Brandon S. Carpenter	Cell Biology/Biochemistry	Appalachian State University	Identification and Characterization of a Highly Conserved Meis2 Linked
Wendy Bohon	Tectonics/Geophysics	Arizona State University	Gene Slip rate, recurrence interval and seismic hazards of the Karakoram Fault,
Lynn M. Lucas	Anthropology	Arizona State University	Ladakh, NW India Functional correlates of the primate masticatory system
Sara J. Marsteller	Anthropology	Arizona State University	A Biogeochemical Approach to Highland-Coastal Community Interaction in the Lurin Valley, Peru: Quantifying Regional Strontium and Oxygen Isotope Variation
Adrienne M. Zillmann	Ecology	Arizona State University	Environmental iron availability and the outcome of a deadly amphibian disease
Amy Skibiel	Ecology	Auburn University	Effects of maternal investment in milk quality on juvenile Columbian ground squirrels
Jessica D. Stephens	Ecology	Auburn University	Elucidating effects of pitcher plant wetland fragmentation: A study of dispersal and genetic connectivity on an arthropod associate, Exyra semicrocea (Lepidoptera: Noctuidae)
Anne E. Gunter	Cell Biology/Biochemistry	Austin College	Proteasome Activator PA28gamma inhibits cell survival through degradation of the stress activated protein kinase p38
Nicholas S. Green	Ecology	Baylor University	Life on the edge: using physiological indicators of diet quality to test the resource-distribution model of boundary effects in the small mammal community of an endangered tallgrass prairie

Katherine F. Stryjewski	Behavioral Ecology	Boston University	Signalling in Young Birds: Evolution of Elaborate Phenotypic Traits by Parental Choice
Bishwo N. Adhikari	Behavioral Ecology	Brigham Young University- Provo	Identification of freeze tolerant genes from Antarctic Dry Valley nematode Plectus murrayi
Sandra M. Rehan	Systematics/Evolutionary Biology	Brock University	Social evolution of the small carpenter bees
Abdiel J. Flores	Psychology	California State Polytechnic University, Pomona	An Examination of Moderators and Mediators of Stereotype Threat Effects on First-Generation College Students F Academic Performance
Erin E. Gottschalk Fisher	Conservation Biology	California State University- Chico	Vernal Pool Restoration for two rare grasses, Neostapfia colusana and Tuctoria greenei, at the Sacramento National Wildlife Refuge Complex.
Akira Iwami	Cell Biology/Biochemistry	California State University- Chico	Faster transport of synaptic proteins account for an increase in synapse formation.
Heather E. Upton	Cell Biology/Biochemistry	California State University- Fresno	Characterization of Bacillithiol Disulfide Reductase
Denita M. Weeks	Ecology	California State University- Northridge	Fundamental niche modeling and implications of global climate change for the world's southernmost gecko, Homonota darwinii
Allen J. Pope	Hydrology/Geomorphology	Cambridge University	Spectral and physical characterization of glacier facies
Kayla M. Hager	Cell Biology/Biochemistry	Cedar Crest College	Analysis of the interaction between Pif1p helicase and Replication Protein A by a Yeast 2-Hybrid Assay
Christina A. Matika	Cell Biology/Biochemistry	Cedar Crest College	Analysis of the Interactions of Replication Protein A with Telomeres in Saccharomyces cerevisiae

Keith J. Miller	Conservation Biology	Central Michigan University	Assessment of dispersal corridors connecting protected Andean bear (Tremarctos ornatus) habitat in the Venezuelan Andes.
Samik K. Upadhaya	Chemistry	Central Michigan University	Synthesis and characterization of hyperbranched fluoropolymers (HBFP) used for proton exchange membranes (PEMs).
Sandy M. Kawano	Physiology/Functional Morphology	Clemson University	Habitat Transitions in Vertebrates
Kathryn A. Holt	Psychology	College of William and Mary	Age-related changes in cognitive control and conflict processing
James A. Kealey	Behavioral Ecology	Columbia University	Genetic and ecological determinants of highly social behavior in Synalpheus snapping shrimp
Jie Xu	Engineering	Columbia University	Microfluidic chips for single cell manipulation
Diego C. Fernandez	Physiology/Functional Morphology	Consejo Nacional de Investigaciones Cientφficas y TΘcnicas	Induction of ischemic tolerance in experimental diabetic retinopathy
Tyler J. Nielsen	Cell Biology/Biochemistry	Des Moines University	Glycogen Storage by Parasitic and Commensal Trichomonads
Karen E. Sullam	Ecology	Drexel University	The Evolution of Guppy Feeding Ecology and Intestinal Microbial Communities
Viviane Callier	Physiology/Functional Morphology	Duke University	Physical and molecular mechanisms of size regulation in the tobacco hornworm, Manduca sexta
Melissa A. Gottron	Cell Biology/Biochemistry	Duke University	A role for beta-amyloid in glaucomatous optic nerve degeneration.
Amanda L. Grusz	Systematics/Evolutionary Biology	Duke University	Evolutionary relevance of asexual lineages: examining the potential for recombination in apomictic desert ferns

Cheng-Ruei Lee	Systematics/Evolutionary Biology	Duke University	The role of differential adaptation in incipient
Caitlin Smukowski	Systematics/Evolutionary Biology	Duke University	speciation Variation in regional recombination rates between species
Lindsey N. Fix	Cell Biology/Biochemistry	East Carolina University	Analysis of the Effects of Green Tea Polyphenols on the microRNA expression profile of MCF-7 Breast Cancer Cells
Whitney Stamey	Anthropology	Eckerd College	Essential Crest Bifurcation (ECB) in Maxillary Premolars
Nikia L. Rice	Physiology/Functional Morphology	Florida Institute of Technology	Comparing Retinal Photoreceptor Organization of C. caretta and C.mydas throughout Developmental Stages
Anthony Caragiulo	Conservation Biology	Fordham University	Constructing Central American jaguar (Panthera onca) population structure using parasite genetics
Oriana Chan	Ecology	Fordham University	ΓÇ£Integrating vocalization and small-scale radar data to better understand how light and noise affect birds migrating through a major cityΓÇ¥
Suzanne K. Macey	Conservation Biology	Fordham University	Nest site selection in the Bog Turtle (Glyptemys muhlenbergii) and implications for sexdetermination.
Katie L. Staab	Physiology/Functional Morphology	George Washington University	See the Flow: Measuring Suction Feeding Performance in Cypriniform Fishes Using DPIV
Teresa M. Stoepler	Ecology	George Washington University	Enemy-free space within defended caterpillar hosts
Lauren E. Ullrich	Psychology	Georgetown University	Recognition memory in mild cognitive impairment
Devaleena S. Pradhan	Physiology/Functional Morphology	Georgia State University	Brain is the major source of androgens in Lythrypnus dalli
Nathaniel L. Erb-Satullo	Anthropology	Harvard University	Analyzing Late Bronze Age production patterns through petrographic analysis of ancient ceramics

Vera Okuneva	Physiology/Functional Morphology	Ilia State University	Molecular Changes in Response to Stress Induced by Corticotropin Releasing Hormone Administration and Role of Catecholamines in these Changes
Wesley T. Beaulieu	Ecology	Indiana University - Bloomington	Can mycorrhizal fungi alter apparent competition between plants though modification of defensive chemistry?
Nathalia Chavarro- Rodrфguez	Ecology	Instituto de Ecologia, A.C.	Genetic Variation and reproductive assembly of Palicurea padifolia at a geoagrphic gradient
Victor Pi±eros	Systematics/Evolutionary Biology	Instituto de Ecologia, A.C.	Phylogeographic patterns at different geographic scales of the marine fish Scartella cristata
Jeanine M. Refsnider	Ecology	Iowa State University	Can maternal nest-site choice compensate for the effects of global climate change on reptiles with temperature-dependent sex determination? A commongarden experiment using a model species
Leslie Parker	Physiology/Functional Morphology	James Madison University	BIOMECHANICS OF QUADRUPEDALISM IN MAMMALS
Stephanie A. Wolf	Physiology/Functional Morphology	James Madison University	An ontogenetic study of lower limb morphology and leaping behavior in two captive Strepsirrhine primates
Michael D. Martin	Systematics/Evolutionary Biology	Johns Hopkins University	Historical genetic structure in native range of invasive common ragweed
Colbey W. Freeman	Ecology	Lebanon Valley College	Sediment-Oxidizing Capabilities of Two Isoetid- Like Species Compared to the Rhizosphere Oxidation Associated with Prototypical Isoetids

Jeremy M. Brozek	Systematics/Evolutionary Biology	Lehigh University	Understanding modes of selection promoting the evolution of character displacement in North American Calopteryx damselflies.
Tara A. Redding	Hydrology/Geomorphology	Lehigh University	Mercury and Dissolved Organic Carbon Interactions during Base and Storm Flow Events in the Little Lehigh Watershed
Amanda K. Accamando	Ecology	Louisiana State University- Baton Rouge	The efficacy of an induced defense strategy for plants among neighbors
Benjamin Akih Kumgeh	Engineering	McGill University	Investigation of vapour liquid equilibria of bio-jet fuel surrogates
Hannah J. Munro	Ecology	Memorial University of Newfoundland	Ecology of ectoparasites in Crested Auklets (Aethia cristatella)
Steven M. Castellano	Ecology	Miami University Ohio	Use of 15N Stable Isotope to Label Lonicera maackii (Amur Honeysuckle) Propagules: A New Method to Track Seed Dispersal and Recruitment
Darcy Dayhoff	Behavioral Ecology	Miami University Ohio	Effect of male parental care in Microtus pinetorum due to the microsatellite length for the avpr1a gene
Jun Zheng	Cell Biology/Biochemistry	Miami University Ohio	Identification of protein factors of a novel in vitro pre-mRNA cleavage and polyadenylation system in Arabidopsis
Patricia A. Nadeau	Tectonics/Geophysics	Michigan Technological University	Confirmation of the source of tremor at Kilauea volcano by integration of geophysical and geochemical evidence
Erik W. Skau	Physics/Astronomy	North Carolina State University	Engineering Omniphobic Surfaces from Beaded Nanofibers
Chiung-Yun Chang	Psychology	Ohio State University	Time-course of perception of Mandarin Chinese tones

Amie Robison	Ecology	Oklahoma State University	Influence of Predation-
			based Chemical Cues on
			Contaminant Sensitivity in
			Fathead Minnows
			(Pimephales promelas)
Arielle Shanahan	Behavioral Ecology	Oklahoma State University	Effects of immunization on
			song quality in male zebra
			finches
Lindsay M. Biga	Conservation Biology	Oregon State University	It Depends: A study of
			context dependence in
			pesticide toxicity to
			amphibians
Katherine M. Phillips	Cell Biology/Biochemistry	Pennsylvania State	An In Vitro Study of the
		University	Effects of Metastatic Breast
			Cancer on Megakaryocytes
Christina Ragan	Cell Biology/Biochemistry	Pennsylvania State	Investigation of the SERT
_		University	gene in a rodent model of
			neophobia.
Sophia T. Trieu	Engineering	Portland State University	Increase of adhesive bond
			strength between
			composite and enamel by
			active application of acid
			etchant
Rebecca S. Levin	Cell Biology/Biochemistry	Princeton University	Determining In vivo Histone
			Modification Dynamics with
			Quantitative Proteomics
Nicholas L. Swanson-Hysell	Tectonics/Geophysics	Princeton University	Evaluating the carrier of an
			antiparallel magnetization
			in 1.1 billion-year-old basalt
			flows through microscopy
			and rock magnetic
			experiments
Zeran Li	Cell Biology/Biochemistry	Purdue University-West	The Role of Phenylthiourea
		Lafayette	on Zebrafish Eye Growth
			Regulation - A Model for
			Human Refractive Errors.
Michelle DiLeo	Conservation Biology	Queens University	Landscape and
			Conservation Genetics of
			the Threatened Eastern
			Massasauga Rattlesnake
			(Sistrurus c. catenatus).
Jacob G. Henderson	Cell Biology/Biochemistry	Saint Louis University	Comparison of adult and
			neonatal airway epithelial
			cells
Daniel J. Ironside	Engineering	Saint Louis University	Experimental Verification of
			Coupled Structural Dynamic
			and Aerodynamic Wing
			Simulation

Talina H. Konotchick	Ecology	Scripps Institution of Oceanography	Gene expression studies in the Giant Kelp, Macrocystis pyrifera
Kimberly G. Konka	Psychology	St. Mary's College of Maryland	Effects of Postnatal Exposure to Prozac on Adult Rat Motor and Emotional Behavior
Zuzana Chovanec	Anthropology	State University of New York at Albany	Analysis of Residues of Ancient Artifacts for Non- Subsistence Plant Substances in Prehistoric Cyprus
Kathryn Dorst	Engineering	State University of New York at Stony Brook	Effects of Surface Topography on Osteoblast Adhesion, Migration and Biomineralization
Yan Leyfman	Cell Biology/Biochemistry	State University of New York at Stony Brook	Development of the Stem Cell-Targeted Treatment of Colon Carcinoma
Jennifer A. Segui	Engineering	State University of New York at Stony Brook	Self assembly of ordered bulk heterojunction solar cells via nanoparticle confinement in polymer blend thin films
Kapil Mandrekar	Ecology	State University of New York College of Environmental Science and Forestry	Ecological Energetics of the Giant Fish Arapaima: Management Implications
Daniel J. Gurdak	Conservation Biology	SUNY College of Environmental Science and Forestry	Butterfly Diversity and Conservation in Assam, India
William D. Helenbrook	Conservation Biology	SUNY College of Environmental Science and Forestry	Emerging zoonoses: Effects of anthropogenic disturbance on parasitic disease, chronic stress, and pathogen transmission between human and nonhuman primate populations
Kristen J. Epp	Behavioral Ecology	Texas State University-San Marcos	Does predation and cannibalism on juveniles by adults influence community stability in a unisexualbisexual fish complex?

Lixia Chen	Cell Biology/Biochemistry	Texas Tech University	Gene expression changes accompanying p53 activation after NNK treatment in human lung bronchial epithelial cells BEAS-2B
Jennifer M. Cole	Cell Biology/Biochemistry	Texas Tech University	CYP1A1 and CYP1A2 Induction in Benzo[a]pyrene-Exposed Skin/Blubber Organotypic Cultures of the Bottlenose Dolphin
Pramila Khatri Chhetri	Ecology	Tribhuvan University	An Analytical Study of Carbon Sequestration in Coniferous and broadleaf forests of Nepal
Xiao He	Computer Science/Mathematics	Tsinghua University	Fault Detection and Fault- tolerant Control for Networked Control Systems
Vanina A. Fernandez	Behavioral Ecology	Universidad de Buenos Aires	INFLUENCE OF NUTRITIONAL, ECOLOGICAL AND SOCIAL FACTORS ON FOOD SELECTION IN BLACK AND GOLD HOWLERS MONKEYS (Alouatta caraya).
Cristina Jasso del Toro	Behavioral Ecology	Universidad Nacional Autonoma de Mexico	Kinship and social interactions of young howler monkeys (Alouatta palliata) in continuous and fragmented habitats in Los Tuxtlas Veracruz, Mexico.
Richard I. Horn	Behavioral Ecology	University of Akron	Aseptic architecture in an avian system
Christopher J. Freeman	Ecology	University of Alabama at Birmingham	Using stable isotopes to evaluate the importance of symbiont derived nutrition to marine sponges
Julie G. Price	Ecology	University of Alabama at Birmingham	Plant Selection for Stormwater Mitigation in the Southeastern U.S.
Stephanie Wong	Behavioral Ecology	University of Alabama at Tuscaloosa	The impact of elaborate ornamentation, hormones, and parasites on male mate choice in convict cichlid fish (Amatitlania nigrofasciata)

Roberta Newbury	Ecology	University of British	Winter food habits of
		Columbia Okanagan	bobcats (Lynx rufus) in
			northwest Montana.
Maha N. Haji	Engineering	University of California-	Human Power Generation
		Berkeley	in Fitness Facilities
Sarah A. Laredo	Behavioral Ecology	University of California-	Neural and hormonal
		Davis	variation between
			populations of California
			ground squirrels
			(Spermophilus beecheyi)
			facing different predation
			pressures
Monica D. Ramstetter	Systematics/Evolutionary	University of California-	Pinpointing the origins of a
	Biology	Irvine	novel wing color in mimetic
			butterflies
Kara L. Thorsen	Psychology	University of California-	Early Detection of Autism:
		Irvine	An Evaluation of a Parent
			Training Program
Neil Losin	Behavioral Ecology	University of California-Los	Evolution of interspecific
		Angeles	territoriality in invasive
			Anolis lizards
Claire L. Narraway	Behavioral Ecology	University of California-Los	A test of kin selection
		Angeles	theory in honeybees: Using
			worker policing to
			distinguish between
			nepotism and group
			benefits.
Hilton Oyamaguchi	Ecology	University of California-Los	The Role of the Rainforest-
		Angeles	Savanna Gradient in the
			Diversification of
			Amazonian Frogs
Stephanie E. Steele	Ecology	University of California-Los	Genetic and Adaptive
		Angeles	Impact of Seed Dispersal by
			Lekking Manakins
Marisa Tellez	Ecology	University of California-Los	Assessing patterns of host-
		Angeles	parasite distribution of
			Alligator mississippiensis in
			Louisiana by investigating
			annual environmental
			impacts

Jeffrey A. Wolf	Ecology	University of California-Los Angeles	Testing predictions of resource-based competition theory for tree species richness in a tropical forest: The fine-root distribution of tropical trees in relation to soil nutrients on Barro Colorado Island (BCI), Panama
Priya Balasubramaniam	Ecology	University of California- Riverside	Environmental correlates of avian life history variation along elevational gradients
Andrew D. Somerville	Anthropology	University of California-San Diego	A Methodological Study of Lagomorphs as Paleoclimate Monitors in Archaeological Contexts
Caitlin R. Fong	Systematics/Evolutionary Biology	University of California- Santa Barbara	The Evolution of Phototaxia
Abraham Borker	Conservation Biology	University of California- Santa Cruz	A test of acoustic sensors for monitoring breeding seabird populations size
Rachel E. Brown	Paleontology/Sedimentation	University of California- Santa Cruz	The B/Ca proxy for deep- water carbonate ion concentration: A new species-specific calibration for Nuttallides umbonifera
Michelle A. LeliΦvre	Anthropology	University of Chicago	Bridging the Pre- historic/historic divide: Archaeological investigations of post- contact activity in an Atlantic coast shell midden (Maligomish - BjCo-02)
Whitney Howard	Chemistry	University of Cincinnati	New Nano-materials for chemical sensing
Premraj Rajkumar	Physiology/Functional Morphology	University of Cincinnati	Visual coding by the photoreceptor cells in fiddler crab, U. pugilator
Frank W. Smith	Systematics/Evolutionary Biology	University of Connecticut	The genetics of appendage development in the tardigrade species Hypsibius dujardini and the origin of the arthropod appendage

Meghan L. Bills	Physiology/Functional Morphology	University of Florida	The West Indian manatee, Trichechus manatus, chemosensory system: Reproductive use of taste and smell by an aquatic mammal
Maria F. Checa	Ecology	University of Florida	Temporal and spatial patterns of diversity and abundance in butterfly communities (Lepidoptera: Nymphalidae): a case study in an Ecuadorian dry forest
Scott W. Fleming	Physics/Astronomy	University of Florida	New Eyes for Rosemary Hill Observatory
James C. Nifong	Ecology	University of Florida	Can Trophic Cascades be affected by Trait-Mediated Indirect Interactions (TMIIÆs)?
Steve Anthony Noutong Njapo	Engineering	University of Florida	Quantification of astrogenesis in the Internal Capsule and the Corpus Callosum of adult mice.
Schuyler G. van Montfrans	Ecology	University of Florida	Do grazers and drought stress interact to drive die-off and foundation plant species shifts in salt marshes?
Doug Aubrey	Ecology	University of Georgia	Annual importance of root- derived CO2 efflux via xylem stream
Jessica L. Gonynor	Conservation Biology	University of Georgia	Population Health and Disease Ecology of the Gopher Tortoise (Gopherus polyphemus) in Georgia
Kameka L. Johnson	Cell Biology/Biochemistry	University of Georgia	Identification of quorum sensing regulated genes in the seedborne bacterium Acidovorax avenae subsp. citrulli using microarray analysis
Shafkatul I. Khan	Ecology	University of Georgia	Effects of climatic variables on tropical tree species growth in secondary communities along an elevational gradient

Sayali S. Kukday	Cell Biology/Biochemistry	University of Georgia	Small-molecule activators of
Sayali S. Kukuay	Cell Biology/ Biochemistry	Offiversity of Georgia	
			Insulin Degrading Enzyme
			activity: Relevance to
			AlzheimerÆs disease
Peter M. Lanzarone	Anthropology	University of Georgia	Stratigraphic and
			Geophysical Investigations
			at Two Ethiopian Prehistoric
			Archaeological Sites
Megan B. Machmuller	Ecology	University of Georgia	The consequences of
_			climate change-driven soil
			warming on biogeochemical
			processes along a latitudinal
			gradient: How will forest
			_
			carbon and nitrogen
			dynamics change with
			time?
Hongyu Guo	Ecology	University of Houston	Effects of interactions
			between mangroves and
			salt marshes on species
			distribution under global
			warming
Hongan Long	Systematics/Evolutionary	University of Houston	Accumulating spontaneous
	Biology		mutations in germline and
	ыоюду		somatic nuclei of the ciliate
			Tetrahymena thermophila:
			mutation rates and fitness
		6.00	effects
Ekaterina A. Khramtsova	Cell Biology/Biochemistry	University of Illinois at	Regulation of Zinc Transport
		Chicago	by miR-182 in Human
			Prostate Cells
Alexandra M. Hurst	Ecology	University of Kentucky	Effects of sexually
			dimorphic traits on the
			competitive ability of the
			sexes
Nicholas R. Friedman	Systematics/Evolutionary	University of Maryland,	The Chemistry of Elaborate
Theread in Theathan	Biology	Baltimore County	Coloration: Carotenoid
	Biology	Buildinoic County	Pigments in the New World
			Blackbirds
Michael D. Martin	Systematics/Fyelutiones	Haivorsity of Mandand	
Michael D. Martin	Systematics/Evolutionary	University of Maryland,	Speciation in Darters
	Biology	Baltimore County	(Percidae: Etheostoma):
			Testing the Sensory Bias
			Hypothesis
Olyssa S. Starry	Ecology	University of Maryland,	The effects of maintenance
		Baltimore County	practices on water
			retention by greenroofs
Gerald G. Carter	Behavioral Ecology	University of Maryland,	Reciprocal food sharing in
		College Park	vampire bats revisited: do
			they punish cheaters?
			they pullish cheaters:

Randy C. Daum	Anthropology	University of Massachusetts	Comparative Analysis of
		Amherst	Geophysical Techniques at a
			17th-Century Colonial
			Village Site.
Igor Aharonovich	Physics/Astronomy	University of Melbourne	Fabrication of single photon
			emitters in nanodiamonds
Sean M. Beckmann	Systematics/Evolutionary	University of Miami	Effects of urbanzation on
	Biology		the genetic diversity of a
			small mammal habitat
			generalist, the Key Largo
			Cotton Mouse, Peromyscus
			gossypinus allapaticola
David K. Weinstein	Paleontology/Sedimentation	University of Miami	Rates of coral substrate
			bioerosion across a depth
			range of modern Caribbean
			reefs: Implications for past
			and future reef growth and
			development
Daniel S. Kasprick	Cell Biology/Biochemistry	University of Michigan	Development and
		Medical School	regeneration of extraocular
			muscles in zebrafish
Ashley J. Craig	Ecology	University of Mississippi	Illuminating the Black Box
			of Ectomycorrhizal Fungal
			Diversity: characterizing
			Ectomycorrhizal community
			response to restoration
			treatments in Northern
			Mississippi
Bridget J. Piculell	Ecology	University of Mississippi	Genetic correlation of
			Loblolly pine traits and the
			potential for conflicting
			selection pressures
Anthony J. Rietl	Ecology	University of Mississippi	Belowground effects of
			ecological restoration
			practices in a deciduous
			forest in northern
			Mississippi: Year round
			patterns in microbial
			enzyme activities and leaf
			litter decomposition
Timothee Pale	Physiology/Functional	University of Missouri-	Enhancement of axonal
	Morphology	Columbia	regeneration of
			reticulospinal neurons after
			spinal cord injury in
			lampreys
Katherine E. Pelch	Physiology/Functional	University of Missouri-	Altered DNA Methylation in
	Morphology	Columbia	the Pathophysiology and
			Diagnosis of Endometriosis

Mitch A. Tucker	Behavioral Ecology	University of Missouri-	Effects of Polyploidy on
		Columbia	Female Preference in Gray
			Treefrogs, Hyla chrysoscelis.
Sarah Pinto	Ecology	University of Montana	Diversity and compositional
			stability: the influence of
			dominant vs. rare species
			on community assembly
Christy L. Strong	Cell Biology/Biochemistry	University of Montana	Effects of a 5'UTR long
			distance interaction on HIV-
			2 replication
Mark S. Burger	Physiology/Functional	University of Nevada-Las	Anaerobic Metabolism in
	Morphology	Vegas	Hibernating Mammals
Kaitlin M. Daniel	Ecology	University of North Carolina	Effects of Removal of a
		at Asheville	Small Dam in the Toe River
			on Fish and
			Macroinvertebrate
			Populations and Water
			Chemistry.
Yang Cui	Physics/Astronomy	University of North Carolina	Commissioning the first
		at Chapel Hill	fiber bundles for Integral
			Field Unit (IFU) on the SOAR
			Telescope
Kathleen D. Eckert	Physics/Astronomy	University of North Carolina	The Problem with Dwarf
		at Chapel Hill	Galaxies: Why Do they Form
	12.1.1.12		Stars Inefficiently?
Jane Lee	Petrology/Geochemistry	University of North Carolina	Investigation of the
		at Chapel Hill	combined effects of
			temperature and pCO2 on rates of calcification of the
			temperate coral Oculina arbuscula
Ryan D. Mills	Petrology/Geochemistry	University of North Carolina	CALIBRATING AND TESTING
Nyan D. Willis	r etrology/ deochemistry	at Chapel Hill	AN APLITE BAROMETER FOR
		at Chaper rilli	PLUTONIC ROCKS
David V. Stark	Physics/Astronomy	University of North Carolina	What We Don't See:
David Vi Stark	1 11/3/03/7 13 (1 0 1 1 0 1 1 1)	at Chapel Hill	Tracking the Missing
		at Graper rim	Baryons in the Local
			Universe
Robert S. Bowen	Physiology/Functional	University of North Carolina	Sex Steroid Regulation of
	Morphology	at Charlotte	Physical Activity in Mice
Joshua R. Stokell	Cell Biology/Biochemistry	University of North Carolina	Metagenomic Approach to
	,	at Charlotte	Determine Bacterial
			Diversity in Cystic Fibrosis
Ana G. Jimenez	Physiology/Functional	University of North Carolina	The influence of fiber size
	Morphology	at Wilmington	on the cost of ion transport

Meagan N. Schrandt	Behavioral Ecology	University of North Carolina at Wilmington	Linking habitat, behavior, and physiology: examining habitat associated variation in the behavior and stress reactivity of the bicolor damselfish (Stegastes partitus)
Sean P. Hartnett	Cell Biology/Biochemistry	University of Northern Iowa	The Effects of Metolachlor Exposure on Human Cells
Natalie Griffiths	Ecology	University of Notre Dame	Decomposition of corn leaves and native and invasive grasses in the floodplains of restored agricultural streams
Darshana C. Patel	Physics/Astronomy	University of Notre Dame	To study the effect of Mutually Enhanced Magicity effect on nuclear incompressibility by investigating the Giant Monopole Resonance in the Lead (Pb) isotopes and to explore in detail the effect of superfluidity in the nuclear compressibility of the open-s
Eric Vaillancourt	Physiology/Functional Morphology	University of Ottawa	The metabolic fuel selection and lipid mobilization capacity of a long-distance migrant, the Greater Snow Goose (Chen caerulescens atlantica)
Amber L. Weekes	Anthropology	University of Pennsylvania	An Excavation and Bioarchaeological Analysis of the remains from an Iron Age kurgan at Oglanqala, Azerbaijan
Eric A. Griffin	Ecology	University of Pittsburgh	Are tree-fall gaps an engine for reproduction in tropical forests: testing a key but forgotten prediction of the gap hypothesis
Marnin D. Wolfe	Systematics/Evolutionary Biology	University of Pittsburgh	Does HSP101 lead to thermal-tolerance at the expense of drought-tolerance? Implications for adaptation to simultaneous heat and drought stress.

Joshua P. Atwood	Ecology	University of Rhode Island	Evolution of Invasive Plant
			Species on New England
			Islands: a Test of the ERCA
			Hypothesis
Courtney A. Coon	Ecology	University of South Florida	Are invasive House
			Sparrows (Passer
			domesticus) released from
			their natural pathogens?
Jennifier L. Sliko	Paleontology/Sedimentation	University of South Florida	Investigating Pliocene El
			Nino: Nutrient dynamics
			from marine phosphate
			levels in Siderastrea corals
Patrick J. Hudson	Physiology/Functional	University of Tennessee-	Sun versus shade
	Morphology	Knoxville	acclimation and plasticity in
			ecophysiological
			perfromance of Canella
			winterana
Megan C. Todd-Thompson	Ecology	University of Tennessee-	Molecular analysis of a
	<i>J</i> ,	Knoxville	Ranavirus strain involved in
			a die-off of amphibians in
			Great Smoky Mountains
			National Park
Jacob J. Eby	Ecology	University of Toledo	The Abundance of
,	<i>5</i> ,	,	Antibiotic Resistant Bacteria
			Present on Mosquitoes
			Caught at a Recreational
			Park.
Robert C. Hanlon	Chemistry	University of Toledo	Chemical degradation study
	,	,	of poly(lactic acid) and lactic
			acid copolymers
Kathie L. Swan	Petrology/Geochemistry	University of Toledo	Environmental Fate of
	,	,	Monensin, Lasolocid and
			Ivermectin in Soils
Brandon Campitelli	Physiology/Functional	University of Toronto	The ecophysiological
, and the property of the prop	Morphology	, , , , , , , , , , , , , , , , , , , ,	consequences of a leaf
	, 3,		shape polymorphism in
			Ivyleaf morning glory
			(Ipomoea hederacea)
Norman Lee	Behavioral Ecology	University of Toronto at	The geography of group
		Scarborough	sex: a test of alternative
			models to describe male
			spacing and female
			preference in a lek-mating
			subterranean insect.
Daniel M. Evans	Conservation Biology	University of Washington	Habitat Fragmentation,
		, , , , , , , , , , , , , , , , , , , ,	Habitat Corridors and Seed
			Dispersal by Birds
		l .	= :-po.ca. a, 5.1 ao

Adam F. Kowalski	Physics/Astronomy	University of Washington	Spectral Properties of Optical Stellar Flares on Very Short Timescales: Solving the Mystery of Blue Flare Light
Ryan C. Keenan	Physics/Astronomy	University of Wisconsin- Madison	The Galaxy Mass Assembly History of the Universe
Brittany S. Ahuja	Psychology	University of Wisconsin- Milwaukee	Effects of Modulation to the Cerebellothalamocortical Pathway
Todd C. Peterson	Psychology	University of Wisconsin- Milwaukee	Effort Based Decision Making: Before, During and After Brain Injury
Saad Hasan	Chemistry	Vanderbilt University	Solid-state NMR of colloidal graphene and graphitic precursors
Katherine A. Allport	Physiology/Functional Morphology	Villanova University	The Effect of Diet and Training on the Migratory Flight Performance of the European Starling
Erik J. Scully	Behavioral Ecology	Villanova University	Sociality and cooperative reproduction in herbivorous spider Bagheera kiplingi
Michael B. Meyer	Paleontology/Sedimentation	Virginia Polytechnic Institute and State University	New insights into the extinction of the Ediacara Biota through high-resolution isotopic sampling in the Dengying Formation, China.
Marie B. Perez Rivera	Psychology	Virginia Polytechnic Institute and State University	Dichos and Consejos, Ethnic Identity, and Emotion Socialization in Latina Mothers
John D. Welsh	Cell Biology/Biochemistry	Virginia Polytechnic Institute and State University	Modulation of platelet function by protein lipid interaction
Genevieve K. Croft	Systematics/Evolutionary Biology	Washington University in St. Louis	The interplay of ecological and genetic change in the early domestication of a Neotropical fruit tree, Byrsonima crassifolia
Krystal N. Seibert	Cell Biology/Biochemistry	Western Michigan University	Developing an Oncolytic Virus Using Tanapox
Taylor S. Esformes	Physics/Astronomy	Worcester Polytechnic Institute	Sample-Independent Friction Force Calibration