

ENVIRONMENTAL SCIENCE & POLICY DEPARTMENT PROGRAM FACULTY

Last name	First name	Research Interest	Email	Status
Aguirre	Alonso	Science – Wildlife disease ecology; Ecohealth; conservation medicine; developing inter-institutional, transdisciplinary collaborations & new technologies to address complex environmental problems; community-based conservation	aaguirr3@gmu.edu	Associate Professor
Ahn	Changwoo	Science – Wetland Ecosystem Ecology, Ecological Engineering and Ecosystem Restoration, and System Ecology; ecological functions of created wetlands, wetland system ecology, water quality, wetland creation & restoration, nutrient dynamics, & ecological modeling; linkages between sediment microbial community patters & nutrient processes in wetlands; ecological monitoring of mitigation wetlands; microbial community patterns along biogeochemical gradients in constructed wetlands	cahn@gmu.edu	Associate Professor
Crate	Susan	Policy – Environmental & Cognitive Anthropology; Human Ecology; understanding local perceptions, adaptations & resilience of Viliui Sakha communities in the face of unprecedented climate change	scrate1@gmu.edu	Associate Professor
de Mutsert	Kim	Science – Applied Fish Ecology; Effects of environmental & Anthropogenic stressors on nekton community structure & food web dynamics; Modeling the response of living marine resources to hypoxia in the Gulf of Mexico; effects of freshwater diversion on nekton communities in LA estuaries; monitoring long term recover from eutrophication of tidal freshwater ecosystem (Gunston Cove) in VA	kdemutse@gmu.edu	Assistant Professor
Hamdan	Leila	Science – Molecular Microbial Ecology - microbial biogeography on continental margins & the impacts of hydrocarbons & chemical dispersants on communities found on artificial reefs (shipwrecks) in the deep biosphere of the Gulf of Mexico. Her work also addresses the microbiology of marine methane seeps & the role of microorganisms in the development of anoxia in the Chesapeake Bay.	Lhamdan1@gmu.edu	Assistant Professor; Associate Director of the Microbiome Analysis Center
Jonas	Robert B	Science – Microbial Ecology & Toxicology; estuarine & oceanic systems. Currently he has research projects investigating the interactions of nutrient enrichment, phytoplankton production & bacterioplankton proliferation in the Chesapeake Bay & adjacent tributaries. He is also working on microbiological aspects of diseases of reef building corals. This work includes sampling diseased & healthy control corals from tropical waters of The Bahamas, the US Virgin Islands & the Flower Garden Banks National Marine Sanctuary in the Gulf of Mexico.	rjonas@gmu.edu	Associate Professor; Chair of Environmental Science & Policy
Jones	R Christian	Science – Freshwater Ecology; tidal freshwater ecosystems (emphasizing plankton & macrophytes), stream ecology (emphasizing benthic macroinvertebrates), & watershed management	rcjones@gmu.edu	Professor; Director of the Potomac Environmental Research & Education Center (PEREC)
Kennedy	Chris J.	Policy – Environmental & Resource Economics; Fisheries; Energy Economics; Behavioral Economics; economics of natural resource use & the environment; analysis of fisheries management institutions; valuation of coastal ecosystem services; application of behavioral economic theories to issues related to resource management & energy use	ckenned7@gmu.edu	Assistant Professor
Kim	Yoonsung	Policy – Collaborative and Voluntary Environmental Governance, Sustainable Enterprises, Global Environmental Sustainability, Climate Change Policy and Politics, and Program Evaluation and Policy Analysis; Dr. Kim’s research interests are deeply rooted in her prior professional experience working as a deputy manager of Public Relations Team at the Ministry of Environment in South Korea. She also worked on the Carbon Finance Team at the World Bank which provides developing countries’ policy makers and project developers with technical and policy advice with respect to country-specific carbon financing and renewable energy project opportunities.	ykih@gmu.edu	Term Assistant Professor
Largen	Kim	Science – Environmental Science – has developed & implemented public education & notification projects, insect population surveys, aerial assessment of tree defoliation, ground & aerial application of insecticides, & environmental monitoring of insecticides	klargen@gmu.edu	Term Assistant Professor; Coordinator for Introductory Environmental Science Courses

Lovejoy	Thomas	Science & Policy - worked in the Brazilian Amazon since 1965 on the interface of science & environmental policy; has helped bring attention to the issue of tropical deforestation & in 1980 published the first estimate of global extinction rates (in the Global 2000 Report to the President); conceived the idea for the long term study on forest fragmentation in the Amazon, the largest experiment in landscape ecology, the Minimum Critical Size of Ecosystems project (also known as the Biological Dynamics of Forest Fragments Project); coined the term “Biological diversity”; originated the concept of debt-for-nature swaps; has worked on the interaction between climate change & biodiversity; founder of the public television series “Nature”; served as the Senior Advisor to the President of the United Nations Foundation; Chief Biodiversity Advisor & Lead Specialist for the Environment for the Latin American region for the World Bank; Assistant Secretary for Environmental & External Affairs for the Smithsonian Institution; Executive Vice President of World Wildlife Fund-US; Awarded The Tyler Prize; , Winner of BBVA Foundation Frontiers of Knowledge Award in the Ecology & Conservation Biology Category; served on advisory councils in the Reagan, George H.W. Bush, & Clinton administrations; appointed Conservation Fellow by the National Geographic Society; chairs the Scientific & Technical Panel for the Global Environment Facility which provides funding related to the international environmental conventions.	tlovejoy@gmu.edu	Professor; Biodiversity Chair at the Heinz Center for Science, Economics, & the Environment
Parsons	Chris	Science & Policy – Marine mammals & Conservation; involved in whale & dolphin research for over a decade & has conducted projects in South Africa, India, China & the Caribbean, as well as the UK; currently involved in research projects on coastal dolphin populations in the Caribbean & the effectiveness of marine conservation policy; international expert on cetaceans; member of the scientific committee of the International Whaling Commission ; currently the co-convenor of the IWC sub-committee on Environmental Concerns; awarded a Fellowship by the Royal Geographical Society; won a Scottish Thistle Award for his work in Environmental Tourism; acknowledged as a young achiever in Scotland for his achievements in cetacean conservation by the Queen & the Duke of Edinburgh	ecm-parsons@earthlink.net	Associate Professor
Peters	Esther	Science – Pathobiology; marine biology, coral reef ecology, aquatic toxicology, comparative histopathology, & quality assurance; molecular & microbiological aspects of disease processes through the study of cell & tissue alterations as a bridge to understanding population, community, & ecosystem consequences	epeters2@gmu.edu	Term Associate Professor
Sklarew	Dann	Science & Policy – Applied, Behavioral, Coastal & Estuarine Ecology; Ecosystem-based management; environmental collaboration; combined ecological systems analysis, technical assistance for environmental policy & management; applied new data visualization techniques to tease apart complex effects of climate variability & nutrient management on water quality in the tidal freshwater Potomac River; developed an adaptive pattern recognition algorithm to successfully recognize early signs of seasonal drought from satellite remote sensing data of arid West Africa; developed a nitrogen budget for the semi-rural Rhode River basin (MD), validating demographic & agricultural census data through local interviews with residents, farmers & even the town veterinarian; researched & developed numerous methods to assist environmental policy, management & compliance; identified & characterized watershed management tools; conducted cost-benefit analysis for municipal investments in storm water pollution control; identified “hot spots” where dense animal feedlots were likely impairing our nation’s waters; created a Web-based decision support system to help companies comply with industry- specific federal water pollution permitting rules; provided technical assistance in developing environmental information management systems for the Chesapeake Bay; Cook Inlet, AK, TX; & international basins on four continents; investigated ways to help diverse partnerships address common ecological problems, improve transparency & participation in transboundary water governance; produced a series of over 20 International Waters Experience Notes to succinctly capture & share best practices & lessons learned among Global Environment Facility (GEF) projects; participated in a 3-year	dsklarew@gmu.edu	Term Associate Professor; Associate Director of the Potomac Environmental Research & Education Center

		collaboration of international experts examining & advancing Integrated Water Resources Management (IWRM) in the Tigris-Euphrates river valley		
Smith	Cindy	Science – Science Education & Outreach; Sustainability Studies; Watershed Ecology & Stewardship; Current research: Chesapeake Bay Watershed Education & Training for K-12 teachers, students, & administrators; science “anxiety” in pre-service educators; K-12 STEM education Programs	csmitc@gmu.edu	Term Assistant Professor; Education Director for the Potomac Environmental Research and Education Center
Talbot	Lee	Science & Policy – Conservation Biology & Environmental Policy & Social Sciences; ecologist & geographer with over 50 years experience in national & international environmental affairs, biodiversity conservation, management of wild living resources, environmental policies & institutions, environment & development, ecological research & advising in 131 countries; senior environmental advisor to World Bank & U.N. organizations; was Chief Scientist & Foreign Affairs Director of the President’s Council on Environmental Quality for Presidents Nixon, Ford & Carter; head of Environmental Sciences for the Smithsonian Institution; Director-General of IUCN – the World Conservation Union; Member of over 20 committees & panels of the National Academy of Sciences-National Research Council; & Senior Scientific Advisor to the International Council of Scientific Unions. He has conducted over 130 exploration & research expeditions to remote or unknown areas on five continents; author of over 270 scientific, technical & popular publications including 17 books & monographs, with some translations in nine foreign languages.	ltalbot@gmu.edu	Term Professor
Torzilli	Albert	Science – Mycology & Fungal Diversity - uses molecular and biochemical methods to study the role of fungi in terrestrial and aquatic ecosystems; molecular characterization of fungal communities associated with detritus processing of salt marsh plants, & the roots of invasive plant species & their native competitors; fungi associated with corals, & interactions between commercial truffles & native truffle species	atorzill@gmu.edu	Associate Professor; Graduate Program Director
Visseren-Hamakers	Ingrid	Policy – International Biodiversity Governance; focuses on relationships between different (public & private) international policies, and questions of policy performance. Current research themes include partnerships, certification, tourism & conservation, & REDD+; an important part of her research is inter- & transdisciplinary in collaboration with colleagues from natural sciences & conservation organizations; she is affiliated with the Forest & Nature conservation Policy group at Wageningen University, the Netherlands, & reports on international environmental negotiations for the Earth Negotiations Bulletin (ENB) of the International Institute for Sustainable Development (IISD).	ivissere@gmu.edu	Associate Professor

George Mason University PROGRAM FACULTY – AFFILIATED WITH THE DEPARTMENT

Last name	First name	Department/Research Interest	Email	Status
Addleson	Mark	School of Policy, Government, & International Affairs – Economics; Knowledge Management; Learning Organizations; Methodology of Social Inquiry; Organizational Change	maddleso@gmu.edu	Associate Professor
Adelman	Leonard	Systems Engineering & Operations Research – Human-computer Interaction; Judgment & Decision Processes; Decision Support Systems; System Evaluation	ladelman@gmu.edu	Professor
Akerlof	Karen	Communication – deliberative processes in local communities considering sea-level rise impacts; how individuals personally experience climate change; depictions of climate modeling in the media	kakerlof@gmu.edu	Assistant Professor, Center for Climate Change Communication
Baghi	Heibatollah	Global & Community Health – Statistical & Psychometric modeling techniques in healthcare; experimental design; applied multivariate statistics	hbaghi@gmu.edu	Associate Professor
Bailey	Charles	Systems Biology - National Center for Biodefense & Infectious Disease; Biodefense; Biology; Ecology of vector-borne infectious diseases	cbailey2@gmu.edu	Professor
Balint	Peter	School of Policy, Government, & International Affairs – Environmental policy; sustainability; balancing environmental protection & economic development	pbalint@gmu.edu	Associate Prof
Baranova	Ancha	Systems Biology – functional genomics of chronic human diseases including cancer, diabetes, obesity, liver disorders, computational biology & pathway analysis	abaranolov@gmu.edu	Associate Professor, Director, Study of Chronic Metabolic Diseases
Ben Ouagrham-Gormley	Sonia	School of Policy, Government, & International Affairs – Tacit knowledge & biological weapons; WMD export controls; WMD-related trafficking	sbenouag@gmu.edu	Assistant Professor
Birchard	Geoffrey	Biology – Animal Physiology; relationships between gas exchange & growth rates in amniote embryos; diffusional gas exchange in insects & patterns of scaling of physiological processes	gbirchar@gmu.edu	Associate Professor, Department of Biology
Christensen	Alan	Systems Biology, Molecular & Microbiology –functional genomics of eukaryotic cells; biotechnology	achriste@gmu.edu	Associate Professor
Conant	James	School of Policy, Government, & International Affairs – Environmental Protection	jconant@gmu.edu	Professor
Conlan	Tim	School of Policy, Government, & International Affairs – the politics of intergovernmental relations; politics of federal policy making; U.S. & comparative federalism;	tconlan@gmu.edu	Professor
Curtin	Kevin	Associate Dean for Academic Affairs – GIS; Facilities Location Science; Transportation, logistics, & Network GIS; Urban & Environmental Resource Allocation; Data modeling & database design; Area Specializations – Columbia, Kenya, Kurdistan, Sardinia	curtin@gmu.edu	Associate Professor, Dean, College of Science
Diecchio	Richard J.	Geology, Atmospheric, Oceanic & Earth Sciences – Regional Geology; Appalachian Stratigraphy & Tectonics; Landscape Evolution	rdiecchi@gmu.edu	Professor
Dukes	E. Franklin	Environmental Conflict Resolution Initiative – advocacy, race & racism; capacity building; curriculum development; democracy & democratization; civil society, facilitation, class & social stratification; program design; program implementation; conflict resolution; research; fundraising; training; development; dialogue; program administration; dispute resolution; economic development; education, ethics; energy; environment; evaluation; health; identity mediation; mental health; military; natural resources; negotiation; peace building; reconciliation; social entrepreneurship; violence; youth	edukes@gmu.edu	Professor, Director
Forkner	Rebecca	Biology – Invertebrate Conservation; social spiders in tropical Mexico; Lepidoptera in tropical forest canopies of Belize; ants in coastal & sub-tropical habitats; moths in logged & hurricane-damaged temperate & sub-tropical ecosystems; desert & forest-dwelling beetles; entomology; anti-oxidant chemistry; plant-insect biochemical interactions & restoration of native VA Lepidoptera populations	rforkner@gmu.edu	Assistant Professor

Foster	Greg	Chemistry & Biochemistry – Origin, fate, & transport of organic chemicals in the environment; trace chemical analysis; chemical toxicology	gfooster@gmu.edu	Professor, Associate Dean of Research
Frankenfeld	Cara	Global & Community Health – Nutritional Epidemiology; Environmental Health; Epidemiological Methods; Microbiome	cfranken@gmu.edu	Assistant Professor
Freeman	Elizabeth	New Century College - Interrelationships between hormones, pheromones, & behavior in driving reproduction in both captive & free-ranging animals	efreeman@gmu.edu	Assistant Professor
Fryxell	Karl	Systems Biology, Molecular & Microbiology – Molecular evolution; computational biology & genetic pathways; functional genomics of the nervous system including cognition & nicotine addition	kfryxell@gmu.edu	Associate Professor
Fuertes	Al	New Century College - Facilitation & dialog, community-based trauma healing, conflict resolution, theology of struggle	afuertes@gmu.edu	Term Assistant Professor
Gerber	Naomi L.	Center for Study of Chronic Illness & Disability, Health & Human Services – Measuring & treating impairments & disability in patients with musculoskeletal deficits (incl. children with osteogenesis imperfecta & persons with rheumatoid arthritis & cancer)	ngerber1@gmu.edu	Professor, Director
Gifford	Jonathan	School of Policy, Government, & International Affairs – Infrastructure Policy & Planning; Technology Standards & Public Policy; Transportation & Regional Development Policy; Urban & Metropolitan Planning & L& Use	jgifford@gmu.edu	Professor
Gillevet	Patrick	Biology - Environmental Molecular Biology; uses state of the art molecular techniques to study problems in Molecular Environmental Science & Genomic Evolution; working on several molecular systematic projects which include the use of molecular methods to characterize the genus <i>Pseudomonas</i> & <i>Bacillus</i> ; the development of a prototype database to integrate phenotypic, metabolic, & genotypic data; the use of molecular methods to characterize the toxic dinoflagellate <i>Pfiesteria piscicida</i> ; use of molecular techniques to monitor halophilic microbial communities, use of molecular techniques to monitor soil ecosystems during bioremediation processes, & the development of a new methods & techniques to detect molecular markers for scanning natural microbial populations; mass spectrometry technology for high throughput genomic sequencing & environmental monitoring.	pgillevet@gmu.edu	Associate Professor; Director of Microbiome Analysis Center
Gilmore	Michael	New Century College - Ethnobiology, community-based conservation, biocultural diversity, sustainable development	mgilmor1@gmu.edu	Assistant Professor
Gring-Pemble	Lisa	New Century College - Political communication, public policy, social movements	lgringpe@gmu.edu	Associate Dean & Associate Professor
Guagnano	Greg	Sociology & Anthropology – political economy of resource control; environmental sociology; social psychology of environmental concern; research methods & design; statistics; diffusion of technological innovation	gguagnan@gmu.edu	Associate Professor
Gusterson	Hugh	Sociology & Anthropology, Cultural Studies – militarism; anthropology of science; public anthropology; international security; nuclear weapons	hgusters@gmu.edu	Professor
Haack	Barry	Geography & Geoinformation Science – Physical Geography; Remote Sensing; Resource Assessment; Environmental Studies; Developing Countries	bhaack@gmu.edu	Professor
Hart	David	School of Policy, Government, & International Affairs – Global Governance; Science & Technology Policy	dhart@gmu.edu	Professor, Acting Senior Associate Dean
Heineman-Pieper	Jessica	School of Policy, Government, & International Affairs – Alternative Perspectives on Globalization & Alternative Economics; Critical Management Studies; Ethics; Health Policy; Philosophy of Social, Medical, & Human Sciences; Processes for Cross-cultural understanding; Research Policy	jhpieper@gmu.edu	Assistant Professor
Houck	Mark	Civil, Environmental, & Infrastructure Engineering – Environmental & Water Resource Engineering	mhouck@gmu.edu	Professor

Kocache	Malda	Biology – medical microbiology; infectious disease; virology; HIV/AIDS	mkocache@gmu.edu	Term Associate Professor
Kozlowski	James C.	College of Education & Human Development, School of Recreation, Health, & Tourism – Legal & Legislative Aspects of Recreation; Recreational Injury Liability; Park Resources Law; First Amendment Issues in Parks & Recreation; Disability rights law in sport & recreation	jkozlows@gmu.edu	Associate Professor
Kysar Mattiotti	Giuseppina	Atmospheric, Oceanic, & Earth Sciences – Science education; igneous petrology; Geochemistry of the Caribbean	gtkysar@gmu.edu	Term Assistant Professor
LaPorte	Todd	School of Policy, Government, & International Affairs – Data Collection Methodologies; Disaster Studies; Emergency Mgmt.; Energy Technologies; Large sample survey research; Public Management & Public Administration; Qualitative Methods; Technology Assessment & Policy Analysis	tlaporte@gmu.edu	Associate Professor
Lawrey	James	Biology – Mycology – ecology, systematics & evolution of lichens & lichen-associated fungi; investigating the phylogeny & systematics of the tropical basidiolichen genus Dictypnema & a number of groups of anamorphic lichenicolous fungi; use of lichens as biomonitors of atmospheric quality	jlawrey@gmu.edu	Associate Professor
Luther	David	Biology – animal behavior, ecology, & conservation biology; ecology & evolution of acoustic communication in birds as well as the ecology, evolution & conservation of terrestrial vertebrates that are endemic to mangrove forests	dluther@gmu.edu	Term Assistant Professor
Maibach	Edward	Center for Climate Change Communication – public engagement in climate change & how it can be enhanced & expanded	emaibach@gmu.edu	Professor, Director of Center for Climate Change Communication
Maxwell	Joe	College of Education & Human Development – Qualitative & mixed-method research methodology; implications of philosophy & social theory for research methodology; diversity & community in educational settings	jmaxwell@gmu.edu	Professor
McBride	Randolph	Atmospheric, Oceanic, & Earth Sciences – Coastal Geology	rmcbride@gmu.edu	Associate Professor
Metcalf	James	College of Health & Human Services, Global & Community Health – adolescent health behaviors	jmetcalf@gmu.edu	Professor
Meyer	Carrie A	Economics – economic development; agricultural history; environmental economics; institutional economics	cmeyer@gmu.edu	Associate Professor
Muir	Star	Communication - rhetoric & technology; public communication; digital natives	smuir@gmu.edu	Associate Professor
Nord	Julia	Atmospheric, Oceanic, & Earth Sciences – Field-based applied mineralogy; geological education	jnord@gmu.edu	Term Associate Professor
Olds	James	Krasnow Institute for Advanced Study - Molecular Neuroscience	jolds@gmu.edu	Professor
Paden	Roger K.	Philosophy – social & political philosophy; environmental ethics; philosophy of architecture & urban planning; environmental aesthetics	rpaden@gmu.edu	Associate Professor
Pawloski	Lisa	College of Health & Human Services, Nutrition & Food Studies – childhood obesity; biocultural aspects of health & nutrition among children, adolescents, & young adults; factors impacting malnutrition in West Africa; exploring biocultural, geographic, a& social determinants of obesity in transitional countries. Areas of interest: Nicaragua, Thailand, Chile, Iraq, & Costa Rica	lpawlosk@gmu.edu	Professor & Chair
Posner	Paul	School of Policy, Government, & International Affairs – Third Party Governance; Intergovernmental management; public budgeting; policy process	pposner@gmu.edu	Professor, MPA Director
Qu	John	Geography and Geoinformation Science – Remote Sensing, Earth System Sciences, Climate and Environmental Sciences, Fire Services, and GIS Applications	jqu@gmu.edu	Professor, Director of GENRI & ESTC
Regan	Priscilla M	School of Policy, Government, & International Affairs – information & communication privacy policy; digital government; public policy process	pregan@gmu.edu	Professor, Acting Senior Associate Dean

Rice	Matt	Geography & Geoinformation Science – Cartography & Information Visualization; GIS; Behavioral Geography; Quantitative Methods	rice@gmu.edu	Assistant Professor
Rockwood	Larry	Biology – population & tropical ecology; plant-animal interactions; radio tracking & behavior of black ducks; population ecology & genetics of canids	lrockwoo@gmu.edu	Associate Professor & Chair, Department of Biology
Rodgers	Ellen Drogin	College of Education & Human Development - Human dimensions of natural Resources; Research Methodology & Evaluation; Social Psychology of Leisure; Demography; Community & Park Planning	erodger1@gmu.edu	Associate Dean, Student Academic Affairs
Rosenberger	William	Statistics – biopharmaceutical statistics; design & analysis of clinical trials; randomization; sequential design & analysis	wrosenbe@gmu.edu	Professor
Rowan	Katherine	Communication – science communication; action strategies for communicating climate change; risk & crisis communication; Global climate change & the public	krowan@gmu.edu	Professor, BA Director
Schoeny	Mara	School for Conflict Analysis & Resolution – race & racism; curriculum development; facilitation; program design; program implementation; qualitative skills; conflict resolution; research training; dialogue; program administration; dispute resolution; education; ethics; evaluation; youth; Regions: Central Asia & N. America	mschoeny@gmu.edu	Assistant Professor, Graduate Certificate Program Director
Seto	Donald	Systems Biology, Microbial Genomics & Diversity, Bioinformatics – Viral genomics & bioinformatics	dseto@gmu.edu	Professor, MS Program Coordinator
Storr	Virgil	Mercatus Center - Grad Programs – Austrian Economics; Hurricane Katrina & Gulf Coast Recovery; Social Change	vstorr@mercatus.gmu.edu	Professor, Director, Graduate Student Programs, Senior Research Fellow
Stough	Roger R.	School of Policy, Government, & International Affairs, International Center for Regulatory Science – Entrepreneurship & Innovation; Information Technology Policy; Regional Analysis & Economic Development; Transportation Policy	rstough@gmu.edu	Professor, Associate Dean, Director
Taylor	George E.	Geography & Geoinformation Science – Environmental Sciences; Ecology; Air Quality; Biogeography; Invasive Species; Regional & Global Issues in Environmental Science; Plant Ecology & Physiology; Science Education for the Public Arena	gtaylor@gmu.edu	Professor
Uhen	Mark	Atmospheric, Oceanic, & Earth Sciences – Evolution of Cetaceans & other marine mammals	muhen@gmu.edu	Assistant Professor
Venigalla	Mohan M	Civil, Environmental, & Infrastructure Engineering – Transportation & the Environment; GIS; Transportation Systems Modeling; Freight Transportation Planning	mvenigal@gmu.edu	Associate Professor
Verardo	Stacey	Atmospheric, Oceanic, & Earth Sciences – Paleoclimatology & Micropaleontology	sverardo@gmu.edu	Term Associate Professor
Weatherspoon	Gerald	Chemistry & Biochemistry – Solid-state inorganic chemistry; synthesis & characterization of new solid state materials; structural, electronic & magnetic properties	grobert1@gmu.edu	Associate Professor, Associate Chair
Weeks	Andrea	Biology – Plant Systematics - her research focuses on the systematics, historical biogeography, & evolution of flowering plants, particularly those within the frankincense & myrrh family, Burseraceous; interested in testing hypotheses regarding how plant lineages are related, how their extant geographic distributions became established over time, & how their morphological & physiological features evolved; Her studies rely on both molecular data gathered in the laboratory & morphological observations gathered in the field and the herbarium; conducts molecular phylogeographic studies of single species to inform taxonomic decisions, establish conservation priorities for vulnerable taxa, & investigate the history of domestication for cultivated species	aweeks3@gmu.edu	Professor; Director of the Ted R. Bradley Herbarium, Department of Biology
Willett	James D.	Systems Biology, Biochemistry & Bioinformatics – <i>nematodeCaenorhabditis elegans</i> (model system) to study molecular mechanisms driving physiologic state changes; metabolic profiling	jwillett@gmu.edu	Term Professor, Director of the School of Systems Biology
Wingfield	Andrew	Office of the Provost - Sustainability Studies; using interdisciplinary approaches & outdoor activities to explore the aesthetic, ethical, & ecological dimensions of	awingfie@gmu.edu	Professor, Sustainability Studies Fellow

		relationships people form with the places they inhabit.		
Wong	David	Geography & Geoinformation Science – GIS; Population; Spatial Epidemiology & Public Health;	dwong@gmu.edu	Professor
Wood	Thomas C	New Century College - Conservation Studies; Liaison to the Smithsonian promoting coordinated educational development	twood@gmu.edu	Associate Professor
Zolnik	Edmund	School of Policy, Government, & International Affairs – community & regional development; safe & sustainable transportation	ezolnik@gmu.edu	Associate Professor

IMPORTANT NOTE: Faculty advisors are not restricted to this list. Any Mason program faculty member can be an advisor. Adjunct faculty cannot be advisors. Please extend your research to websites of potential advisors. When you find a compatible advisor, please put together a short paragraph explaining your research interest/dissertation or thesis topic. It is your responsibility to set up a meeting with a potential advisor. Once an advisor is secured, please ask them to send an email to the Graduate Office at sbloomqu@gmu.edu stating why you would be a great fit for them.