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Mackenzie L. Bergstrom	Anthropology	University of Calgary	Dominance, nutrition and energetic condition in female white-faced capuchin monkeys
Habiba Chirchir	Anthropology	George Washington University	Pilot study on trabecular bone architecture of humans and other mammals adapted for speed versus endurance
Clarissa R. Dicke	Anthropology	University of Alaska Fairbanks	Population continuity or replacement in ancient Lachish? A dental affinity analysis in the Levant.
Heather M. Garvin	Anthropology	Johns Hopkins University School of Medicine	Environmental Effects on Human Cranial and Postcranial Sexual Dimorphism
Briana C. Horwath	Anthropology	University of Alaska Fairbanks	Dental Microwear and Diet: Analysis of the Neolithic-Early Bronze Age Burial site of Bolores, Torres Vedras, Portugal and the Late to Middle Neolithic Burial site of Feteira II, Portugal
Laura E. Johnson	Anthropology	Duke University	The biomechanics of vertical clinging in primates
John K. Millhauser	Anthropology	Northwestern University	Salt of the Earth: Craft and community at San Bartolome Salinas, a Postclassic and early Colonial salt-making village in Mexico
Nicole Musselwhite	Anthropology	University of Southern Mississippi	Burial Chronological Sequencing at Tipu, Belize Based on Fluoride Testing
Alim F. Ramji	Anthropology	University of Oklahoma	Disease Perception: How Cultural Understandings Through Art May Affect Treatment, A Pilot Project In Three Continents.
Nicoletta Righini	Anthropology	University of Illinois at Urbana-Champaign	Foraging decisions, patch choice, and nutrient regulation in Mexican black howler monkeys
Mark E. Robinson	Anthropology	Louisiana State University-Baton Rouge	Wood Selection Strategies of the Ancient Maya, Paynes Creek National Park, Southern Belize

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Travis S. Steffens	Anthropology	University of Toronto	Habitat Fragmentation and Habitat Loss Effects on Lemur Species Occurrence in Multiple Landscapes
Amanda VanSteelandt	Anthropology	Arizona State University	The construction of human disease ecologies through cultural transmission: A Nivacle example
Becky E. Atwood	Behavioral Ecology	Boston University	Neuronal Proliferation and Cognitive Performance of Amphiprion percula Exposed to Odor Enriched vs. Nonenriched Environments.
Emerson K. Bowers	Behavioral Ecology	Illinois State University	Allocating offspring sex: robust daughters and sensitive sons?
Raymond M. Danner	Behavioral Ecology	Virginia Polytechnic Institute and State University	Cross-seasonal sexual selection in a migratory bird
Melissa L. Grunst	Behavioral Ecology	University of California-Riverside	Adaptive plasticity in reproductive behavior and mediation by the adrenocortical stress response
Edward M. Hanlon	Behavioral Ecology	University of Mississippi	Maternal Investment in Clutch Size as a Function of Male Mate Quality in Ocellated Turkeys (Meleagris ocellata)
Ariadna Herrera	Behavioral Ecology	Universidad de Guanajuato	THE DILEMMA BETWEEN MATING AND LIFE SPAN: THE JUVENILE HORMONE EFFECT UPON PATHOGENES SUSCEPTIBILITY AND OXIDATIVE DAMAGE
Candice M. Klingerman	Behavioral Ecology	Lehigh University	Energy availability affects sexual motivation and sexual reward through the actions of ghrelin and leptin.
Irene A. Liu	Behavioral Ecology	Duke University	Does genetic diversity predict extra-pair mating in populations of a songbird?
Laura Louon	Behavioral Ecology	Ithaca College	Movement behavior in the eastern chipmunk (Tamias striatus)

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Patrick J. Lyons	Behavioral Ecology	State University of New York at Stony Brook	Why settle for less? Constraints on adoption of an optimal predator avoidance strategy
James J. Muraco	Behavioral Ecology	Texas State University-San Marcos	Maintenance of a unisexual-bisexual mating complex: importance of behavioral syndromes and hormones
Michael S. Painter	Behavioral Ecology	Virginia Polytechnic Institute and State University	Characterizing the light-dependent magnetic compass in Drosophila melanogaster
Jonathan A. Quinonez	Behavioral Ecology	University of Utah	Vertical Acceleration Capacity of Mus Musculus in Relation to Social Dominance Ability
Sandra M. Rehan	Behavioral Ecology	Brock University	Social behavior of Neotropical small carpenter bees
Ashley Robart	Behavioral Ecology	University of California-Santa Cruz	Differential allocation of reproductive effort due to mate selection: a test of parental care and mate quality in the convict cichlid, Amatitlania nigrofasciata.
Molly C. Womack	Behavioral Ecology	Colorado State University	Not all Signals are Received Equally: Finding the Mechanism Behind Signal Evolution in the Painted Forest Toadlet
Ameair Abu Irqeba	Cell Biology/Biochemistry	Saint Louis University	The Role of Rabac1 in Photoreceptor Development
Ahmet D. Arslan	Cell Biology/Biochemistry	University of Illinois at Chicago	Identification of small molecule inhibitors of splicing factors: A novel therapeutic tool for ovarian cancer
Hope C. Ball	Cell Biology/Biochemistry	University of Akron	Leptin and OBR-GRP expression patterns in two Arctic adapted cetaceans: the bowhead (Balaena mysticetus) and beluga whale (Delphinapterus leucas).

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Austen A. Barnett	Cell Biology/Biochemistry	Southern Illinois University-Carbondale	Exploring the Loss of the Hox Gene abdominal-A in the Mite Archegozetes longisetosus in the Context of Limb Development
Robert L. Brochin	Cell Biology/Biochemistry	Georgetown University	The Effect of Concentrated Muscle Conditioned Media on Human Breast Carcinoma Cells with Mutated p53
Sean Burn	Cell Biology/Biochemistry	American University	Molecular Basis of Apoptosis in the Zebrafish (Danio rerio) Model of Diabetic Retinopathy
Chester Chia	Cell Biology/Biochemistry	Rutgers, The State University of New Jersey	ARC (arg3.1) Protein Expression in Dorsal and Ventral Hippocampus Depends Upon Activation of NMDA Receptors
Young M. Cho	Cell Biology/Biochemistry	Texas A&M University-College Station	Effect of n-3 polyunsaturated fatty acid and/or butyrate on DNA methylation of apoptosis related genes
Robyn DeBenedet	Cell Biology/Biochemistry	University of Hawaii at Hilo	Relationship between Changes in Ocean pH and the Calcareous Brown Aglae, Padina.
Atbin Doroodchi	Cell Biology/Biochemistry	University of Alabama at Birmingham	The effects of C.elegans BTBD9 homolog, C05C8.6, deletion in worm's behavior and synaptic transmission
Brij K. Gupta	Cell Biology/Biochemistry	University of South Dakota	Antibody guided therapy of colon cancer using nano-siRNA technology
Chad M. Hunter	Cell Biology/Biochemistry	East Carolina University	Characterization of DNA Polymerase Delta using a combined in vivo and in vitro strategy
Nora Ibrahim	Cell Biology/Biochemistry	University of Illinois at Urbana-Champaign	The Catalysis of DNA Hydrolysis by Sequence-Tolerant Deoxyribozymes
Wenzhe Lu	Cell Biology/Biochemistry	University of Texas Medical Branch	Designing novel proteins with enhanced mechanical strengths

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Joshua A. Lukas	Cell Biology/Biochemistry	Bethel College	Tamoxifen- and Estradiol-induced alterations in the mRNA and miRNA expression in human hepatocytes
Emily C. Moorefield	Cell Biology/Biochemistry	Wake Forest University	The effect of hepatocyte nuclear factor 4 alpha haploinsufficiency on the development and function of pancreatic beta-cells
Jamie L. Nickerson	Cell Biology/Biochemistry	Bates College	Genetics of susceptibility to bone loss related to periodontal disease
Laurin Pacheco	Cell Biology/Biochemistry	University of Miami	Vascular Differentiation Potential of Progenitor Cells
Tony Pierson	Cell Biology/Biochemistry	George Mason University	Effects of Exposure of Cigarette Smoke on the Expression Levels of Antimicrobial Peptides in Human Lung Epithelial Cells
Jonathon C. Reeck	Cell Biology/Biochemistry	Boise State University	Collagen Type XI(a1) Regulates Osteoblast Differentiation and Mineralization in the Developing Zebrafish Craniofacial Skeleton
Adam C. Reichard	Cell Biology/Biochemistry	Wright State University	M1 and M2 macrophage response after HSV-1 infection: an in vivo model for HSV-1 corneal infections
Anne M. Runkel	Cell Biology/Biochemistry	Middlebury College	Transcriptional Analysis of Akap9: a study of the genetic basis of infertility
Craig A. Schenck	Cell Biology/Biochemistry	Ohio University	Proteomics approach to studying signal transduction in a plants' response to gravity
Jasmine L. Shinko	Cell Biology/Biochemistry	Gannon University	Characterization of Antibiotic Resistant Aeromonads from Lake Erie and Evaluation of their Pathogenicity
Stephanie A. Smith	Cell Biology/Biochemistry	University of Idaho	Microbial Activities Effecting Selenium Mobility in Seleniferous Environments

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Amy M. Thomson	Cell Biology/Biochemistry	Widener University	Effect of Atrazine Exposure on Gene Regulation in Adult Rana pipiens
Tomislav Ticak	Cell Biology/Biochemistry	Miami University Ohio	Analysis of Punitive Trimethylamine Operon in Desulfitobacterium hafniense (DCB-2 / Y51)
Tenira J. Townsend	Cell Biology/Biochemistry	Oakland University	Role of PARP-1 in UVB-treated lens epithelial cells
Christopher Walker	Cell Biology/Biochemistry	Ohio State University	In Vivo Characterization of Two Non-Toxic and Non-Immunosuppressive FTY720-derived Compounds for Use as Anti-Leukemic Agents
Lingyu Wang	Cell Biology/Biochemistry	University of Miami	The role of Neurabin, a neural tissue-specific protein, in egg polarity establishment and early embryo development
Keerthi Chandra	Chemistry	Eastern Illinois University	Perovskite Thin Films : Synthesis, characterization and Surface Modification for Electrochemical Oxygen Reduction reaction catalysis.
Beatrice N. Irungu	Chemistry	University of Nairobi	Bio-prospecting for anti-malarial compounds from some Kenyan medicinal plants
Harrison S. Kibombo	Chemistry	University of South Dakota	Characterization of hydrothermally synthesized platinum supported TiO2-SiO2 catalysts for the photocatalytic degradation of toxic phenolic compounds
Julie M. Wilkerson	Chemistry	University of Texas at Austin	Electroluminescent Materials Based on Lanthanide-Containing Conducting Metallopolymers
Ryo L. Akasaka	Computer Science/Mathematics	Stanford University	Providing User Controls for Self-Regulating Behavior Changes Based on Intelligent UI Design

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Aaron Costley	Computer Science/Mathematics	Tarleton State University	ROBOT NAVIGATION THROUGH PARALLEL PROCESSING IN A COMPUTER CLUSTER
Samantha L. Finkelstein	Computer Science/Mathematics	University of North Carolina at Charlotte	Astrojumper: Motivating Children with Autism to Exercise using a Virtual Reality Exercise Game
Meredith A. Atwood	Conservation Biology	State University of New York College of Environmental Science and Forestry	Bottom-Up Influences on Vernal Pool Food Webs: Implications for Amphibians and Restoration Efforts
Kirsten E. Borger	Conservation Biology	East Tennessee State University	The Effects Of Environmental Change On Plethodon welleri In The Southern Appalachian Mountain Range.
Gena R. Esposito	Conservation Biology	University of Texas at El Paso	Genetic diversity of two invertebrate species with contrasting dispersal abilities in isolated water bodies of the Chihuahuan Desert
Kathryn J. Fiorella	Conservation Biology	University of California-Berkeley	Linking Natural Resources and Disease: Land Use Change and HIV/AIDS
Erika J. Fox	Conservation Biology	California State University-Long Beach	Quantifying Trophic Support for California Halibut in a Restored Coastal Wetland as a Metric for Restoration Success
Adriana V. Gata	Conservation Biology	Cornell University	Batrachochytrium dendrobatidis Emergence in Central America: Testing the Spreading Pathogen Hypothesis
Aaron Haynes	Conservation Biology	Sam Houston State University	Potential Role of Piscivorous Snakes on Regulation Invasive Aquatic Prey Populations
Desiree' J. Moffitt	Conservation Biology	Appalachian State University	The Impact of Amphibian Chytrid Fungus on Plethodontid Populations in the Southern Appalachians

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Karen Uy	Conservation Biology	University of Hawaii at Hilo	Comparison of temperature tolerance between two sympatric populations of Hawaiian picture-winged Drosophila: D. silvestris and D. sproati.
Benjamin J. Wainwright	Conservation Biology	University of Hawaii at Manoa	Indonesian Gene Flow and Implications for Potential Marine Conservation Strategies.
Linet C. Watson	Conservation Biology	SUNY College of Environmental Science and Forestry	Trophic Ecology and Conservation of the Giant Arapaima in South-western Guyana
Pamela Wong	Conservation Biology	University of Toronto	Reliability and accuracy of Inuit estimates of polar bear sex, age, size and age of track from in situ track observations
Carla L. Atkinson	Ecology	University of Oklahoma	Trophic and nutrient cycling roles provided by a multi-species assemblage of native freshwater mussels
Asya Ayrapetov	Ecology	Purdue University-West Lafayette	The effects of climatic variation on the reproductive success of a spring woodland herb Claytonia virginica (Portulacaceae)
Sarah Blackstock	Ecology	DePaul University	Assortative mating by size in intertidal crustaceans: effects of a spatially heterogeneous environment
Catherine H. Bravo	Ecology	Florida International University	Examining above and below ground carbon allocation along an elevation gradient in the Southeastern Peruvian Andes
Marybeth K. Brey	Ecology	North Carolina State University	Can introduced species alter benthic-pelagic coupling in aquatic systems?
Kim M. Briones	Ecology	University of North Carolina at Greensboro	Effects of intercropping switchgrass and loblolly pine on the diet and trophic position of Peromyscus leucopus.

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Edward D. Burress	Ecology	Appalachian State University	Resource partitioning, nutrient cycling and trophic structure of a species-rich aquatic ecosystem
Sandra Camilleri	Ecology	University of North Carolina at Wilmington	Investigating the stomach oil provisioning strategy in Procellariiform seabirds using LeachÆs storm-petrels (Oceanodroma leucorhoa) as a model species.
Gretel L. Clarke	Ecology	University of Vermont	Assessing the individual and interactive effects of ecological players on sex morphs of the gynodioecious Polemonium foliosissimum
Kavitha Dasu	Ecology	Purdue University-West Lafayette	Evaluating the Biotransformation Potential of 8:2 and 6:2 Fluorotelomer-based Urethanes in Soil
Nicole M. Davros	Ecology	University of Illinois at Urbana-Champaign	An integrative approach to testing density effects in a migratory songbird, the Prothonotary Warbler (Protonotaria citrea)
Christopher J. Dibble	Ecology	Rice University	The Role of Genetic Diversity in Mediating Resistance to a Novel Pathogen
Paul A. Durst	Ecology	Duke University	The Biogeography and Community Structure of Parasites of Channel Island Deer Mice (Peromyscus maniculatus) on the California Channel Islands
Robert D. Ellis	Ecology	Florida State University	Red grouper: prairie dogs of the seagrass? Assessing the ecological impact of benthic habitat modification by red grouper
Lisa Fazzino	Ecology	University of Puget Sound	Bacterial Inhabitants of the Nitrogen Fixing Invasive Scotch Broom (Cytisus scoparius) in South Puget Sound

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Stephanie E. Figary	Ecology	SUNY College of Environmental Science and Forestry	Exploiting a natural experiment: Investigating the impact of an invasive zooplankton, Cercopagis pengoi, on the food webs of the New York Finger Lakes
Shanna D. Hanes	Ecology	Auburn University	Hyperthermic stress-induced autophagy in the tropical anemone, Aiptasia pallida.
Jessica M. Howells	Ecology	Appalachian State University	Induction in Solidago altissima as a possible mechanism for genotypic effects on aphid herbivores
Jennifer A. Johnson	Ecology	Florida Institute of Technology	The Reproductive Biology of Myrophis puntatus In The Indian River Lagoon Near The Sebastian Inlet
Shafkatul I. Khan	Ecology	University of Georgia	Tropical tree seedlings's response to change in climate
Eun Sun Kim	Ecology	University of Illinois at Chicago	Investigating the role of genetic diversity and pollination biology as potential causes for reproductive failure in Asclepias lanuginosa
Megan S. Kirchgessner	Ecology	State University of New York College of Environmental Science and Forestry	Bovine Viral Diarrhea Virus: A Risk Assessment of Interspecies Disease Transmission
Travis Kocurek	Ecology	Sam Houston State University	Critical Current Speed in Two Livebearing Fishes (Gambusia nobilis and G. geiseri) at Balmorhea State Park, Texas.
Jennifer A. Koop	Ecology	University of Utah	DarwinÆs finches fight back: costs of immunity
Chia-Hua Lin	Ecology	Ohio State University	Does clonal structure affect pollinator-mediated mating pattern in Dicentra canadensis (Fumariaceae)?
Ebony G. Murrell	Ecology	Illinois State University	The roles of predation and predation resistance tradeoffs: mechanisms of ecological succession in an aquatic invertebrate community.

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Itai Opatovsky	Ecology	Ben-Gurion University of the Negev	Pest predation by agrobiont and immigrant spiders in wheat fields
Dustin Partridge	Ecology	Fordham University	Green Roofs as Migrating Bird and Breeding Bird Habitat
Colin C. Phifer	Ecology	University of Hawaii at Hilo	Reproductive Success of Two Dioecious Plants in a Fragmented Landscape
Allyson L. Plantz	Ecology	Southwestern University	Munching on 'egg' shells: Mechanisms behind egg predation by a model predator, the redeared slider (Trachemy scripta elegans)
RaeAnn Powers	Ecology	University of Nebraska at Lincoln	Understanding Diversity in Managed Grassland Ecosystems
Laura D. Radville	Ecology	University of Rhode Island	Invasive herbivore feeding induces a hypersensitive response in hemlock trees
Pamela L. Reynolds	Ecology	University of North Carolina at Chapel Hill	Interactive effects of resources and consumers on marine vegetation: participation in an international experimental network
Kartick P. Shirur	Ecology	University of Mississippi	Do Symbiodinium algae in octocorals use the host as an umbrella?
Ann M. Showalter	Ecology	Miami University Ohio	The interactive role of lake productivity and sediment-feeding fish on growth and overwinter survivorship of bluegill sunfish
Nyssa J. Silbiger	Ecology	University of Hawaii at Manoa	Why the ôlittle guysö matter: Organisms that shape coral reefs and their response to ocean acidification.
Ben Smit	Ecology	University of Pretoria	The role of water availability in thermoregulation at high temperatures

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Michael S. Studivan	Ecology	St. Mary's College of Maryland	Effects of Oil and the Oil Dispersant Corexit« 9527 on Bleaching of the Alcyonacean Soft Coral Xenia elongata
Corianne Tatariw	Ecology	University of Alabama at Tuscaloosa	Exploring Community Dynamics of Nitrate Removers in the Cahaba River, Alabama
Courtney Thomason	Ecology	Texas Tech University	Hosts as a Partitioned Resource: a Study of Parasite Co-infection
Amy C. Ulappa	Ecology	Boise State University	Nutritional and chemical factors shaping diet selection by a sagebrush dietary specialist: the pygmy rabbit
Benjamin G. Van Allen	Ecology	Rice University	Previous habitat quality of colonizers drives community dynamics in new habitats
Kimberly L. VanderWaal	Ecology	University of California-Davis	Identifying routes of pathogen transmission among wild and domestic ungulates in central Kenya
Rachel E. Walsh	Ecology	University of California-Berkeley	Impact of Biotic Interactions & Environmental Variables on Range Shifts in Chipmunks in Yosemite National Park
Whitney Webb	Ecology	Davidson College	The Effect of Sward Height and Grazing Frequency on the Diversity and Abundance of Selected Insect Taxa in Sustainable Grazing Systems
Rachel S. Welt	Ecology	Fordham University	Can rapid evolution in response to a climatic event alter levels of gene flow in an annual plant?
Rachel D. Wigginton	Ecology	California State University-Long Beach	Impacts of Lepidium latifolium on habitat quality for song sparrows in a northern California brackish marsh

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Olufunmilayo O. Adebayo	Engineering	Worcester Polytechnic Institute	Analysis of material properties and failure behavior of cell-derived tissue rings
Peter J. Attayek	Engineering	University of North Carolina at Chapel Hill	Rutherford Backscattering Analysis of Polymer Membranes Used for Desalination and Reuse
Anna K. Blakney	Engineering	University of Colorado at Boulder	Characterization of Anti-Inflammatory Effects of Mesenchymal Stem Cells on Activated Macrophages
Jianfeng Chen	Engineering	State University of New York at Stony Brook	Development of High-Brightness, Low-Divergence, Narrow-Line and Spectra-Stabilized 1.95 ≠ m Laser Diode Source with Volume Bragg-Grating Feedback
Joseph R. Geissler	Engineering	New Jersey Institute of Technology	Tissue-level Mechanical Properties of Alendronate Treated Canine Cortical Bone
Sonia Merritt	Engineering	Case Western Reserve University	Pressure-Mediated Gene Therapy for Ocular Diseases
Arpan Satsangi	Engineering	University of Texas at San Antonio	Development of resorbable, multi-layered polymer membranes for multi-modal drug release at bone defect sites.
Arpita Sinha	Engineering	Portland State University	Evolving Neuromorphic non-linear time dependent networks
Yu Zhang	Engineering	State University of New York at Stony Brook	Investigation of high quality B12As2 heteroepitaxial films on c-plane off-axis 4H-SiC substrates
Denise Burchsted	Hydrology/Geomorphology	University of Connecticut	Beaver Meadow Hydrology
Ryan M. Pollyea	Hydrology/Geomorphology	University of Idaho	Experimental evaluation of least-squares methods for quantifying surface roughness from LIDAR-derived datasets
Ryan M. Carney	Paleontology/Sedimentation	Brown University	High-resolution 3D digital scanning of the Thermopolis Archaeopteryx fossil

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Danielle S. Grogan	Paleontology/Sedimentation	Brown University	Rapid climate change: the role of large lakes as Eocene greenhouse gas sources and sinks
Alex H. Kasprak	Paleontology/Sedimentation	Brown University	A Paleobarometric Record of End-Triassic Atmospheric pCO2 from the Algarve Basin (Portugal)
Andrea M. Rocchio	Paleontology/Sedimentation	Hobart and William Smith Colleges	Assessment of historic (~1900-2010 C.E.) nutrient sources and paleoproductivity in Honeoye Lake, NY
David K. Weinstein	Paleontology/Sedimentation	University of Miami	Deep bioerosion: Variations in biological alteration in different mesophotic reef zones and the impacts on coral framework sustainability
Kenneth L. Brown	Petrology/Geochemistry	Miami University Ohio	GEOCHRONOLOGY AND GEOCHEMISTRY OF A LATE CRETACEOUS GRANITOID SUITE, SANTA ROSA RANGE, NEVADA: LINKING ARC MAGMATISM IN NORTHWESTERN NEVADA TO THE SIERRA NEVADA BATHOLITH.
Ryan E. Frazer	Petrology/Geochemistry	University of North Carolina at Chapel Hill	High-precision geochronology of the Mount Givens pluton, central Sierra Nevada, California
Joshua M. Rosera	Petrology/Geochemistry	University of North Carolina at Chapel Hill	High resolution geo- and thermochronology of the Questa Porphyry Mo deposit and associated intrusions, Northern New Mexico
Samaneh Ahmadinejad	Physics/Astronomy	Illinois Institute of Technology	The relationship between the earth's natural magnetic waves and it's effect on gravity, the potential of generating electricity from the earth's natural magnetic waves
Roy Anunciado	Physics/Astronomy	Wesleyan University, Connecticut	A Study Towards Na2+ æShallow WellÆ Potential

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Michael J. Berry	Physics/Astronomy	Rutgers, The State University of New Jersey	Evaluating the Gas Surrounding Distant Galaxies
Michael Butler	Physics/Astronomy	University of Florida	Studying the initial conditions of massive star formation with the Herschel Space Telescope
Christopher J. Crockett	Physics/Astronomy	Lowell Observatory	Searching for the youngest planets
Daniel I. Johnson	Physics/Astronomy	University of North Alabama	A Search For Variable Stars in Two Old Open Clusters
John Kerr	Physics/Astronomy	Ohio University	Variability Study of Three Newly Discovered VHE Gamma-ray Blazars
Min-Young Lee	Physics/Astronomy	University of Wisconsin-Madison	OH Observations of the Perseus Molecular Cloud: Unveiling the Processes of Molecule Formation
Vikram D. Londhe	Physics/Astronomy	University of Pune	To Find and study New Habitable Planet(exoplanet)using Ocular Telescope and Doppler Spectroscopy.
Somsubhra Maity	Physics/Astronomy	North Carolina State University	Photothermal response of nanoparticles inside polymer nanocomposites and nanothermometry using fluorescence technique
James Monahan	Physics/Astronomy	Drexel University	Cherenkov Signal Simulator for Water Detectors
Justin Moore	Physics/Astronomy	University of North Carolina at Chapel Hill	Consistent Weather Monitoring for PROMPT at CTIO
Daniel T. Nuzzo-Mueller	Physics/Astronomy	Worcester Polytechnic Institute	Optimization of substrate surface topography for organic thin film solar cells
Brett Ragozzine	Physics/Astronomy	Ohio University	Modeling the Dark Matter of Galaxy Clusters Using the Tensor-Vector-Scalar Theory of Alternate Gravity
Vivian U	Physics/Astronomy	University of Hawaii at Manoa	Kinematics and Energetics in Luminous Infrared Galaxies
Jean P. Walker Soler	Physics/Astronomy	Rutgers, The State University of New Jersey	How did the Milky Way Form? A Semi-Analytical Study of Galaxy Evolution

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Isak Wold	Physics/Astronomy	University of Wisconsin-Madison	A Search for Ultraluminous Infrared Galaxies at Early Cosmic Times
Gerardo L. Balbuena	Physiology/Functional Morphology	Universidad Nacional Autonoma de Mexico	Mecanismos implicados en la regulaci≤n de la funci≤n testicular del Urodelo Ambystoma rivulare Mechanisms involved in regulating testicular function of Urodela Ambystoma rivulare
Timothy S. Balmer	Physiology/Functional Morphology	Georgia State University	Restriction of plasticity in adulthood by visual activity dependent regulation of inhibition
Jennifer A. Breaux	Physiology/Functional Morphology	Illinois State University	Effects of larval population density on adult immune response to parasite challenge in Aedes aegypti
Michael W. Butler	Physiology/Functional Morphology	Arizona State University	Effect of developmental versus adult diet on adult sexual coloration and immune function in mallard ducks
Viviane Callier	Physiology/Functional Morphology	Duke University	Determinants of oxygen demand in the tobacco hornworm, Manduca sexta
Matthew T. Close	Physiology/Functional Morphology	Lehigh University	Confocal imaging of highly-stretched snake lower jaw muscles.
Nina C. Donner	Physiology/Functional Morphology	University of Colorado at Boulder	Effects of chronic corticosterone on 5-HT1A and 5-HT1B serotonin receptor expression in the dorsal raphe nucleus(DRN)
Diego C. Fernandez	Physiology/Functional Morphology	Consejo Nacional de Investigaciones Cientфficas y TΘcnicas	Early alterations of the visual pathway in experimental diabetic retinopathy
Miranda M. Gray	Physiology/Functional Morphology	Kansas State University	Bringing genomics outdoors: Next-generation sequencing project of dominant prairiegrass phenotypic variants occurring at opposing extremes of a precipitation gradient

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Maria Laura Habegger	Physiology/Functional Morphology	University of South Florida	Feeding morphology and biomechanics in billfishes (Families Xiphiidae and Istiophoridae)
Caroline J. Harper	Physiology/Functional Morphology	Brown University	The Morphology of the Papillae and Lingual Vessels in the Tongue of a Nectar-Feeding Bat, Glossophaga soricina
Ashley M. Huber	Physiology/Functional Morphology	Georgetown University	Does Resveratrol Induce Fast-to-Slow Phenotypic Shifts and Improve Oxidative Enzyme Concentrations in the Skeletal Muscle of Primates?
Emily A. Kane	Physiology/Functional Morphology	Clemson University	Functional tradeoffs in locomotor specialists: the effects of habitat on morphology, performance, and the integration of locomotion and feeding in Cottids
Anton I. Khalilieh	Physiology/Functional Morphology	Ben-Gurion University of the Negev	The physiological responses to food deprivation in a passerine bird (Passer domesticus) ostensibly not adapted to prolonged fasting
Alexandra M. Koba	Physiology/Functional Morphology	San Francisco State University	Art and Science of Anatomy: Hemisection of the Head and Neck
Fredrick Larabee	Physiology/Functional Morphology	University of Illinois at Urbana-Champaign	Structural Properties of a High-Performance Biological Material: Cuticle of the Trap-Jaw Mandible
Carlos F. Morantes	Physiology/Functional Morphology	Bellevue Community College	Evaluating volume-surface ratio in bee brains
Cameron E. Naficy	Physiology/Functional Morphology	University of Colorado at Boulder	Evaluating the physiological basis for climate-induced forest dieback in Nothofagus dombeyi and Austrocedrus chilensis forests, Northern Patagonia, Argentina

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Stephanie A. Wolf	Physiology/Functional Morphology	James Madison University	Locomotor ontogeny and postcranial growth in Propithecus verreauxi and Lemur catta.
Qing Yan	Physiology/Functional Morphology	University of Miami	The Role of an Expanded Glutamatergic Interneuron Population in the Motor Recovery of Zebrafish Glycine Transporter 1 Mutant
Mingna Zhuang	Physiology/Functional Morphology	University of California-Berkeley	Gliding Performance in the Anolis Genus
Kiersten L. Berggren	Psychology	University of Wisconsin-Milwaukee	Exercise and the Expression of Hypoxia-Inducible Factor - 1 alpha in the Hippocampus of the Adult Rat
William J. Flerlage	Psychology	St. Mary's College of Maryland	Incubation of cocaine-craving in the NVHL model of schizophrenia: Role of DeltaFosB
Christopher J. Li	Psychology	Duke University	Exploring the Relationship Between Mindfulness, Impulsivity, Neural Response to Reward and Dopamine
Katrina S. Rodzon	Psychology	Utah State University	Training Program for Self-Controlled Behavior in Children.
Gretchen L. Sholty	Psychology	University of California-Los Angeles	Psychobiological Determinants of Stress Reactivity in Schizophrenia
Leanne M. Shulman	Psychology	Middlebury College	The Effects of Sexual Experience on Memory and Perseverance in Adult Male Rats
Fabian A. Soto	Psychology	University of Iowa	General principles of visual object recognition
Lee O. Villatoro	Psychology	University of Wisconsin-Milwaukee	Immediate versus delayed consequences of cerebellar damage on spatial processing in the Morris Water Maze
Da-Jiang Zheng	Psychology	Oklahoma State University	Social Recognition in Prairie Voles (Microtus Ochrogaster): Discriminating lovers from strangers

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Michael J. Andersen	Systematics/Evolutionary Biology	University of Kansas	Using a multi-locus, coalescent framework to study patterns of genetic variation across an insular avian hybrid zone
Robert L. Baker	Systematics/Evolutionary Biology	University of Colorado at Boulder	Molecular Characterization of the Microevolution and Development of Mimulus guttatus Shoot Branching
Emily S. Boward	Systematics/Evolutionary Biology	Hood College	Characterizing Microsatellite DNA Diversity of Rusty Crayfish in Maryland
Rebecca A. Chong	Systematics/Evolutionary Biology	Colorado State University	Disentangling the mechanisms driving genome expansion
Aaron A. Comeault	Systematics/Evolutionary Biology	University of Colorado at Boulder	Local adaptation and genomic patterns of divergence in Timema cristinae walking-stick insects.
Amanda Glazier	Systematics/Evolutionary Biology	University of Massachusetts Boston	Investigation of the Depth Differentiation Hypothesis in Three Genera of Deep Sea Bivalves
Melissa A. Johnson	Systematics/Evolutionary Biology	University of Hawaii at Hilo	The importance of geographic isolation in the evolution of reproductive barriers between species of Hawaiian Cyrtandra (Gesneriaceae)
Alicia M. Kennedy	Systematics/Evolutionary Biology	Villanova University	Stem Lepidosaurs from Driefontein: An Apomorphy Based Approach
Skye N. Klingbeil	Systematics/Evolutionary Biology	Portland State University	Inheritance of a Heteroplasmic Mitochondrial DNA Mutation in Caenorhabditis briggsae
Andrew C. Kraemer	Systematics/Evolutionary Biology	Iowa State University	Identifying the Proximate (Molecular) and Ultimate (Evolutionary) Mechanisms Driving a Color Polymorphism in a Plethodon Salamander

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James J. Lewis	Systematics/Evolutionary Biology	University of California-Irvine	Is there a butterfly mimicry toolkit? Co-option vs. parallel evolution in wing pattern development
Rafael Maia	Systematics/Evolutionary Biology	University of Akron	Evolution and diversification of iridescent feather coloration in African Starlings
Steven J. Micheletti	Systematics/Evolutionary Biology	San Francisco State University	Evolution of Adaptive Crypsis in Lava Field Dwelling Side-Blotched Lizards (Uta stansburiana)
Christopher L. Owen	Systematics/Evolutionary Biology	University of Connecticut	A genomic perspective of the pattern and process of speciation among three sister cryptic species of Australian cicadas
Adam C. Pritchard	Systematics/Evolutionary Biology	State University of New York at Stony Brook	The Phylogeny, Radiation, and Morphological Change Rates of Basal Diapsid Reptiles
Daniel E. Runcie	Systematics/Evolutionary Biology	Duke University	Heat shock responses and the evolution of robustness to thermal stress in development
Arun Sethuraman	Systematics/Evolutionary Biology	Iowa State University	Understanding genome-level effects of gene-flow in experimental evolution lines of temperature sensitive Caenorhabditis elegans mutants.
Kimberly A. Tenggardjaja	Systematics/Evolutionary Biology	University of California-Santa Cruz	A Genetic Comparison of Endemic and Non-Endemic Damselfishes throughout the Hawaiian Archipelago
Jeffery M. Tharp	Systematics/Evolutionary Biology	Indiana State University	The effect of environmental variance on thermal acclimation capacity
Andrew L. Verardo	Systematics/Evolutionary Biology	Georgetown University	EVOLUTION OF PANCREATIC ENDO- AND EXOCRINE CELLS IN DEUTEROSTOMES
Nathan Z. Gwyn	Tectonics/Geophysics	East Carolina University	Emplacement and growth of shallow, complex intrusions, Henry Mountains, Utah

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Dean G. Hazle	Tectonics/Geophysics	Hope College	Structural mapping and tectonic history in the the Stensj÷strand supracrustal belt, Halland Sweden
Jackie M. Langille	Tectonics/Geophysics	University of Tennessee-Knoxville	Extension in the convergent Himalaya: Quantitative constraints on extension accommodated by the Leo Pargil shear zone, NW India
Zachery Lifton	Tectonics/Geophysics	Georgia Institute of Technology	Refining geodetic rates of deformation in the central Walker Lane with a new densified GPS network
D. Sarah Stamps	Tectonics/Geophysics	Purdue University-West Lafayette	Kinematic constraints on the Lwandle-Somalian plate boundary across Madagascar from GPS geodesy