John C. Blong	Anthropology	Texas A&M University- College Station	Paleoenvironmental Reconstruction in the
Heather Guzik	Anthropology	University of Southern	Central Alaska Range Fractal Analysis of Entheses
Jaime Mata-Miguez	Anthropology	Mississippi University of Texas at Austin	in Human Populations The genetic effects of Aztec imperialism: An ancient DNA test at Xaltocan, Mexico
Katherine E. Schroer	Anthropology	George Washington University	Ecological character displacement and speciation in the early hominins of Koobi Fora, East Africa
Ricky W. Smith	Anthropology	University of Texas at Austin	Detecting epigenetic markers of famine during the collapse of the ancient Moche Civilization.
Christophe Snoeck	Anthropology	Oxford University	Structural and Isotopic Studies of Calcined Bone
Katherine E. South	Anthropology	Southern Illinois University- Carbondale	Macroscopic and Compositional Analytical Approaches to Assessing Value of Maya Middle Preclassic Pottery in the Peten Lakes Region of Guatemala
Yuki Tanaka	Anthropology	Southern Illinois University- Carbondale	Evaluation of the degree of regional variations between Belizean and Guatemalan Mopan
Robert J. Arndt	Behavioral Ecology	Indiana State University	Does Moonlight Affect the Movement and Foraging Behavior of Bats in Midwestern Flyways?
Sarah K. Baillie	Behavioral Ecology	Villanova University	Boldness in Response to Predatory Threat and its Correlation with Paternity in Carolina Chickadees (Poecile carolinensis)
Ashveen Bains	Behavioral Ecology	Villanova University	GENETIC VARIATION IN A DOPAMINE RECEPTOR GENE In PURE CAROLINA AND BLACK CAPPED CHICKADEES AND THEIR HYBRIDS

Carolyn M. Bauer	Behavioral Ecology	Tufts University	Does plural breeding with communal care help buffer post-natal stress in the degu (Octodon degus)?
Jacqueline R. Dillard	Behavioral Ecology	University of Kentucky	Disentangling the direct and indirect benefits of delayed dispersal in a social beetle (Coleoptera: Passalidae)
Holly Kilvitis	Behavioral Ecology	University of South Florida	The Effects of Ontogenic Immune Challenge and Hormone Exposure on Adult Sickness Behavior: A Phenomenon Mediated by Methylation?
Michael Kistenmacher	Behavioral Ecology	University of Oklahoma	Oviposition Behavior of S. mortua on Heterocarpic Capitula and its Effects on Larval Performance
Brittany M. McCabe	Behavioral Ecology	Hartwick College	Prey Selection by Octopus vulgaris at San Salvador Bahamas: Do individuals specialize?
Lillian D. Power	Behavioral Ecology	Georgetown University	Comparing Learning Rates in Wild and Laboratory Populations of the Cabbage White Butterfly, Pieris Rapae
Stephanie L. Robinson	Behavioral Ecology	University of Alabama at Tuscaloosa	Phenotypic plasticity and integration: hormonal, morphological, and behavioral responses to salinity in a self-fertilizing, hermaphroditic fish (Kryptolebias marmoratus)
Tessa K. Solomon-Lane	Behavioral Ecology	Georgia State University	Lifetime fitness consequences of early-life social experience
Zachary Steele	Behavioral Ecology	St. Edward's University	Effects of social dominance on male preference for female size in the guppy (Poecilia reticulate)
Shannon Waters	Behavioral Ecology	California State University- Sacramento	Do Salton Sea Tilapia (Oreochromis sp.) Sacrifice Reproduction When Exposed to High Salinity?

Amy M. Worthington	Behavioral Ecology	Iowa State University	Why females mate multiply:
,			Are mating-derived
			fecundity and immune
			benefits transferred in the
			ejaculates of male crickets?
Yonathan T. Ararso	Cell Biology/Biochemistry	Hampden-Sydney College	An shRNA-mediated RNA
	,		Silencing Approach to
			Understand the Role of
			Melanoma-derived Factors
			in the Suppression of
			Dendritic Cell Maturation
			and Activation
Leah R. Brooks	Cell Biology/Biochemistry	University of Colorado at	A developmentally
		Boulder	compromised serotonergic
			system results in an altered
			behavioral stress response:
			the role of fibroblast
			growth factor 8
Steven R. Cockerell	Cell Biology/Biochemistry	Appalachian State	Norspermidine-based
		University	signaling system in Vibrio
			cholerae responsible for
			modulating intracellular c-
			di-GMP and biofilm
			formation
Daniel Cooper	Cell Biology/Biochemistry	University of North Carolina	Identifying how the lack of
		at Chapel Hill	GPAT4 prevents diet-
			induced obesity
Aminata P. Coulibaly	Cell Biology/Biochemistry	Miami University Ohio	Characterizing
			oligodendrocytes in close
			apposition to motor
			neurons in the adult spinal
			cord.
Erfan Eilati	Cell Biology/Biochemistry	Southern Illinois University-	The role of cyclooxygenase
		Carbondale	1 and 2 in ovarian cancer in
			the domestic hen
Jason Jacoby	Cell Biology/Biochemistry	University of Illinois at	Activity-dependent pH
		Chicago	dynamics observed through
			synapse-specific fluorescent
			probes in the outer
langu line	Call Dialogy/Diaghty vital	Duka Hairrandh	transgenic zebrafish retina
Jenny Jing	Cell Biology/Biochemistry	Duke University	All-Trans Retinoic Acid
			(ATRA) can specifically drive
Flotonino A I/It	Call Dialogy/Diaghassia	Haironita of Chinana	an OTX2 promoter.
Ekaterina A. Khramtsova	Cell Biology/Biochemistry	University of Chicago	Phosphorylation-dependent occludin and zonula
			occludin and zonula occludens-1 interactions: A
			novel mechanism of tight
			junction barrier regulation

Anita J. Krause	Cell Biology/Biochemistry	Iowa State University	Functional divergence? Comparing opsin expression
			in extra-ocular tissues and eyes of the scallop
			(Pectinidae).
Robert Literman	Cell Biology/Biochemistry	Iowa State University	Molecular Mechanisms
			Underlying Temperature-
			Dependent Sex
			Determination: Can
			temperature-dependent
			chromatin remodeling
			determine vertebrate sex?
Alexandria Mueller	Cell Biology/Biochemistry	University of California-	The extent of SNS
		Riverside	ganglionic blockade in
			prevention of systolic BP
			response to hyperosmotic
			stress in PBDE exposed rats
Robert J. Norgard	Cell Biology/Biochemistry	Pennsylvania State	The Interaction between
-		University	Breast Cancer Cells and a
			Native Decellularized
			Osteoblast Matrix
Mallika Pathania	Cell Biology/Biochemistry	University of Delaware	The Role of Fibronectin in
			Posterior Capsule
			Opacification
Rachel E. Pritchard	Cell Biology/Biochemistry	Miami University Ohio	Differential regulation of
			virulence-associated genes
			in response to oxygen
			availability by Mycoplasma
			iowae
Jonathan D. Rumley	Cell Biology/Biochemistry	Villanova University	Development of a
			transgenic line of zebrafish
			(Danio rerio) in which the
			inducible CNS-specific
			overexpression of brd2a
			can be achieved.
Minqian Shen	Cell Biology/Biochemistry	Miami University Ohio	Estrogen acts as an
			antagonist for oncogenic
			leptin in hepatocellular
			carcinogenesis
Mei San Tang	Cell Biology/Biochemistry	Monash University Malaysia	Correlating mucosal
			immunity with human
			intestinal bacterial flora in
			the pathogenesis of
			inflammatory bowel
			diseases
Shawnt Tosonian	Cell Biology/Biochemistry	University of California-	Characterizing the roles of
		Riverside	cGMP and CNG channels in
			central VP release

			Illumination
			under Visible Light
			Mesoporous Materials
			Evolution over CdS Incorporated TiO2-MCM-48
Rui Peng	Chemistry	University of South Dakota	Photocatalytic Hydrogen
			Retinas
		University	Pigment in Rhesus Monkey
Vanesa Mendez	Chemistry	Florida International	Development of Macular
			by gold clusters
•		,	of CO oxidation catalyzed
Ryan M. Ludwig	Chemistry	Lehigh University	Matrix isolation FTIR study
			coatings into drinking water
	,	,	leached from epoxy
Rachael F. Lane	Chemistry	University of Kansas	The fate of BPA and BADGE
			Cr(III)-salen Complexes
		,	Macrocyclic Oligomeric
	,	University	Terminal Epoxides by
Kurt T. Kinslow	Chemistry	Northern Michigan	Kinetic Resolution of
			for enhanced sensitivity
			copper integrating sphere
			nanoparticles using a
			over supported gold
			carbon monoxide oxidation
			(IMSS) studies of catalyzed
	S. C. I. Sc. ,		Stabilization Spectroscopy
Nina K. Jarrah	Chemistry	Lehigh University	Interfacial Matrix
			Subunits
			Acetylcholine Receptor
LCI ZIIONS	Cen biology/ biochemistry	Scorpia State Offiversity	Anion-Selective Nicotinic
Lei Zhong	Cell Biology/Biochemistry	Georgia State University	Expression Cloning of
			keratitis
			protease to bacterial
		iviai yiaiiu	Pseudomonas aeruginosa
Nathan Wong	Cell Biology/Biochemistry	Maryland	membrane binding
Nathan Wong	Coll Piology/Piochomistm	St. Mary's College of	acid Contribution of a
			treatment with valproic
			human glioma cells after
			herpesvirus type 1 in
		at Wilmington	oncolytic equine
Maria C. White	Cell Biology/Biochemistry	University of North Carolina	Quantifying entry of
	0 11 0: 1 (0: 1		Nucleus
			within the Supraoptic
			Glial-Neuronal Interactions
		Riverside	Physiological Responses:
Joe Valdez	Cell Biology/Biochemistry	University of California-	Glial Control of

Olivia P. Woodruff	Chemistry	University of Kentucky	Compound Specific Stable Isotope Source Characterization of Polycyclic Aromatic Hydrocarbons in Recent Gulf of Mexico Sediments
Gregory J. Barord	Conservation Biology	City University of New York- Brooklyn College	Population assessments of Nautilus in the Indo-Pacific
Michelle C. Biodrowski	Conservation Biology	University of Nebraska at Omaha	The Effects of Patch Burn Grazing on Breeding Grassland Birds
Robert Y. Fidler	Conservation Biology	Florida Institute of Technology	Variation in age-at-size of fishes between Philippine MPAs and fished reefs: implications for the evolution of maladaptive traits
Carli R. Gurholt	Conservation Biology	Central Michigan University	Great Lakes coastal wetland seed banks: Purgatory, not a graveyard. What drives compositional change?
Jennifer M. Kanine	Conservation Biology	University of Georgia	Extracting Nuclear DNA from Allegheny Woodrats (Neotoma magister) Museum Specimens
Allison R. Nelson	Conservation Biology	San Francisco State University	The Geographic Structuring of Catharus Thrushes and their Hemosporidian Parasites
Cynthia A. Page-Karjian	Conservation Biology	University of Georgia	Evaluating latency and cryptic infection of chelonid fibropapilloma-associated herpesvirus in green sea turtles
Courtney L. Turrin	Conservation Biology	College of William and Mary	Negative Feedback Effects of Population Saturation in Bald Eagles in the Chesapeake Bay
Rachael A. Van Essen	Conservation Biology	Illinois State University	Using Stable Hydrogen Isotopes and GIS Tools to Estimate Geographic Extents of Source Populations of Hoary and Eastern Red Bats Killed at a Central Illinois Wind Farm

Jessica N. Welch	Conservation Biology	University of Tennessee- Knoxville	Effects of invasion on an endemic bat population in the Northern Mariana Islands
Shane H. Abinette	Ecology	Virginia Commonwealth University	UrbanizationÆs Effects on the Salamanders and Mosquitos of Vernal Pools
Michelle A. Berry	Ecology	Stanford University	Influence of host phylogeny on gut microbial community composition and function in Costa Rican butterflies
Amber J. Brace	Ecology	University of South Florida	Resource allocation strategies across the introduced range of Anolis sagrei
Rebeca G. deJesus-Crespo	Ecology	University of Georgia	The role of shade trees on watershed conservation in coffee agro-forestry landscapes.
Casey M. Diederich	Ecology	Tufts University	The tradeoff between desiccation and aerial respiration as a factor controlling the distribution of an important invasive species
Rachel E. Eguren	Ecology	Oklahoma State University	Community Structure, Population Demographics, and Biomarkers in Chiroptera from a Superfund site
Gideon A. Erkenswick	Ecology	University of Missouri-St. Louis	Patterns of parasitic infection in a wild population of non-human primates in southeast Peru
Kaitlin J. Farrell	Ecology	University of Georgia	Effects of consumer community composition and feeding strategy on ecosystem-level processes: an in-depth comparison of grassland and mountainous streams in temperate biomes within the SCALER project
Kimberly T. Goetz	Ecology	University of California- Santa Cruz	Using stable isotopes to examine the foraging ecology of Weddell seals in the Ross Sea, Antarctica

Jacob J. Herman	Ecology	Wesleyan University,	Epigenetics and
Jacob J. Herman	Lcology	Connecticut	Transgenerational Plasticity:
		Connecticut	Does Parental Drought
			Influence DNA Methylation
			in Polygonum persicaria?
Anna L. Holtvoigt	Ecology	Wright State University	Habitat Preferences of
Allila L. Holtvoigt	Leology	Wright State Oniversity	Pileated Woodpeckers
			(Dryocopus pileatus)
Jacob S. Howell	Ecology	University of Mississippi	Do coral reef fish stay close
Jacob J. Howell	Lcology	Offiversity of Mississippi	to home?
James R. Junker	Ecology	Montana State University-	Effects of climate-induced
Jailles IV. Julikei	LCOIOGY	Bozeman	changes in temperature and
		Bozeman	flow regime on carbon,
			nitrogen, and phosphorus
			storage in stream
			ecosystems
Vimborly Vallatt	Ecology	University of Coordin	Well-seasoned
Kimberly Kellett	Ecology	University of Georgia	
			demography: Are seasons
			important to fitness of a
Decale and 17 leave	Caalaa	Hairanika af Nauth Causlina	Neotropical perennial?
Bushra Khan	Ecology	University of North Carolina	The effects of hypercapnic
		at Charlotte	hypoxia on metal
			bioavailability in eastern
			oysters, Crassostrea
			virginica and ribbed
			mussels, Geukensia demissa
Rosemary L. Malfi	Ecology	University of Virginia	The impact of phenology
			and floral resource
			availability on the growth
			and reproductive success of
			bumblebee colonies
Mark McCauley	Ecology	University of Mississippi	Studying the Synergistic
			Effects of Temperature and
			UV on Caribbean Octocorals
Jeanette B. Moss	Ecology	Hood College	Population genetics of
			Rhinoptera bonasus, the
			Cownose ray, in the
			Chesapeake Bay
Asia Murphy	Ecology	Virginia Polytechnic	Carnivore ecology in Makira
		Institute and State	National Park, Madagascar,
		University	with an emphasis on fossa
			(Cryptoprocta ferox)
Christine C. Rega	Ecology	University of Missouri-	Are Unmanaged Vacant
		Columbia	Lots Unsuitable Habitats for
			Urban Birds?

Alicia M. Reigel	Ecology	Georgia Southern University	Using genetic analysis to assess the role of artifical offshore structures in the range expansion of Megabalanus coccopoma in Georgia, USA
Matthew K. Rhodes	Ecology	Northwestern University	Exploring the relative importance of functionally distinct pollinators in the reproductive ecology of a rare evening primrose
Anthony J. Rietl	Ecology	Louisiana State University- Baton Rouge	Littoraria irrorata grazing in a Spartina alterniflora marsh: Can mollusk herbivory affect methane dynamics in a salt marsh?
Eve Robinson	Ecology	University of California- Berkeley	How turbulent and wavy flow impacts suspension feeding by an intertidal sea anemone
Sean F. Ryan	Ecology	University of Notre Dame	Assessing the impacts of recent warming on the functional genetics of a butterfly hybrid zone
Stephanie Schroeder	Ecology	Rochester Institute of Technology	The Impact of Fruit Quality on the Physiological Condition of Songbirds during Migration Stopover
Leticia Soares	Ecology	University of Missouri-St. Louis	Avian malaria parasites in the Lesser Antilles: using past distributions to understand the dynamics of host-parasite communities
Natasha A. Urban	Ecology	University of Cincinnati	A comparison of Null, Neutral, and Mechanistic Models to Explain and Predict the Abundance and Diversity of Organisms in Island-mainland Systems
Joseph C. Waddell	Ecology	University of Central Florida	Sexual signaling energetics and life history in Peruvian Brachyhypopomus, a genus of Neotropical electric fishes.

Christopher A. Dorval Dion Sumit S. Goenka	Engineering Engineering Engineering Engineering	North Carolina State University École Polytechnique de Montréal Carnegie Mellon University Duke University	Interactions of mechanics, diffusion and phase transformation for high rate-capacity lithium-ion batteries Functionalization of nanoparticles by means of photo-initiated chemical vapor deposition (PICVD) Development and characterization of elastomeric nanocomposite films and fibrous scaffolds Red Blood Cell As RNA Vaccine Carrier for
Sumit S. Goenka E	Engineering Engineering	École Polytechnique de Montréal Carnegie Mellon University	transformation for high rate-capacity lithium-ion batteries Functionalization of nanoparticles by means of photo-initiated chemical vapor deposition (PICVD) Development and characterization of elastomeric nanocomposite films and fibrous scaffolds Red Blood Cell As RNA
Sumit S. Goenka E	Engineering Engineering	Montréal Carnegie Mellon University	rate-capacity lithium-ion batteries Functionalization of nanoparticles by means of photo-initiated chemical vapor deposition (PICVD) Development and characterization of elastomeric nanocomposite films and fibrous scaffolds Red Blood Cell As RNA
Sumit S. Goenka E	Engineering Engineering	Montréal Carnegie Mellon University	Functionalization of nanoparticles by means of photo-initiated chemical vapor deposition (PICVD) Development and characterization of elastomeric nanocomposite films and fibrous scaffolds Red Blood Cell As RNA
Sumit S. Goenka E	Engineering Engineering	Montréal Carnegie Mellon University	nanoparticles by means of photo-initiated chemical vapor deposition (PICVD) Development and characterization of elastomeric nanocomposite films and fibrous scaffolds Red Blood Cell As RNA
	Engineering	Carnegie Mellon University	photo-initiated chemical vapor deposition (PICVD) Development and characterization of elastomeric nanocomposite films and fibrous scaffolds Red Blood Cell As RNA
	Engineering	,	vapor deposition (PICVD) Development and characterization of elastomeric nanocomposite films and fibrous scaffolds Red Blood Cell As RNA
	Engineering	,	Development and characterization of elastomeric nanocomposite films and fibrous scaffolds Red Blood Cell As RNA
	Engineering	,	characterization of elastomeric nanocomposite films and fibrous scaffolds Red Blood Cell As RNA
Kyle K. Phua		Duke University	elastomeric nanocomposite films and fibrous scaffolds Red Blood Cell As RNA
Kyle K. Phua		Duke University	films and fibrous scaffolds Red Blood Cell As RNA
Kyle K. Phua E		Duke University	Red Blood Cell As RNA
Kyle K. Phua		Duke University	
			Vaccine Carrier for
			Melanoma Cancer
			Immunotherapy
Senia I. Smoot	Engineering	University of Dayton	A Pilot Study of the Effect of
			an Acute Vestibular Therapy
			on Postural Stability, Gait
			Variability, and Gaze
			Patterns of Children with
Local A. Trocality of the	F	Hart was to a Colliferation	Autism Spectrum Disorder
Joel A. Trushinski	Engineering	University of California-	Microfluidic Poly-Antibody
Tung lin T Vong	Facinossino	Irvine	Cell Capture Device
Tung-Lin T. Yang	Engineering	Columbia University	A Single-Path STED
			Microscope Implemented by a Periodic Focusing
			Nanostructure
Catherine G. Barcheck	Hydrology/Geomorphology	University of California-	Investigation of subglacial
Catherine G. Barcheck	nyurology/deomorphology	Santa Cruz	hydrological seismic signals,
		Santa Cruz	Breidamerkurjokull Glacier,
			Iceland
Tedros Berhane H	Hydrology/Geomorphology	Miami University Ohio	Fate (sorption and
rearos bernane	Trydrology, acomorphology	Wilding Officer Sity Office	desorption) and Transport
			of Carbamazepine (CMZ)
			and Sulfamethoxazol (SMX)
			in a Palygorskite-
			Montmorillonite (PM) Filter
			Medium
Sean F. Gallen	Hydrology/Geomorphology	North Carolina State	Did the Minoans do it?
	, 5,, 1 107	University	Testing Natural verses
		,	Anthropogenic Controls on
			Holocene Valley-Bottom
			Aggradation in the Messara
			Plain, Crete, Greece
Sean F. Gallen	Hydrology/Geomorphology		Testing Natural verses Anthropogenic Controls on Holocene Valley-Bottom

Nathan J. Lyons Dori L. Contreras	Hydrology/Geomorphology Paleontology/Sedimentation	North Carolina State University University of California-	Genetic markers of landscape change: Cutthroat trout (Oncorhynchus clarkii) populations above migrating waterfalls Investigating the early
DOTT E. CONCRETAS	r aleontology/ Seulmentation	Berkeley	evolution of angiosperm dominated tropical rain forests: a functional analysis of the Cretaceous Fort Harker Assemblage
Abigail R. D'Ambrosia	Paleontology/Sedimentation	University of New Hampshire	Understanding climatic and ecological change across the ETM2 and H2 hyperthermal events
Patrick J. Gunn	Paleontology/Sedimentation	Hobart and William Smith Colleges	Calibrating stable isotopic paleoclimate indicators through a high-resolution investigation of modern sedimentation in Seneca Lake, New York, USA.
Rory K. Clisby	Petrology/Geochemistry	Swansea University	Is there a CO2 fertilisation effect in high elevation bristlecone pines?
Megan Drinnan	Petrology/Geochemistry	Oregon State University	Textures associated with the Glass to Altered-Glass transition in Seamount Basalts: Implications for Microbial Alteration of the Ocean Crust
Kristina P. Pourtabib	Petrology/Geochemistry	Eastern Illinois University	The Road Less Travelled: Explosive Primitive Flank Eruptions
Adelaide L. Baker	Physics/Astronomy	University of Central Florida	Do Bounce-Back Systems Tilt, Wobble, & Precess?
Rachael L. Beaton	Physics/Astronomy	University of Virginia	Investigation of New Open Cluster Candidates in the Milky Way
Michael Chacko	Physics/Astronomy	University Of Oklahoma Health Sciences Center	Improved Heat Control Management for Neonatal MRI
Hiram J. Conley	Physics/Astronomy	Vanderbilt University	Measuring the Casimir effect with Graphene Resonators

James M. Folberth	Physics/Astronomy	Rose-Hulman Institute of	Improved flat field frame
	i ilysics, / isci siloni,	Technology	capturing, image reduction,
			and installation of an
			instrument rotator.
Daniel S. Gruss	Physics/Astronomy	Oregon State University	Entanglement and
	, , ,	,	correlations in transport:
			From nanoscale electronics
			to cold atoms
Samuel P. Halverson	Physics/Astronomy	Pennsylvania State	Development of a New,
		University	Precise Near-infrared
			Doppler Wavelength
			Reference: A Fiber Fabry-
			Perot Interferometer
Kay Hiranaka	Physics/Astronomy	Hunter College of The City	Improving the Cloud Model
		University of New York	of Young Brown Dwarfs and
			Giant Exoplanets
Amanpreet Kaur	Physics/Astronomy	Clemson University	Spectral transformation
			studies of novae in M31 and
			their connection with
			Supernova-la progenitors
Alexander J. Krejci	Physics/Astronomy	Vanderbilt University	Do Magnetic Dipolar
			Interactions Give Rise to
			Ordering in Nanoparticle
			Monolayers?
Vasaant Krishnan	Physics/Astronomy	University of Tasmania	Maser Astrometry
Richard L. Pearson	Physics/Astronomy	University of Denver	Identifying thermal dust
			properties in binary star
			systems by radiative
			transfer modeling
Zhengqing J. Qi	Physics/Astronomy	University of Pennsylvania	Correlating the sub-
			angstrom physical and
			electrical properties of
			graphene nanoribbons
Kristina A. Rolph	Physics/Astronomy	Franklin and Marshall	Low-frequency PUPPI
		College	Search for Pulsars and
W. I. I. D. C. I. I.	51 . /		Transients in M33
Kimberly R. Sokal	Physics/Astronomy	University of Virginia	Optical studies of
			Extragalactic Super Star
			Clusters and understanding
			the Wolf-Rayet Emission
lanah I Taff	Dlandar / Artining	Hadron with a Children Dall	Line
Jacob J. Teffs	Physics/Astronomy	University of North Dakota	Collection and Analysis of
			Spectra of Time-Dependent
			Astronomical Events:
			Spectroscopic Binaries,
			Comets, Supernovae and
			GRBs

Aaron E. Watkins	Physics/Astronomy	Case Western Reserve University	Deep Imaging of the Extended Regions of Nearby Disk Galaxies
David G. Whelan	Physics/Astronomy	University of Virginia	Supporting Undergraduate Women Researchers in Astronomical Research
Jennifer G. Winters	Physics/Astronomy	Georgia State University	Red Dwarf Multiplicity in the Solar Neighborhood
Elizabeth J. Young	Physics/Astronomy	Princeton University	Integrated manufacture and design of shaped pupil coronagraphs for the direct imaging of exoplanets
Eric Armstrong	Physiology/Functional Morphology	University of California- Berkeley	Physiological and Transcriptomic Response of a Giant Clam (Tridacna squamosa) to Increased Temperature and Variable pH
David J. Barton	Physiology/Functional Morphology	Georgetown University	Traumatic brain injury: targeting blood-brain barrier damage
Clara Cooper-Mullin	Physiology/Functional Morphology	Ohio State University	Oxygen consumption and stress resistance in cultured skeletal muscle of Coturnix quail selected for 4-week body size
Rachel E. Dorfman	Physiology/Functional Morphology	San Francisco State University	Physiological and Molecular Responses of the Coccolithophore Calcidiscus leptoporus to Ocean Acidification and Increased Temperature
Jennah L. Durham	Physiology/Functional Morphology	Columbia University	End-Stage Hip Disease in the Very Young Patient
Estefania Fierro	Physiology/Functional Morphology	Florida International University	Stroboscopic Training Improves Cognitive Functioning and Performance
Joanna Gardiner	Physiology/Functional Morphology	James Madison University	Using Accelerometry to Study Leaping in Primates
Anthony L. Hessel	Physiology/Functional Morphology	Northern Arizona University	EMG Analysis of the Plethodontidae Swimming, Walking and Jumping Mechanics

Frida Johannesdottir	Physiology/Functional Morphology	Cornell University	Morphological trait variation in the American Red Squirrel (Tamiasciurus hudsonicus) in relation to tolerance of extreme temperatures
Yi-Fen Lin	Physiology/Functional Morphology	University of Massachusetts Amherst	Burrowing performance in three American moles
Patrick Mineo	Physiology/Functional Morphology	Miami University Ohio	Molecular mechanisms underlying thermal acclimation in the Eastern newt (Notophthalmus viridescens).
Lorian E. Schweikert	Physiology/Functional Morphology	Florida Institute of Technology	Adaptive Plasticity of the Retina in Response to Environmental Cues
Kurt A. Spurgin	Physiology/Functional Morphology	University of California- Riverside	PACAP involvement in elevated excitatory drive in the PVN.
Ye Sun	Physiology/Functional Morphology	University of Connecticut	Characterization of the Ependymal Layer in the Human Brain
Steven W. Thornton	Physiology/Functional Morphology	University of North Carolina at Wilmington	Functional morphology of dorsal acoustic structures in pygmy (Kogia breviceps) sperm whales
Parviz L. Bozzelli	Psychology	George Mason University	Does zinc supplementation alter protein levels of synaptic transporters?
Joshua L. Downing	Psychology	Ohio University	Experimental deployment of a Variable Perspective Optical Device (VPOD) for the study of vision and perceptual adaptation in humans
Vanessa L. Ehlers	Psychology	University of Wisconsin- Milwaukee	Effect of Oral Administration of Apoaequorin on Cell Death following Ischemia.
Enrique I. Gracian	Psychology	University of Wisconsin- Milwaukee	Eye-tracking may capture differences in memory deficits associated with normal aging and agerelated neurodegenerative disease.
Jooa J. Lee	Psychology	Harvard University	A Neuro-endocrinological Study of Dishonesty

the Effects of Early-Life
Stress on Adult Fear
Conditioning
ana Predator-Induced
Multicellularity in
Chlamydomonas reinhardtii
f Marine Sponges, shrimps, and
of William symbionts: Testing how
sponge symbiotic bacteria
mediate host use patterns
of snapping shrimp
(Synalpheus)
ornia- Early stages of adaptive
radiation: Insights from
spiders in the Hawaiian
archipelago
achusetts Cavitation Control in the
Mantis Shrimp
ima at The Integrated Phenotype:
Physiological Underpinnings
and Its Impact on
Phenotypic Diversity and
Evolution
Transcriptomic analysis of
brain and caste evolution in
Pheidole ants
ming Immunogenetic adaptation
and reproductive isolation
along altitudinal gradients
at El Cryptic Speciation in Some
Cosmopolitan Species of
Phylum Rotifera
The developmental genetic
basis of lung loss in lungless
salamanders
iversity Determining the predictive
power of custom
Mycobacteriophage cluster
microarray cassettes
Population Genetic Stucture
of a Highly Specialized Leaf
Roosting Bat
da Genetic homogeneity
across spatial, taxonomic
and ecological boundaries

Mark A. Phuong	Systematics/Evolutionary	University of California-Los	Evolution of color patterns
	Biology	Angeles	in chromodorid sea slugs in
			the Indo-West Pacific
Srihari Radhakrishnan	Systematics/Evolutionary	Iowa State University	Composition and regulation
	Biology		of gonadal genes in turtles
			with genotypic and
			temperature-dependent
			sex determination
Ning Shen	Systematics/Evolutionary	Duke University	Understanding the binding
	Biology		competition between
			transcription factors c-Myc
			and Mad2
Noor D. White	Systematics/Evolutionary	University of Maryland,	Unraveling the Adaptive
	Biology	College Park	Evolutionary History of
			Nocturnal Vision in Birds
Corlett W. Wood	Systematics/Evolutionary	University of Virginia	Selection on a male combat
	Biology		trait in a heterogeneous
			environment
Christopher R. Poythress	Tectonics/Geophysics	East Carolina University	Evaluating the Geometry of
			a Concealed Mesozoic Rift
			Basin via Geophysics, Bertie
			County, North Carolina
Erik D. Thornton	Tectonics/Geophysics	East Carolina University	Constraining the
			emplacement history and
			flow mechanics of a sill/dike
			network on the southern
			margin of Mount Hillers,
			Utah.