

Department	First name	Last name	Description of Research	Notable Accomplishments
Art	Paul	Rutkovsky	Urban blight transformation through art	
Art Education	Tom	Anderson	art, education, and environmental responsibility	refereed article: Anderson, T. & Suominen Guyas, A. 2011. Earth Education, Interbeing, and Deep Ecology. Studies in Art Education 53(3), 223-245.
ASC/NHMFL	V.	Griffin	Superconductivity	
Biological Science	Scott	Burgess	evolutionary ecology and population dynamics of marine invertebrates	
Biological Science	Emily	DuVal	Behavioral ecology, evolution	
Biological Science	Kimberley	Hughes	Evolutionary, ecological genomics	
Biological Science	Brian	Inouye	Ecology, species interactions	Scientific papers and grants
Biological Science	Laura	Keller	Environmental Conditions affect on cellular organism survival	
Biological Science	Emily	Lemmon	Behavioral ecology	
Biological Science	Don	Levitan	Evolutionary ecology of marine invertebrates	
Biological Science	Austin	Mast	Biodiversity Research, including Biodiversity Informatics	Member, Executive Committee, iDigBio—NSF's National Resource for the Digitization of Biodiversity Specimens
Biological Science	Leithen	M'Gonigle	plant-pollinator interactions	
Biological Science	T.	Miller	coastal vegetation ecology	
Biological Science	Walter	Tschinkel	biology and ecology of social insects	
Biological Science	Nora	Underwood	ecology of plant-insect interactions	
Biological Science	Alice	Winn	Plant population ecology	
Chemical & Biomedical Engineering	John	Telotte	fuel cells, biomass utilization, energy sustainability education	NSF grant for energy sustainability education
Chemistry & Biochemistry	William	Cooper	Organic chemistry of natural waters and sediments, nutrient-impacted rivers, phosphorous sequestration in wetland soils	articles: Osborne, D.M., Podgorski, D.C., Bronk, D.A., Roberts, Q., Sipler, R.E., Austin, D., Bays, J.S., Cooper, W.T. "Molecular-Level Characterization of Reactive and Refractory Dissolved Organic Nitrogen Compounds in a Nutrient-Impacted River", Rap. Comm. Mass Spectrom., 27, 1-8, 2013.; Hamdan, R., El-Rifai, H.M., Cheesman, A.W., Turner, B.L., Reddy, K.R., Cooper, W.T. "Linking Phosphorus Sequestration to Carbon Humification in Wetland Soils by 31P and 13C NMR Spectroscopy", Environ. Sci. Technol. 46, 4775-4782, 2012.
Chemistry & Biochemistry	Justin	Kennemur	Renewable and degradable polymer.	

Chemistry & Biochemistry	Alan	Marshall	Environmental applications of Fourier transform ion cyclotron resonance (FT-ICR) mass spectrometry, specifically in studying petroleum crude oil and biofuels	
Chemistry & Biochemistry	Sourav	Saha	Photovoltaics: Solar Cells — Self-Assembled Multichromophoric Light-Harvesting Materials	
Chemistry & Biochemistry	Michael	Shatruk	Development of a new generation of energy-efficient devices, such as electric vehicles and magnetic refrigerators.	
Civil & Environmental Engineering	Tarek	Abichou	Sustainable waste management systems; Reducing green house gas emissions, beneficial use of industrial by-products	
Civil & Environmental Engineering	Tarek	Abichou	Geoenvironmental Engineering; Geotechnical Engineering; Sustainable Solid Waste Management; Greenhouse Gas Emissions from Landfill; Beneficial Use Of Industrial By-Products in Civil Engineering Applications; Barrier Systems Design and Innovation; Soil Remediation; Unsaturated Soil Mechanics and its Application; Carbon Footprinting; Geosynthetics	
Civil & Environmental Engineering	S.G.	Arnaldo	Forest engineering, water and wastewater design, highway and street design	
Civil & Environmental Engineering	Amy	Chan Hilton	Groundwater mgmt, water resource planning and mgmt, environmental systems analysis, traffic noise modeling, contaminant hydrogeology	
Civil & Environmental Engineering	Clayton	Clark	haz waste mgmt, contaminant degradation, water resource engineering and hydrology, environmental and water chemistry, pollutant transport, remediation of soil and water systems	
Civil & Environmental Engineering	Wenrui	Huang	Coastal hazards, coastal hydrodynamics and ecosystems	
Civil & Environmental Engineering	Sungmoon	Jung	Wind engineering	
Civil & Environmental Engineering	Eren	Ozguven	transportation network modeling and simulation, air pollution estimation from vehicles	

Civil & Environmental Engineering	Wei-Chou	Ping	Transportation design and materials	
Civil & Environmental Engineering	John	Sobanjo	transportation engineering	
Communication	Laura	Arpan	environmental communication campaigns and messages	published articles on promotion of energy conservation
Communication	Malia	Bruker	documentary filmmaker working on a project about ability of plants to learn, remember and communicate. gives us greater understanding of ourselves in relation to plants	
Communication	Andy	Opel	environmental communications campaigns, connections between environment, media, and consumer culture	
Communication	Joseph	Clark	My dissertation research and related projects examined the ways that multiuser virtual environments (e.g. Second Life, Minecraft) are emerging as new media for environmental awareness and education.	Book chapters, journal articles, and conference presentations to disseminate ongoing research findings are described in my CV ( <a href="http://docs.google.com/Doc?docid=dd9cjhbv_0fw26ctc3&amp;hl=en">http://docs.google.com/Doc?docid=dd9cjhbv_0fw26ctc3&amp;hl=en</a> )
Communication	Summer	Harlow	social justice and social change	
Communication	Brian	Parker	Environmental Green-Brand Imaging	
Communication Science & Disorders	Juliann	Woods	Supporting caregiver implementation of intervention with young children with developmental delays and disorders	IES funded research, collaboration with NIMH funded projects in Autism Institute
Computer Science	David	Whalley	energy efficient computer processors	Fulbright Distinguished Chair in Alternative Energy Technology
Criminology	Ted	Chiricos		Environmental crimes: <a href="http://www.tandfonline.com/doi/abs/10.1080/01924036.2011.625234#.VJSKk14AB">http://www.tandfonline.com/doi/abs/10.1080/01924036.2011.625234#.VJSKk14AB</a>
Criminology	Marc	Gertz		Environmental crimes: <a href="http://www.tandfonline.com/doi/abs/10.1080/01924036.2011.625234#.VJSKk14AB">http://www.tandfonline.com/doi/abs/10.1080/01924036.2011.625234#.VJSKk14AB</a>
Criminology	Daniel	Mears	social ecology of recidivism, resource deprivation, environmental pathogens	
Economics	Mark	Isaac	Public goods; hold-out in site acquisition funded by IESES	Eminent Scholar
Electrical & Computer Engineering	Omar	Faruque	Renewable energy integration with the power grid	published paper son potential impacts on grid for high penetration of renewable energy into the existing grid
EOAS	Jon	Ahlquist	atmospheric predictability	

EOAS	Amy	Baco-Taylor	Research to inform conservation and management of deep-sea species	Exploration and documentation of vulnerable marine ecosystems, factors governing distribution, connectivity of deep-sea species
EOAS	Mark	Bourassa	Wind power	Evaluating seasonality in available wind power for Florida
EOAS	William	Burnett	Environmental radioactivity, applications of naturally-occurring radio isotopes to address earth, marine, environmental science problems	
EOAS	Ming	Cai	Dynamics of global mass circulation	
EOAS	Jeff	Chagnon	Weather prediction and modeling, cloud interaction within larger organized climate systems	
EOAS	Jeff	Chanton	greenhouse gas emissions, permafrost thaw, landscape change	publications and graduate and undergraduate education
EOAS	Eric	Chassignet	oceanic role in climate variability, world ocean circulation	
EOAS	Allan	Clarke	climate dynamics, el Nino predictions, sea level rise, equatorial and shelf water dynamics	
EOAS	William	Dewar	ocean dynamics	
EOAS	Robert	Ellingson	Development of radiative transfer parameterizations for implementation in climate models	performed and made accessible sets of benchmark calculations that can be used to test parameterizations. Performed a variety of comparisons of model calculations with observations to test parameterized physics.
EOAS	Henry	Fuelberg	Long-range transport of pollutants and emissions	
EOAS	Robert	Hart	tropical cyclones, statistical and numerical weather prediction	
EOAS	Christopher	Holmes	Atmospheric Chemistry, Air pollution and Climate change	projections of future atmospheric methane, developed model of global spread of mercury pollution
EOAS	Ya	Hsueh	Physical oceanography	
EOAS	Bill	Hu	Groundwater flow and solute transport	
EOAS	Markus	Huettel	Benthic ecology, ecology of coastal and shelf environments with emphasis on processes in sediments and at the sediment-water interface	
EOAS	Richard	Iverson	biological oceanography, marine ecosystem dynamics	

EOAS	Angela	Knapp	marine biogeochemistry	Graduate, postdoctoral fellowships, Co-PI on NSF grants
EOAS	Sven	Kranz	responses of phytoplankton to climate change (CO <sub>2</sub> )	
EOAS	Ruby	Krishnamurti	Physical oceanography	
EOAS	T.N.	Krishnamurti	Tropical meteorology	
EOAS	William	Landing	Environmental Chemistry and Chemical Oceanography	Chairman, Geochemistry Division, American Chemical Society
EOAS	Guosheng	Liu	satellite remote sensing and applications to forecasting and climate research	
EOAS	Ian	MacDonald	Deep Ocean extreme communities	
EOAS	Nancy	Marcus	Biological oceanography	
EOAS	Olivia	Mason	Marine microbial ecology	
EOAS	Vasu	Misra	climate variability and predictability	
EOAS	Sharon	Nicholson	Tropical meteorology	
EOAS	Doron	Nof	Fluid movement within the ocean and atmospheric relationship	
EOAS	James	O'Brien	Meteorology	
EOAS	William	Parker	Paleoecology	
EOAS	Richard	Pfeffer	Dynamic meteorology	
EOAS	Peter	Ray	Cloud Modeling	
EOAS	Kevin	Speer	deep currents and polar circulation	
EOAS	Shannon	Stacklyn	Paleoclimate/ecology reconstruction	Determining relationships between past climate change and ecosystem adaptations
EOAS	Raymond	Staley	Oceanography, meteorology	
EOAS	Wilton	Sturges	Physical oceanography	
EOAS	Philip	Sura	Extreme climate events	
EOAS	David	Thistle	benthic ecology, range size of deep-sea species	
EOAS	Yang	Wang	Paleoclimate, paleoecology, food webs in modern and fossil ecosystems, biogeochemical cycling of carbon and nutrients	
EOAS	Georges	Weatherly	Sub-thermocline ocean circulation, coastal oceanography	
EOAS	John	Winchester	Atmospheric and environmental chemistry, public understanding of science	
EOAS	Sherwood	Wise	marine geology, micropaleontology	
EOAS	Zhaohua	Wu	atmospheric and climate dynamics	

EOAS	Seth	Young	Carbon and sulphur cycling, paleoceanography, paleoclimatology	
FSU Coastal and Marine Lab	Dean	Grubbs	Management and Conservation of sharks and other fishes	Research that is used directly in management plans, stock assessments and recovery plans.
Geography	Mark	Horner	GIS, spatial modeling, sustainability, transportation, urban geography	
Geography	Mary	Lawhon	Political geography, (urban) political ecology, development geography/theory from the South, urban geography, waste politics, (South) Africa	
Geography	Stephanie	Pau	Biogeography; Remote sensing; Climate change; Human-environment relationships	
Geography	Joseph	Pierce	Urban theory; Political geography; GIS; Land use policy	
Geography	Christopher	Uejio	Public Health, Climatology, Vulnerability, Water Quality, Vectorborne Disease	Co-author of President's Climate Action Plan: Assessing Health Vulnerability to Climate Change: A Guide for Health Departments
Geography	Xiaojun	Yang	Information extraction from remote sensor imagery; spatial data integration and analysis; urban growth monitoring and predictive modeling; landscape analysis and watershed modeling; coastal and estuarine ecosystems; geohazard mapping and zonation	
Geography	Tingting	Zhao	Energy consumption and conservation; Human impact on carbon cycle; Remote sensing and GIS	
History	Frederick	Davis	Environmental History	
History	Ronald	Doel	Environmental History	
History	Kristine	Harper	Environmental History	
History	Jennifer	Koslow	Urban history, public health	
Interior Design	Jill	Pable	Homeless shelter built environments, including their sustainability issues	Assisting with current design for the new Tallahassee shelter on Pensacola St.
Interior Design	Lisa	Waxman	Teaching Sustainability in Design Curriculum	
Law	Donna	Christie	ocean and coastal management law	
Law	Shi-Ling	Hsu	environmental and natural resource law, climate change, law and economics, and property	
Law	Hannah	Wiseman	the role of regulation in protecting the character of living spaces and environmental quality, from the sub local to the national level.	

Marketing	J. Joseph	Cronin	Public Transportation, Sustainability,	Mark R. Gleim, Jeff Smith, Demetra Andrews, and J. Joseph Cronin, Jr. (2013), "Against the Green: A Multi-method Examination of the Barriers to Green Consumption," <i>Journal of Retailing</i> , 89 (1), 44-61.
Marketing	Ronald	Goldsmith	social influence and sustainability	
Marketing	Jeffrey	Smith	Investigated ways to use green as a company strategy as well as how to better understand green consumer consumption	Multiple papers published on the topic
Marketing	Hannah	Stolze	Environmental Sustainability through Logistics and Supply Chain Mgmt, Natural Resource Scarcity and Close-Loop Supply Chain Mgmt	Mollenkopf, Diane; Wendy Tate; Hannah Stolze; and Monique Ueltschy. (2010) "Green, Lean, and Global Supply Chains." <i>International Journal of Physical Distribution and Logistics Management</i> . Special Issue: Vol. 40 Issue 1/2. Bell, John, Diane Mollenkopf, and Hannah Stolze (Under Revision for Resubmission) "Natural Resource Scarcity in the Supply Chain: A Resource-Advantage View." <i>International Journal of Physical Distribution and Logistics Management</i> .
Mathematics	Brian	Ewald	Equations of the atmosphere and ocean	
Mechanical Engineering	Eric	Hellstrom	High-temperature superconductors; Electronic ceramics; Fuel cell	
Mechanical Engineering	Anjaneyulu	Krothapalli	Jet noise suppression, pulsejet propulsion; Solar electricity-hydrogen generation; Small-scale distributed power systems; Biomass power systems; Biofuels; Multi-generation solar thermal systems	
Mechanical Engineering	Keith	Larson	Thermal Fluids and energy conversion	
Mechanical Engineering	Shangchao	Lin	Computational Materials Science; Atomistic to Mesoscopic Simulations; Nanoscale Heat Transfer; Energy Storage and Conversion; Nano-/Biomaterials Processing	
Mechanical Engineering	Juan	Ordonez	Heat Transfer & Thermodynamics; Sustainable Energy; Constructal Theory; Energy Systems	
Music	Sarah	Eyerly	Understanding of impact of landscape, environment, old growth forest on social and religious values of Pennsylvania German communities in 18th century	

Music	Denise	von Glahn	American music, twentieth-century musical modernism, and nature and place studies with particular interest in the interactions between music and larger social and cultural concerns.	'Skilful Listeners': American Women Composers and Nature
Philosophy	James	Justus	Environmental Philosophy	
Political Science	Eric	Coleman	Collective action in common pool resource management, successful environmental resource management, forest and river system management	
Psychology	Ashby	Plant	Some of my recent research examines people's motivations to protect the environment and how this motivation influences behavior and intentions.	
Public Administration & Policy	David	Berlan	Nonprofit and network management, particularly in the context of global public health and international development	Translating theories from other contexts to apply within nonprofit organizations and networks
Public Administration & Policy	Richard	Feiock	local government, public policy, and institutions and organizations	Board of Scientific Counselors, USEPA, Office of Research and Development HSC; Jerry Collins Eminent Scholar Endowed Chair
Risk Management/Insurance, Real Estate, & Legal Studies	Darren	Prum	Green/Sustainable Buildings & Environmentally Friendly/Green Transportation	
Scientific Computing	Michael	Navon	Geosciences computing	
Scientific Computing	Ming	Ye	integrated analysis of groundwater parameter	
Sociology	Elwood	Carlson	determinants and consequences of population growth	Fulbright senior research fellowship; NIH Scientific Review Board participant and chair; journal editor
Sociology	Deana	Rohlinger	Social movements; Mass media; Political participation; Political culture and democratic processes	
Teacher Education	Martin	Bremer	Ethical Imperatives of teaching environmental and ecological education	
Urban & Regional Planning	Jeff	Brown	research on alternative transportation	peer-reviewed publications, grant awards, conference presentations



Urban & Regional Planning	William	Butler	social-ecological resilience in the face of crises such as sea level rise; community resilience linked to food systems; natural resources management and restoration of natural systems through collaborative environmental management	
Urban & Regional Planning	Tim	Chapin	Sustainable communities; Coastal community resilience; Small town sustainability and economic resilience	2 edited books, several published articles, annual small town sustainability conference in Colquitt, GA
Urban & Regional Planning	Christopher	Coutts	influence of the built environment and ecologically-sensitive land use practices on community health and health behavior.	
Urban & Regional Planning	Petra	Doan	planning for marginal communities in less developed areas	
Urban & Regional Planning	Michael	Duncan	Transportation Planning	
Urban & Regional Planning	Mary Jo	Spector	urban design and buildings	
Urban & Regional Planning	Lindsay	Stevens	land use, comprehensive planning, planning for conservation and public land, coastal planning, planning for rural communities	