionary Biology	St. Edward's University	Long Term Fitness as a Function of Stored Sperm in Female Livebearing Western Moquitofish, Gambusia affinis
Alexander R. Krohn	Systematics/Evolutionary Biology	University of California-Berkeley	Adaptive Coloration in Melanic Collared Lizards
Jacob B. Landis	Systematics/Evolutionary Biology	University of Florida	Evolution of Flower Color and its Significance in Polemoniaceae: Phylogeny Reconstruction and Character Mapping in Linanthus and Leptosiphon
Brandy R. Lawrence	Systematics/Evolutionary Biology	University of Findlay	Coevolution of host plants and pathogenic fungi; are patterns of fungal diversification influenced by host plant specificity in Ophiognomonia (Gnomoniaceae, Diaporthales)?
Shih-Hui Liu	Systematics/Evolutionary Biology	Saint Louis University	Polyploid evolution in Ludwigia section Macrocarpon (Onagraceae)
Skye Long	Systematics/Evolutionary Biology	University of Massachusetts Amherst	Neuromorphological Variation in Spider Brains and the Link Between Brain Morphology and Behavior
Nicholas A. Mason	Systematics/Evolutionary Biology	Cornell University	Phylogenomic patterns of population divergence and species limits the widespread Horned Lark (Eremophila alpestris)

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Steven J. Micheletti	Systematics/Evolutionary Biology	Washington State University	Genetic variation across species' geographical ranges: finding support for the central-marginal hypothesis in streamside salamanders (Ambystoma barbouri)
Iwan E. Molgo	Systematics/Evolutionary Biology	University of Florida	Elucidating the polyploid complexes within Callisia Loefl. section Cuthbertia (Commelinaceae)
Ryan P. Moraski	Systematics/Evolutionary Biology	University of Florida	Unraveling a rapid radiation in the Neotropics using phylogenomics
Roy N. Platt	Systematics/Evolutionary Biology	Mississippi State University	Phylogenomics of <i>Myotis<i> (Chiroptera) using retrotransposon insertions and DNA sequence data.
Imana L. Power	Systematics/Evolutionary Biology	University of Georgia	Molecular variability of Puccinia arachidis
Beth A. Reinke	Systematics/Evolutionary Biology	Dartmouth College	Investigating the function and production of plastron coloration in freshwater pond turtles (Family: Emydidae
Joanna L. Rifkin	Systematics/Evolutionary Biology	Duke University	Evolution from standing genetic variation in the selfing rate of Ipomoea cordatotriloba
Phillip L. Skipwith	Systematics/Evolutionary Biology	University of California-Berkeley	COMPARATIVE BIOGEOGRAPHY OF TWO GECKO SPECIES IN NORTHERN AUSTRALIA
Andrew M. Snyder	Systematics/Evolutionary Biology	University of Mississippi	Exploring Cryptic Diversity in the Widespread Crested Toad complex (Rhinella margaritifer) Across the Guiana Shield
Clayton A. Sublett	Systematics/Evolutionary Biology	Sam Houston State University	A comprehensive revision of the New World genus Metaparia (Coleoptera: Chrysomelidae)
Susan L. Tremblay	Systematics/Evolutionary Biology	University of California-Berkeley	Character evolution in liverworts: evidence from the fossil record
Jacob D. Washburn	Systematics/Evolutionary Biology	University of Missouri-Columbia	Phylogenetic Analysis of the Grasses

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Jonathan L. Whitney	Systematics/Evolutionary Biology	University of Hawaii at Manoa	Using Comparative Genomics to Explore the Role of Natural Selection in an Ongoing Case of Divergence-with-gene-flow in a Hawaiian Reef Fish
Kenneth P. Wray	Systematics/Evolutionary Biology	Florida State University	Species Delineation in the Dwarf Salamander (Eurycea quadridigitata) Species Complex
Mary A. Barr	Tectonics/Geophysics	University of California-Davis	Determining a Holocene slip history for the Mojave section of the San Andreas Fault system: Quantifying slip over time by dating faulted landforms
David O. Oakley	Tectonics/Geophysics	Pennsylvania State University	Uplift and Deformation Rates of the North Canterbury Fold and Thrust Belt, New Zealand
Rachelle M. Warren	Tectonics/Geophysics	Central Washington University	Testing kinematic fault-slip models in the Eastern California Shear ZoneûWalker Lane Belt: Field studies in southwestern Mina deflection, CaliforniaûNevada.