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Research Field	Name	Institution	Title
Anthropology	Scott Blumenthal	The Graduate Center, The City University of New York	High resolution tooth enamel sampling using secondary ion mass spectrometry to recover short-term isotope shifts: implications for reconstructing paleoseasonality
Anthropology	Adrienne Bryan	Stanford University	The Politics of a Sacred Landscape: A Study of the Inca Ceque System
Anthropology	Jeffrey Dobereiner	Harvard University	Investigating the Role of Alcohol in Ancient Mesoamerican Societies Through Application of Novel Chemical Analytical Techniques
Anthropology	Tony Fitzpatrick	Georgia State University	Secular Change and Novel Methods of Stature Estimation: Research from Modern Skeletal Collections
Anthropology	Ryan Harke	University of South Florida	Understanding Prehistoric Shellfishing in Northwest Florida through the Sclerochronology of Busycon sinistrum and Triplofusus giganteus
Anthropology	Fumie Iizuka	University of Arizona	Monagrillo Ware, Panama's First Pottery (ca. 4500-3200 B.P.): Gathering Clays for Pottery Sourcing
Anthropology	Elizabeth Johnson	University of Michigan-Ann Arbor	Vocal grooming: The form and function of gelada vocalizations
Anthropology	Stephanie Nutter	Eastern New Mexico University	Southwestern Alignments
Anthropology	Clayton Pilbro	University of New Mexico	Comparison of Early Eocene San Juan Basin, NM Phenacolemur jepseni with Phenacolemur citatus and Phenacolemur praecox from Bighorn Basin, WY -A study of the variation and validity of these Phenacolemur species
Anthropology	Oscar Prieto	Yale University	Studying Early Fishing Communities and the Rise of Social Complexity in the Andean World
Anthropology	Jess Senjem	University of Wisconsin-Madison	Taphonomic Analysis of a Probable Leopard Assemblage in South Africa
Anthropology	Brittany Singletary	Florida Atlantic University	Analyzing the acoustic characteristics of Avahi peyrierasi in southeast Madagascar.
Anthropology	Laura Stroik	Arizona State University	The Competitive Environment of the Origination and Early Diversification of Euprimates in North America
Anthropology	Caroline VanSickle	University of Michigan-Ann Arbor	Changes in Neandertal female pelvis morphology and their implication for the evolution of childbirth
Behavioral Ecology	Emily Artz	Iowa State University	Effects of seed dispersal in shed bison hair on seed predation by granivores
Behavioral Ecology	Nicholas Ballew	Michigan State University	Personality variation in largemouth bass and its ecological consequences

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Behavioral Ecology	Amos Belmaker	Cornell University	Expected Longevity and Behavioral Syndromes in Tachycineta bicolor
Behavioral Ecology	Alexandra Bentz	Appalachian State University	Effects of social aggression on Tree Swallow (*Tachycineta bicolor*) offspring behavior and physiology
Behavioral Ecology	Sophia Callander	Australian National University	Keep your enemies close: can your neighbours affect your attractiveness?
Behavioral Ecology	Elizabeth Carlton	Indiana University	The Immunocompetence Handicap Hypothesis: Are energetics the missing link?
Behavioral Ecology	Ondi Crino	University of Montana	Developmental stress: physiological and reproductive consequences in the zebra finch
Behavioral Ecology	Kyle Elliott	University of Manitoba	How can wild birds work hard and live long?
Behavioral Ecology	Angela Freeman	University of Manitoba	Infrasound as a signal in mate selection by Pavo cristatus
Behavioral Ecology	Kristin Hook	Cornell University	Spermatophore Leks and Sperm Competition in a Pseudoscorpion (*Cheiridium museorum*)
Behavioral Ecology	Brittany Jenkins	University of Colorado at Boulder	Information content of sexual signals: a temporal investigation of stress responsiveness
Behavioral Ecology	Andrea Liebl	University of South Florida	Behavioral Syndromes in Invasive Species: Using a Recently Introduced House Sparrow Population as a Model
Behavioral Ecology	Keoleboge Malela	University of Botswana	Social networks in the Little Scrub Island ground lizard (*Ameiva corax*)
Behavioral Ecology	James O'Hanlon	Macquarie University	Floral mimicry in the orchid mantis (*Hymenopus coronatus*)
Behavioral Ecology	Kathleen Rudolph	University of Florida	Enslaved, Ejected or Cannibalized : The ‘Spoils of War’ in Acacia Ants
Behavioral Ecology	Joseph Sapp	University of California-Santa Cruz	Raiding behavior of Slave-making ants
Behavioral Ecology	Caitlin Stern	Cornell University	Reproductive skew in kin neighborhoods
Behavioral Ecology	Brian Stucky	University of Colorado at Boulder	Is this host taken? Acoustic parasitoids and detection of already-parasitized hosts
Behavioral Ecology	Cynthia Tedore	Duke University	Tracking visual attention to infer cognitive processes guiding species and sex recognition in jumping spiders
Behavioral Ecology	Natasha Tigreros	Tufts University	Every male’s dilemma: allocation to good looks vs. nuptial gifts?
Behavioral Ecology	Beck Wehrle	California State University-Northridge	Why do lizards lounge? The role of sociality in exchanging microbial communities among hatchling green iguanas (*Iguana iguana*)

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Cell Biology/Biochemistry	Angel Alvarez	University of Alabama at Birmingham	The role of NFKBIA in regulating glioblastoma-derived stem cell
Cell Biology/Biochemistry	Karla Barbosa-Sabanero	Miami University Ohio	Canonical Shh signaling:A Key for Retina Regeneration
Cell Biology/Biochemistry	Tamar Berger	Thomas Jefferson University	Profiling polyglutamine-expanded AR aggregates in spinal and bulbar muscular atrophy
Cell Biology/Biochemistry	Edna Bonilla	Universidad de los Andes	Axon guidance in Boninia divae and its association with neuroregeneration
Cell Biology/Biochemistry	Simran Brar	University of Wisconsin-Madison	Understanding how the N296H bestrophin mutation contributes to the development of Best's Disease mechanisms due to cytoplasmic point mutation
Cell Biology/Biochemistry	Jingyi Cao	Miami University Ohio	Establishment of a Protocol for Collecting Cell-type Specific Poly (A) Sites in Arabidopsis Roots
Cell Biology/Biochemistry	Erica Fishel	Washington University in St. Louis	Identification of the Arabidopsis EB1-binding proteins
Cell Biology/Biochemistry	Osric Forrest	Hampden-Sydney College	The Influence of Melanoma Tumor-Altered Dendritic Cells on T Cell Activation
Cell Biology/Biochemistry	Stephanie Frahs	Boise State University	Effects of Microgravity on Parathyroid Hormone-Related Peptide Expression in Cultured Osteocytes through Activation of the Calcium-Ion Channel
Cell Biology/Biochemistry	Christina Godfried Sie	Lehigh University	RNA Editing in IGFBP7 changes the amino acid sequence with potential consequences for its functions
Cell Biology/Biochemistry	Nealia House	Tufts University	The contribution of histone H3 and H4 modifications to the maintenance of CAG repeat stability
Cell Biology/Biochemistry	Sujatha Jagannathan	Duke University	Understanding cellular mRNA partitioning by tracking newly synthesized RNA
Cell Biology/Biochemistry	Venkatesh Krishnan	Pennsylvania State University	Visualizing matrix-proteases in a novel tri-culture mimicking vicious cycle of metastatic cancer to bone
Cell Biology/Biochemistry	Stephanie Moon	Colorado State University	A potential role for a highly structured, non-coding RNA derived from the dengue virus genome in modulating host mRNA decay
Cell Biology/Biochemistry	Brett Mueller	University of Texas Health Science Center at Fort Worth	Neuroprotective Properties of Sigma-1 Receptors in Primary Retinal Ganglion Cells
Cell Biology/Biochemistry	Bhavik Nathwani	Columbia University	Morpholometric analysis of dendritic spines using superresolution microscopy

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Cell Biology/Biochemistry	Robert Nichol	University of California-Riverside	Do PBDEs affect microtubule synthesis and synaptogenesis?
Cell Biology/Biochemistry	Kirsten Nole	Cedar Crest College	Examination of the role of Replication Protein A phosphorylation in the cellular response to Ultraviolet-induced DNA damage
Cell Biology/Biochemistry	Autum Pairett	Iowa State University	Identification of the G-protein binding partners of scallop eye opsins
Cell Biology/Biochemistry	Yong Park	University of North Texas Health Science Center at Fort Worth	Upregulation of Brain-Derived Neurotrophic Factor, Through Ampakines, Protects Primary Rat Retinal Ganglion Cells From Neurodegeneration
Cell Biology/Biochemistry	Aaron Robinson	University of Wisconsin-Oshkosh	YY1 EXPRESSION IN GROUND SQUIRREL RETINA
Cell Biology/Biochemistry	Maureen Shaw	Loyola University Chicago	Spartin protein associates with phospholipids via its senescence domain and acts as a lipid transfer protein
Cell Biology/Biochemistry	Kevin Spring	University of Houston	A stochastic model of macronuclear division in the Ciliate Chilodonella uncinata.
Cell Biology/Biochemistry	Lindsey Steiner	Ball State University	Virulence of Bacillus cereus during ocular infections in a mouse model
Cell Biology/Biochemistry	Jennifer Yeung	Thomas Jefferson University	12-HETrE regulates hemostasis and thrombosis via DGLA in the human platelet
Chemistry	Ying Bao	University of South Dakota	Density dependent plasmonic properties of gold nanorod thin films
Chemistry	Elise Cowley	Oregon State University	Bioassay Guided Fractionation of a Red Sea Strain of Lyngbya majuscula
Chemistry	Michael Krause	McGill University	Investigation of the existence of Carrier multiplication in CdSe Quantum dots
Chemistry	Sarah Nathan	Idaho State University	Synthesis of Cisplatin Analogs by Chiral Grignard Addition of 4-chloropyridine
Chemistry	Faye Walker	University of California-Santa Barbara	Incorporating Polyvalent Therapeutics into Six- and Ten-Stranded RNA Nanocubes
Computer Science/Mathematics	Corey Holland	Texas State University-San Marcos	Human Oculomotor Plant Modeling: Can human eye movements be accurately and precisely modeled/predicted by a two-dimensional linear homeomorphic model of the oculomotor plant?
Conservation Biology	Amy Freitag	Duke University	The Geography of Toxicity: A Collaborative Study of Estuarine Water Quality

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Conservation Biology	Cecibel Katherine Inga Pacheco	Universidad Central del Ecuador	Jaguar (*Panthera onca*), Puma (Puma concolor) and Human Interrelations in Guanacaste, Costa Rica
Conservation Biology	Jordan Kueneman	University of Colorado at Boulder	Community Ecology of Amphibian Microbes in the Presence of a Pathogen
Conservation Biology	Martina Lagatierra-Wellington	University of Cambridge	The effect of foraging and environmental enrichment on the expression of stereotypical behaviour in common marmosets
Conservation Biology	Rebecca Lauer	Ohio State University	Tracking Injured Snakes Rescued from Snake Charmers, Rehabilitated and Released in Nepal
Conservation Biology	Ramiro Ovejero	Instituto Argentino de Investigaciones de las Zonas Aridas (IADIZA-GIB-CCT-CONICET-MENDOZA)	Conservation endocrinology: a noninvasive tool to understand relationships between natural history, environmental and human activities with physiological stress responses in wild guanacos (*Lama guanicoe*) of the Northern Patagonia.
Conservation Biology	Ashley Ragan	Sam Houston State University	Potential Behavioral Reproductive Isolation between the Endangered Pecos Gambusia and the Introduced Largespring Gambusia
Conservation Biology	Natalia Rossi	Columbia University	Preliminary Assessment of American crocodile's reproductive dynamics and its impacts on population persistence and inter-specific coexistence with Cuban crocodiles in Cuba
Conservation Biology	Daniel Russo	University of North Carolina at Wilmington	"Effects of feeding frequency on larval growth, survival, fatty acid profiles and resistance to hyposaline stress in southern flounder Paralichthys lethostigma"
Conservation Biology	Robert Stanton	University of Nebraska at Omaha	Recolonization ability, plant host associations, and effects of anthropogenic background noise on the cicada, Tibicen dorsatus, in tallgrass prairies.
Conservation Biology	Marie VanZandt	University of Hawaii at Hilo	The spatial distribution and habitat restrictions of the Hawaiian Petrel on the Island of Lâna'i.
Conservation Biology	Alexa Warwick	Florida State University	Phylogeography and conservation genetics of the Pine Barrens Treefrog (Hyla andersonii)
Conservation Biology	Christie Wilcox	University of Hawaii at Manoa	Insight into an invastion: phylogeography of lionfishes
Ecology	Lina Arcila Hernandez	University of Toronto	Dietary implications of interactions between ants and endosymbionts
Ecology	David Armitage	University of California-Berkeley	Functional aspects of the inquiline food webs of carnivorous pitcher plants

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Ecology	Matthew Cashman	Fordham University	Biochemical composition of algal periphyton as affected by light and nutrient availability
Ecology	Elise Chapman	University of Alabama at Tuscaloosa	The relationships between nutrient cycling and ecosystem metabolism in the shoals of the Cahaba River, AL.
Ecology	Tanya Cheeke	Portland State University	Evaluating the effects of transgenic Bt maize on arbuscular mycorrhizal fungi in the soil ecosystem
Ecology	Grant Connette	University of Missouri-Columbia	Exploring the consequences of behavior in altered landscapes: linking individual survival and population dynamics
Ecology	Paul DeSalles	Stanford University	Exploring linkages between terrestrial ecology and behavior of the Giant Manta Ray, Manta birostris, at a remote Pacific atoll
Ecology	Mitchell East	Missouri State University	DIET OF MACROCHELYS TEMMINCKII AND GRAPTEMYS OUACHITENSIS IN EASTERN OKLAHOMA
Ecology	Katherine Ennis	University of Toledo	Drivers of pattern and change: Does one ant species cause shifts in patterns of ant richness?
Ecology	Alexander Forde	University of Maryland, College Park	Interactive effects of vertebrate top predators and abiotic resources on productivity and community structure in Caribbean mangrove forests
Ecology	Megan Fork	Florida International University	Direct and Indirect Effects of Organic Matter Sources on Denitrification in Florida Rivers
Ecology	Victoria Gray	California State University-Long Beach	Physiological consequences of thermal stress in the rocky intertidal zone on the marine snail, Lottia gigantea
Ecology	Alison Hale	University of Pittsburgh	Testing the mutualism disruption hypothesis: a physiological mechanism for invasion of intact perennial plant communities
Ecology	Elizabeth Harrison	Florida International University	Analyzing the invasion success of Cichlasoma urophthalmus (Mayan cichlid) in south Florida
Ecology	Rebecca Heinig	Pennsylvania State University	The Effect of Diurnal Temperature Variation on the Efficacy of Fungal Biopesticides
Ecology	Kristopher Hennig	University of Mississippi	Examining the effects of genotypic variation upon soil feedbacks within Monterey pine (*Pinus radiata*)
Ecology	Nicole Hergott	University of Mississippi	Linking the functional diversity of ectomycorrhizal fungal species to soil carbon dynamics and the genetics of foundational tree species

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Ecology	Susan King	Eastern Kentucky University	Differential fitness and nest site characteristics of four-toed salamanders (*Hemidactylium scutatum*) in natural and constructed ponds
Ecology	Erica Kistner	University of Notre Dame	The role of global climate change in entomopathogen regulated rangeland pests: a model system of fungal insect pathogens
Ecology	Michelle Laskowski	Boise State University	Using Molecular Techniques to Assess Haemosporidian Parasites and their Phylogenetic Relationships in Migrating Raptors
Ecology	Megan Machmuller	University of Georgia	The consequences of experimental warming on soil organic matter dynamics along a latitudinal gradient: carbon lost versus carbon retained.
Ecology	Anne Madden	Tufts University	Location versus host species determinants of fungal communities associated with an invasive paper wasp
Ecology	Rachel Mahan	University of Georgia	Interactive Effects of Land Use and Climate on Gene Flow
Ecology	Joseph Mihaljevic	University of Colorado at Boulder	Ecological and evolutionary dynamics of multi-host pathogens: Ranaviruses of amphibians
Ecology	Jessica Moody	Fordham University	Assessing the conservation and taxonomic status of the Indochinese Silvered Langur in two protected sites in Cambodia
Ecology	Maitreyee Mukherjee	Bowling Green State University	IDENTIFICATION AND ENUMERATION OF NITRIFYING ARCHAEA BY FLUORESCENCE IN-SITU HYBRIDIZATION IN LAKE SUPERIOR
Ecology	Katherine Papacostas	Temple University	Predator Diversity Dampens Invasive-Induced Trophic Cascades in the Subtropical Indian River Lagoon
Ecology	Brian Park	University of California-San Diego	Pollination ecology of the honeybee (*Apis mellifera*) in fragmented habitats
Ecology	Susan Parsons	Idaho State University	GENE FLOW PATTERNS AND PARENTAGE IN A BURYING BEETLE: USING MOLECULAR GENETICS TO STUDY CRYPTIC BEHAVIORS
Ecology	Michael Polito	University of North Carolina at Wilmington	Oxidative Stress, Sexual Signals and Life History Trade-Offs in the Gentoo Penguin Pygoscelis papua
Ecology	Ravin Poudel	Truman State University	Effects of domestication in the fungal endophytes inhabiting roots of Zea mays.

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Ecology	Jessica Rack	University of Connecticut	Does predator-prey chemical communication evolve across a geographic landscape? Behavioral responses of the spotted salamander (*Ambystoma maculatum*) to predators and predatory diet cues from geographically stratified ponds
Ecology	Emily Rose	Texas A&M University-College Station	The Effects of Endocrine Disrupting Compounds on Gulf Pipefish
Ecology	Kelly Schradin	Wright State University	The role of plant-soil feedback in exotic plant invasion: soil type, biotic or abiotic factors?
Ecology	Kristy Segal	University of Georgia	EFFECTS OF RICE FIELD CULTIVATION ON HEALTH AND COMMUNITY DYNAMICS OF AMPHIBIAN COMMUNITIES WITH A FOCUS ON BUFO MARINUS
Ecology	Heather Shaffery	University of Pittsburgh	The Role of the Major Histocompatibility Complex in the Mate Choice Decisions of the Wood Frogs (*Rana sylvatica*)
Ecology	Barbara Shock	University of Georgia	Field study to identify the vector of a novel Babesia found only in the endangered Florida panther population
Ecology	Ann Showalter	Miami University Ohio	Effects of nutritional food quality on the growth, behavior, and physiology of an insect that links aquatic and terrestrial food webs
Ecology	Aaron Stoler	University of Pittsburgh	Leaf litter to the rescue: how forest composition may naturally mitigate sub-lethal impacts of pesticide introduction to wetlands
Ecology	Tatiana Straatmann	Instituto Nacional de Pesquisas da Amazônia	An assessment of site-fidelity among three species of resident understory birds from the central Amazon
Ecology	Amber Stubler	State University of New York at Stony Brook	The impacts of pH and temperature on the growth and bioerosion rate of Cliona sp.; implications for the coral reef ecosystem.
Ecology	Brian Thompson	University of Maryland, College Park	Testing genomic predictions by quantifying microbial inputs on host nutrition
Ecology	Brett Wolfe	University of Utah	The determinants of drought response in tropical trees
Ecology	Alexandra Wright	University of Wisconsin-Milwaukee	The shifting importance of competition vs. facilitation along diversity, environmental severity, and plant ontogenetic gradients.
Ecology	Kyle Wright	Fordham University	Terrestrial Birds as Hosts of Ticks and Reservoirs for Diseases

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Ecology	Christine Zolnik	Fordham University	Influence of host community structure on disease dynamics in blacklegged ticks (*Ixodes scapularis*) using molecular identification of bloodmeal sources
Engineering	Josephine Bones	Montana State University-Bozeman	Determining the effectiveness of explosives for avalanche control: experiential and analytical modeling
Engineering	Salvatore Campione	University of California-Irvine	Use of collective resonances in arrays of plasmonic nanospheres with active gain materials for spectroscopy and imaging applications
Engineering	Zi Chen	Princeton University	On Rapid Motion of the Venus flytrap: Darwin's "one of the most wonderful plants in the world"
Engineering	Kathryn Dorst	State University of New York at Stony Brook	Surface-Modified Materials Toward the Improvement of Tissue Engineered Substrates for Bone
Engineering	Christopher Grigsby	Duke University	Oral delivery of the factor VIII gene to hemophilia A rodents with speciality gelatin capsules
Engineering	Jason Juhala	Washington State University - Vancouver	A Comparative Analysis of Transistors Based on Dielectrophoresis-Aligned Carbon Nanotubes (CNTs) and Self-assembled Random-Network CNTs
Engineering	Riju Singhal	Drexel University	Single carbon nanotube based multifunctional devices for intracellular analysis and component separation
Engineering	Shraddha Vachhani	Drexel University	Establishing the 3-D grain boundary character by serial sectioning using the PoliMat2 by BuehlerÂ®, GmbH
Hydrology/Geomorphology	Allen Pope	Cambridge University	Spectral Classification of Glacier Surfaces on Langjökull Icecap, Iceland
Hydrology/Geomorphology	Mark Voli	North Carolina State University	Total Suspended Sediment Source Contributions to a Regionally Important Municipal Drinking Water Source, Falls Lake North Carolina: A Sediment Fingerprinting Approach
Paleontology/Sedimentation	Jack Hutchings	University of South Florida	Experimental evaluation of a paleontological proxy used to document long-term adaptive trends
Paleontology/Sedimentation	Heather Johnson	Sam Houston State University	Impact of Grassland Shifts on Southern Plains Bison Morphology
Paleontology/Sedimentation	Daniel Lawver	Montana State University-Bozeman	Fossil and modern turtle eggshell: testing the validity of eggshell characters in cladistic analyses
Paleontology/Sedimentation	Aaron Sappenfield	University of California-Riverside	Sequence stratigraphic and ichnologic constraints in the Prospect Mountain Quartzite (western U.S.): Implications for regional and global correlation of the Precambrian-Cambrian transition.

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Petrology/Geochemistry	Angela Cota	Western Washington University	Evidence for Heat Flow Control in Metamorphic Crystallization in the Bugaboo Aureole, British Columbia
Petrology/Geochemistry	Jill Ghelerter	Georgia State University	Bioremediation of Hydrocarbons in Salt Marsh Sediments Using Clay Minerals
Petrology/Geochemistry	Michelle Harris	Central Washington University	Documenting Magmatic Processes at Filicudi Island, Aeolian Arc, Italy: Integrating Quantitative Modeling and Plagioclase Textural and In Situ Compositional Data
Petrology/Geochemistry	Leslie Keiser	University of Oklahoma	ASSESSING CLIMATE FROM WEATHERING SIGNALS IN MODERN AND ANCIENT GRANITIC-DERIVED FLUVIAL SEDIMENTS
Petrology/Geochemistry	Ashley Russell	University of Wisconsin-Madison	Pressure, temperature, time, and fluids metamorphic paths for garnet from eclogite
Petrology/Geochemistry	Maya Wildgoose	University of California-Davis	Using 40Ar/39Ar and Lu-Hf isotopic dates to further understand the deformational history of an ancient subduction zone in Alaska
Physics/Astronomy	Priyanka Bhattacharya	Clemson University	Investigating the Physico-chemical Properties of a Novel Tris-Dendrimer for Environmental Applications
Physics/Astronomy	Jean-Rene Gauthier	University of Chicago	The physical origin of the cool gas detected around massive red galaxies
Physics/Astronomy	David Hendel	University of North Carolina at Chapel Hill	A Second Generation Image Slicer for the SOAR Telescope
Physics/Astronomy	Amber Marsh	Lehigh University	The B and Be Star Populations of h and chi Persei
Physics/Astronomy	Robin Petruzielo	Cornell University	Compositional Heterogeneity and Peptide Partitioning in Models for the Cell Membrane
Physics/Astronomy	Cody Rude	University of North Dakota	Exploring the Nature of Extended ChaMP Sources
Physics/Astronomy	Rick Russotto	Yale University	Arctic Lidar Observations of Atmospheric Aerosols and Cirrus Clouds
Physics/Astronomy	Eva Wuyts	University of Chicago	Characterizing gravitationally lensed galaxies at high redshift
Physics/Astronomy	Christopher Yaluma	Berea College	The Identification of Graphene Layers through Optical Reflectivity
Physiology/Functional Morphology	Christopher Anderson	University of South Florida	Spring-loaded movements in an ecological context: contrasting thermal effects in chameleons along seasonal temperature gradients
Physiology/Functional Morphology	Christine Bedore	Florida Atlantic University	Visual temporal resolution in batoid elasmobranchs

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Physiology/Functional Morphology	Deborah Bird	University of California-Los Angeles	Does Cribriform Morphology Predict Olfactory Function
Physiology/Functional Morphology	Heather Bryner	Miami University Ohio	Immune Regulation of Adult Neurogenesis
Physiology/Functional Morphology	Abigail Curtis	University of California-Los Angeles	Morphological Variation of Frontal Sinuses in Domestic Dogs (*Canis familiaris*)
Physiology/Functional Morphology	Jillian Davis	Ohio University	Feeding Morphology in Frugivorous and Carnivorous Mammals
Physiology/Functional Morphology	Emily Elderbrock	University of Memphis	Long-term effects of increased corticosterone during development of Florida Scrub-Jays
Physiology/Functional Morphology	Michael Goblirsch	University of Minnesota, Twin Cities	The effects of Nosema ceranae infection on honey bee longevity.
Physiology/Functional Morphology	Daniel Hassumani	Portland State University	The CCAAT/enhancer-binding protein δ and its response to hypoxia in the zebrafish, Danio rerio
Physiology/Functional Morphology	Antony Kaprielian	University of California-Riverside	Involvement of central PACAP system in cardiovascular and autonomic responses to psychosocial stress
Physiology/Functional Morphology	Chi-Yun Kuo	University of Massachusetts Amherst	The role of vertebral morphology in determining the facility of caudal autotomy in lizards
Physiology/Functional Morphology	Boriana Tchernookova	University of Illinois at Chicago	Testing the proton hypothesis of lateral inhibition in the vertebrate retina
Psychology	Jin Lee	Oxford University	How fast can we see? The development of visual evoked potential latency in human infants to pattern, orientation, and direction selectivity
Psychology	Brendan Murray	Boston College	The effects of emotion and encoding strategy on associative memory across the lifespan
Psychology	Michael Steinman	University of California-Davis	The role of estrogen receptor-alpha and beta in the development of social withdrawal in female California mice
Psychology	Denise Werchan	University of Arizona	The Formation of Transitive Inferences and Relational Memories Over Time
Psychology	Kaitlyn Werner	University of Rochester	The Effect of Autonomy Support on Conscious Thought in Complex Decision Making
Psychology	Salene Wu	Ohio State University	Relationship of General and Health-related Anxiety and Worry to Markers of Inflammation in Women with Recurrent Cancer

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Systematics/Evolutionary Biology	Elizabeth Beckman	University of New Mexico	Gene Flow & Phylogenetic History in a Rapid Continental Radiation: the South American Siskins.
Systematics/Evolutionary Biology	Nicholas Block	University of Chicago	Exploring a novel scenario of cryptic diversity in an endemic Malagasy passerine
Systematics/Evolutionary Biology	Serena Caplins	Virginia Commonwealth University	Species Delimitation in Ribbon Worms of the Genus Nemertopsis (*Nemertea, Hoplonemertea*)
Systematics/Evolutionary Biology	Gerardo Cordero	Iowa State University	Developmental Genetics and the Evolution of Plastral Kinesis in Turtles
Systematics/Evolutionary Biology	Jessica DeCandia	Miami University Ohio	Validity of present subspecies classification and degree of genetic differentiation in prairie vole (*Microtus ochrogaster*) populations.
Systematics/Evolutionary Biology	Kathleen Ferris	Duke University	The adaptive significance of leaf shape in M. laciniatus
Systematics/Evolutionary Biology	Anthony Geneva	University of Rochester	Speciation in Bahamian Trunk Anoles
Systematics/Evolutionary Biology	Amanda Gibson	Indiana University - Bloomington	Does transmission mode influence the evolution of virulence in parasites of terrestrial isopods?
Systematics/Evolutionary Biology	Francois Gould	Johns Hopkins University School of Medicine	Morphological indicators of locomotor specialization in distal femoral articular surfaces of Paleocene and Eocene Ungulates
Systematics/Evolutionary Biology	Sarah Hird	Louisiana State University-Baton Rouge	Gut microbiota of parasitic bird hosts
Systematics/Evolutionary Biology	Julie Lee-Yaw	Univ of British Columbia	Evaluating selection against hybrids in a natural contact zone between cryptic lineages of the long-toed salamander
Systematics/Evolutionary Biology	Jose Lopez Arriaza	Colorado State University	Transposable elements and speciation in the plethodon salamander Ensatina eschscholtzii
Systematics/Evolutionary Biology	Danielle Peters	Marshall University	Characterization of the Hox-12 and Hox-13 gene region in amphibians and reptiles
Systematics/Evolutionary Biology	William Russey	University of Houston	Quantifying selection by predators on relative wing size
Systematics/Evolutionary Biology	Erin Sigel	Duke University	Patterns of Gene Expression in Allotetraploid Ferns of Recurrent and Reciprocal Origins
Systematics/Evolutionary Biology	Oscar Vargas	University of Texas at Austin	UNRAVELING THE EVOLUTIONARY HISTORY OF HIGH ANDEAN PLANTS: EVOLUTION AND SYSTEMATICS OF THE GENUS DIPLOSTEPHIUM (*ASTERACEAE*)

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Systematics/Evolutionary Biology	Maggie Wagner	Duke University	Polymorphism and evolutionary dynamics of an ecologically important enzyme
Systematics/Evolutionary Biology	Akinobu Watanabe	Florida State University	The Effect of Ontogeny on Phylogenetic Inference: A Case Study Using Extant and Fossil Crocodylia
Systematics/Evolutionary Biology	Jennifer Yost	University of California-Santa Cruz	Biochemical adaptation in the Lasthenia californica species complex
Tectonics/Geophysics	James Ayrer	University of South Florida	Constraining Active Tectonics and Faulting in Western Armenia using Geophysical and Geomorphological Techniques
Tectonics/Geophysics	Meilani Bowman-Kamaha'o	Central Washington University	Extrusion as a mechanism for dome emplacement, Himalayan orogen: 40Ar/39Ar thermochronology studies in Gianbul Dome, NW India
Tectonics/Geophysics	Tracy Compton	University of California-Davis	Discovering offset landforms to build a Holocene slip history along the Mojave section of the San Andreas Fault (MSAF) using ground-based LiDAR and virtual-reality visualization.
Tectonics/Geophysics	Brian Ferwerda	University of South Florida	Pre-magmatic Fold Control of Sill Distribution in the San Rafael Volcanic Field, Utah
Tectonics/Geophysics	Harold Johnson	Texas A&M University-College Station	Retrodeformable cross sections for the 3-dimensional structural analysis of the Ouachita orogen, Arkansas
Tectonics/Geophysics	Allison Teletzke	Lehigh University	HIGH-RESOLUTION FAULT RESTORATION USING ROCK MAGNETIC CYCLOSTRATIGRAPHY IN RED BEDS, PYRENEAN THRUST FRONT, SPAIN