

- 1. Lisa Gezon (Anthropology):** Dr. Gezon is interested in many facets of humans and their relationship to the material environment. Her first project focused on conservation and protected area management in northern Madagascar. Her most recent project analyzed commodity chains of the recreational drug khat in Madagascar, considering land cover change, rural and urban livelihoods, and the cultural politics of drug policies and perceptions. She is currently interested in theories and practices of 'degrowth,' or practices and policies of downscaling production and consumption while increasing quality of life through such engagements as wellness and community engagement.
- 2. Andrew Edelman (Biology):** Dr. Edelman has broad research interests in the areas of animal conservation and ecology. Currently, his lab, in collaboration with the U.S. Forest Service, is studying the response of the mammalian community (small mammals, carnivores, and bats) to fire-based restoration of southeastern longleaf pine forests. He and his graduate students are also conducting research on species of conservation concern such as the Indiana bat, eastern spotted skunk, and fox squirrel.  
<https://sites.google.com/site/andrewjedelman/>
- 3. Janet Genz (Biology):** Human development of waterways for transport and generation of electricity in the early 20th century had monumental, and often detrimental, impacts on freshwater environments throughout North America. Research conducted in the Genz lab investigates the breeding and early-life development of a protected fish species, the Lake Sturgeon. Raising these fish in aquaculture facilities and subsequently releasing them to the streams and rivers where they were historically found can help restore these ecosystems to their native state. <https://sites.google.com/a/westga.edu/genz>
- 4. Sahrmistha, Basu-Dutt (Chemistry):** Research into the use of noble metal nanoparticles in solar cells. The nanomaterials have unique optical properties due to the localized surface plasmon resonance that can be exploited to increase the efficacy light gathering in solar cells.
- 5. Lisa Connell: (Foreign Languages):** postcolonial eco-criticism as a theoretical framework for Francophone literature.
- 6. Robert Kilpatrick (Foreign Languages):** Dr. Kilpatrick's current research focuses on the representation of tourism in postcolonial spaces, specifically through the lens of French-language graphic narratives. These narratives often depict the negative impact of tourism on the natural environment and/or idealize pristine pre-colonial spaces. I explore to what extent anti-touristic discourses and visual strategies are entwined with and dependent upon the very practices they denounce.
- 7. Felix Tweraser (Foreign Languages):** Environmental Movements and Historical Continuities in Germany and Austria

- 8. Hannes Gerhardt (Geosciences):** Dr. Gerhardt has been involved in researching the geopolitics of the Arctic, including the competition to gain access to resources, such as oil and gas, in a region that is quickly changing due to global climate change. The juxtaposition between the increasing focus on sustainability, on the one hand, and economic growth via energy resources, on the other, is a key theme in this research. Dr. Gerhardt has also worked with students via consecutive SRAP grants to calculate the University of West Georgia carbon footprint as well as to chart business as usual and alternative future trajectories.
- 9. Shea Rose (Geosciences):** Dr. Rose's interests lie within the fields of climatology, energy and sustainability. Her work primarily focuses on the community to regional scale and includes the inadvertent modification of weather and climate due to human activities (urban heat island effects, atmospheric pollen, and pollutants) as well as impacts for health, sustainable planning and energy. In 2011, she completed a summer fellowship at the EPA examining the relationship between science and environmental policies. Currently, she is a part of the American Meteorological Society's Climate Studies Diversity Cohort which is focused on increasing STEM participation among underserved students in the geosciences. Her highly interdisciplinary research has been published in journals such as Earth Interactions, Applied Optics, GIScience & Remote Sensing and Landscape and Urban Planning.
- 10. Molly, McCullers (History):** Research of the history and politics of water control in the Kalahari and Namib deserts. Sustainability and environmental fragility are key factors in the region's history.
- 11. Susana Velez-Castrillon (Management):** Dr. Velez-Castrillon's research in the areas of corporate responsibility (CSR) and sustainability focuses on the impact of CSR on corporate reputation. She also has studied the effect of CSR practices in legitimizing corporate activities. Additionally, she is interested in Socially Responsible Investment (SRI) and its effect on stock performance. Dr. Velez-Castrillon teaches an undergraduate-level course on CSR, and is currently working with students on a project about CSR labels.
- 12. Minna Rollins (Marketing):** Dr. Rollins' research interests include customer information usage, sales management, international marketing, and corporate social responsibility (CSR) and ethics. She has published her research in the journals as Industrial Marketing Management and the Journal of Business Research and in a number of international conference proceedings. Minna has served as co-quest editor for the Journal of Business and Industrial Marketing's special issue focusing on ethics and CSR in business networks.
- 13. Landwewatte DeSilva (Physics):** Dr. DeSilva's research can be broadly be described as a series of efforts to explore the quantum mechanical nature of electronic and photonic functionality of nanoscale devices through (i) design of semiconductor (organic /

inorganic) heterostructures with desired properties and (ii) embedding these designer materials in field-enhancing structures such as waveguide resonators and nano/micro-cavities. Current research projects included the study of dye-sensitized solar cells, polymer based optoelectronic devices, fabrication, investigation of inorganic nanoparticles and devices and study of exciton dynamics in organic molecular thin films. His interdisciplinary research efforts have attracted a large group of talented undergraduate students across COSM majoring in physics, chemistry, pre-engineering, and mathematics in a variety of projects.

**14. Caress, Stanley M. (Political Science):** Research includes studies of environmental health focusing on illnesses from exposures to toxic materials. Population studies coauthored with Anne Steinemann (University of Melbourne, formerly Georgia Tech) have been published in the following peer reviewed journals: Environmental Health Perspectives, American Journal of Public Health, Archives of Environmental Health, Journal of Environmental Health, Toxicology and Industrial Health. Additional articles on environmental policy have been published in Policy Studies Journal and Southern Review of Politics. Most recent work on the politics of multiple chemical sensitivity was published in Science and Politics, Steele, B. editor. Congressional Quarterly Press.