

College	Academic Department	Faculty Name	Topic/Title	Description
CAS	History	Daniel Kerr	To What End? Documenting Extreme Poverty	principal research involves doing oral histories with people experiencing homelessness. My research has a direct
CAS	Environmental Science	Albert Cheh	Chemical pretreatments to produce cellulosic ethanol	Chemical pretreatments to produce cellulosic ethanol
CAS	Philosophy and Religion	Margaret Weekes	Social equity and environmental sustainability research for curriculum in CAS LEAD	Leadership and Ethical Development Program (CAS LEAD) to find online materials and sustainable projects for the students.
CAS	Philosophy and Religion	Evan Berry	Religion and Climate Change in Cross Regional Perspective	Externally-funded project to develop research networks related to the religion / climate interface
CAS	Performing Arts	Kendra Salois	Musical connections between north and west African hip hop	This only focuses on sustainability to the extent that I'm concerned with economic mobility and sustainability, and
CAS	Literature	Bruce Miller	it varied (there is no name for it, as students used a variety of sources)	research dealt with reasons for, and solutions to human trafficking from Nigeria to Italy, specifically
CAS	Performing Arts	Gregory Powers	ATEC	Diversity in the on going development of the industry
CAS	Women, Gender & Sexuality	Cara Okopny	environmental humanities	In my research, I examine the ways popular media portray women's environmentalism and how best to live
CAS	Biology	Daniel Fong	Population dynamics of subterranean crustaceans	Estimating population sizes to assess population viability and stability
CAS	Health Studies	Melissa Hawkins	Community Health Workers in the U.S.	focus groups and survey research with community health workers who address social determinants of health issues
CAS	Environmental Science	Kiho Kim	Coastal marine conservation	I study the impact of pollution on coastal marine
CAS	Economics	Bernhard Gunter	two broad topics: a) Bangladesh Development; and b) The Global Majority	I cover a wide area of economic and social sustainability issues, especially for (a) Bangladesh and (b) developing
CAS	Art	Alberto Ramos	Interpreting DC's hydrologic history	A look at water issues and historical land use in
CAS	Environmental Science	Jessica Meiller	Microplastics	Investigation of presence and abundance of microplastics in aquatic and marine environments
CAS	Economics	Mahmud Yesuf	gender and climate change	It examines whether or not there is any gender difference in perception of climate change risk among agricultural
CAS	Philosophy and Religion	Jin Park	Derrida, Buddhism, and the Future of Human Dignity	A project that explores the issues of gender, equality, social class, environment and human existence through
CAS	Health Studies	Shawn Bates	International Environmental Dispute Resolution	How various environmental disputes are addressed around the world and through different cultural lenses on the role of human beings in and on the environment.
CAS	Sociology	Ernesto Castaneda-Tinoco	research on categorical inequalities, health disparities, and immigrant integration	researches barrier to social inclusion and equity
CAS	Chemistry	Douglas Fox	Natural products as raw materials for coatings and polymer composites	Use of natural products (primarily cellulose and lignin from plants/trees and chitin/chitosan from arthropods) to design new flame retardants, antimicrobial agents,
CAS	Environmental Science	Michael Alonzo	Urban ecosystem analysis using remote sensing	Using hyperspectral and lidar data to estimate the structure and function of the urban forest.
CAS	Mathematics and Statistics	Kenneth Ward	Accessibility in science careers/ed reform	We are working in national programs on social equity issues in science and math education/accessibility.
CAS	Health Studies	Dorelle Engel	Both the genetic tree and diet analysis	Looking at diet and health of the individual and focus on
CAS	Economics	Jon Wisman	Inequality and environmental destruction	I have published and will continue to publish articles that explore the manner in which inequality increases
CAS	Computer Science	Mohammad Owrang Ojaboni	Breast Cancer Prognostic System	To understand the disparity on breast cancer survivability rate based on age, ethnicity, marital status among patients, in order to better estimate the prognosis, leading
CAS	Mathematics and Statistics	Maria Barouti	Clustering for Monitoring Distributed Data Streams	We report experiments on real-world data with a newly devised clustering algorithm. The experiments detect instances where communication between nodes is required, and show that the clustering approach reduces communication load. We then propose an application of the well known clustering algorithms to the monitoring problem. In many emerging applications one needs to
CAS	Women's, Gender, and Sexu	Mahri Irvine	Sexual Victimization and Women's Pathways to Prison	Part of my research focuses on connections between capitalism and patriarchy, and how poverty puts women at
CAS	Anthropology	Chapurukha Kusimba	The Impact of metallurgy on African Civilization	Pyrotechnological revolutions such as Ironsmelting increased deforestation which created African savannah
CAS	Literature	Despina Kakoudaki	Apocalyptic and Post-Apocalyptic Narratives in literature and film	Research in film, literature, and cultural studies that includes questions of sustainability, biopolitics, climate change, and their representation in popular media. I am one of the first film critics to study the political
CAS	World Language and Culture	Brenda Werth	Labors of Self	This research project looks partially at how individuals living in marginalized communities in Argentina living in
CAS	Economics	Evan Kraft	Finance and environmental sustainability	Exploring impacts of exposures of the financial system to fossil fuel producers and assets that may be "stranded" as
CAS	Anthropology	Sue Taylor	Washington, DC Civil War Contraband Ethnography Study, 1861-1877.	The focus is on eight Civil War fortifications managed by the National Park Service in Washington, DC. The research relates to sustainability in one respect. That is the need to conserve history and support local sites in a way that
CAS	World Language and Culture	Almudena Menchen Mojás	Global Warming	Recycling and Reusing procedures

CAS	Literature	Sarah Marsh	Constituting Britons: Law, Medicine, and the Roots of Scientific Racism in Anglo-American Culture	This work examines how medical ideologies together with property regimes contributed to the rise of scientific racism (and its corollary, white supremacy) during the
HFIT	Yoga	Neva Ingalls	Breath Awareness	How does being aware of breath give us the ability to see things clearly and act in the world in ways that foster the
Kogod	Business Administration and	Ayman Omar	Sustainable Decision Making in Global Supply Chains	Understanding how managers make decision related to sustainable practices in their global supply chains.
Kogod	Marketing	Christie Susko	Marketing and sustainability	how companies engage in sustainability and promote this
Kogod	Sustainable Business Management	Christopher O'Brien	Assessing the Higher Education Sector's Use of Renewable Energy	Study of renewable energy trends in higher ed.
Kogod	Marketing	Cristel Russell	Russell, Cristel A., Dale W. Russell, and Heather H. Honea (2016), "Implied Social Contract and Consumer Responses to Corporate Behavior," <i>Journal of Business Ethics</i> , 136 (4), 759-773.	Consumer decisions can be based on what they think corporations are or are not doing with regards to their environmental impact on the world
Kogod	Business Management	David Bartlett	Emerging Market Startups	Study of the globalization strategies of startup companies
Kogod	International Business	Jennifer Oetzel	Businesses and Peace and Social Economic Development	I study how businesses can contribute to peace and social and economic development
Kogod	Management	Maria Figueroa-Armijos	Environmental Entrepreneurship	businesses that offer eco/green products
Kogod	Sustainability Management	Mark Starik	Certified B Corps and Benefit Corporations	Identifying the similarities, differences, pathways, and outcomes of these two different, but related, approaches to developing and operating "business for good", that is,
Kogod	Info Technology / Analytics	Michael Naor	sustainable transportation	Entrepreneurship innovation of electric vehicles
Kogod	Management	Richard Linowes	Sustainability new ventures	Initiatives in US, Japan and Israel that develop new approaches to sourcing and using energy, water and
Kogod	Info Technology / Analytics	Sami AlBanna	IT Systems and Sustainability	IT Systems and the their impact on business, the environment, equity, and social responsibilities.
Kogod	Management	Siri Terjesen	GEM Social Entrepreneurship study	Looks at how social entrepreneurs prioritize economic,
Kogod	Finance and Accounting	Steven Soranno	Using Sustainability in Finance and Accounting	Demonstrate how Sustainability can help better identify and analyze information material to valuations -- how it
Kogod	Business Management	Susan Apgood	CSR Individual Written Brief	Taking a publicly traded company and provide ways to
Kogod	Marketing	Wendy Boland	Consumer well-being	I do research on consumer well-being
School of Education	Prof and Extd Studies	Edward Goldstein	NASA Earth Science Program	My PhD was based on a study of NASA's Earth Science program and its significance for understanding climate
School of Education	Prof and Extd Studies	Alex Hodges	Consumption of Information	My research is on consumption of information (print and online) and how it is interpreted for educational purposes.
School of Education	Education, Teaching and Health	Lauren Shea	Partnering to Bring Informal Science Chemistry Education to Afterschool Programs	The research questions that will guide the evaluation are based on the goals of the STEM program at Boys and Girls Club. Over the course of one year, to what extent does the STEM program at the Boys and Girls Club: 1. Engage students in grades K-5 in STEM lessons? 2. Allow students in grades K-5 to experience hands-on, quality inquiry-science lessons (as defined by CaSTL, CSPI, and the
School of Education	Prof & Extd Studies	Katharine Kravetz	Teaching and learning about community	Involves strategies for building and sustaining healthy
School of Education	Education, Teaching and Health	Sarah Irvine Belson	Lab2Class, Healthy Schoolhouse Ongoing STEM education work	in my work with science and health education (either in teacher prep or in teacher professional development) we try to focus on programs that bring sustainability into the
SIS	International Studies	Alexander Cromwell	Building Culture of Peace: The Long-Term Effects of Field-Based Peace Education with Pakistani Youth	My research examines the long-term effects of peace education in ethno-political conflicts, specifically focused in Pakistan. So in terms of sustainability, I am seeking to understand the sustainability of impact in attitudes, beliefs, and behaviors cultivated by peace education
SIS	Prof & Extd Studies	Beverly Peters	Qualitative Methods in M&E	I am interested in how we can use qualitative methods to improve development program implementation and
SIS	Global Environmental Politics	Claire Brunel	Pollution Offshoring and Emission Reductions in European and US Manufacturing. Measuring the Stringency of Environmental Regulations. Trade in Environmental Goods: A Review of the WTO Appellate Body's Ruling in US Countervailing Measures (China). Two Birds, One Stone? Local Pollution Regulation and Greenhouse Gas Emissions. Green Innovation and Green Manufacturing: Links between Environmental Policies, Innovation, and Production. Climate change and internal migration in Brazil: the role of geography and road infrastructure.	Economic effects of environmental policies
SIS	International Studies	Claire Metelits	Non-state governance	Looks at how actors thrive in areas of little state presence
SIS	International Politics & International Studies	Daniel Esser	Development Studies	my research is in Development Studies, which is squarely about questions of equity, rights, and resource use
SIS	International Studies	David Grober-Morrow	Climate Change & Climate Engineering	Studying ethical and governance issues related to climate
SIS	International Studies	David Mislan	Climate change policy	students research and present on climate change as a

SIS	International Studies	Eric Meade	What is one to do in a world of poverty?	Writing a book to explore that question, offering a new
SIS	International Studies	Gregory Aftandilian	The Egyptian economy	Coming up with policy recommendations to improve the performance of the Egyptian economy, reduce
SIS	International Studies	Jennifer Wallace	Environmental Governance in Vietnam	Exploring the role of environmental civil society
SIS	International Studies	John Heath	Limits to Participation	Why communities in Vietnams and Laos lack the incentives
SIS	International Studies: Africa	Jordanna Matlon	Racial capitalism	Examines the racialization and resulting unequal distribution of capitalism's costs and benefits
SIS	Global Environmental Politics	Judith Shapiro	Environmental Politics of China	Environmental Politics of China
SIS	International Studies	Korneliya Bachiyiska	Preventing Civil Wars	Role of regional organizations in limiting civil strife
SIS	International Studies	Krista L Tuomi	Impact investing	Many only invest in sustainable initiatives
SIS	International Studies	Kristen Hite	Climate finance, climate-related migration and displacement	Research includes climate finance, climate-related migration and displacement, and customary land rights of
SIS	International Studies	Louis Goodman	Regional Public Goods & Sustainable Development	Discusses how international cooperation impacts poverty alleviation
SIS	International Studies	Maria Giraudy	Enviromental Justice in Latin America	This research project address the distribution of green aid to provinces and states in selected Latin American countries to address whether this money exacerbates
SIS	International Studies	Miles Kahler	Complex governance	Includes research on global governance of climate change
SIS	Ethics, Peace, and Global Affr	Philip Gamaghelyan	Conflict Resolution Beyond the International Relations Paragims	I rely on participatory action research (PAR) and collective auto-ethnography to expose patterns of exclusion and marginalization as well as reproduction of conflict-promoting frames in current conflict resolution practices. I also build on the work of post-modernist scholars, on reflective practice and on discourse analysis to explore
SIS	Prof and Extd Studies	Rachel Robinson	Research on social determinants of health, on NGOs	Much of my research relates to social equity, but not in a way that I personally define as relating to "sustainability." I note it here only because the definition of sustainability
SIS	International Development	Robin Broad	When Poorer People and Their Governments Defend the Environment	The totality of this El Salvador story is little known and is ripe for telling and analyzing. The inter-related dynamics in that country at all three levels – from local to national to global – have widespread implications and lessons for the relevant academic fields and for our understanding of how industrialization and the struggle for natural resources has caused ecological and cultural damage in the Arctic.
SIS	Comparative & Regional Stud	Ruslan Garipov	Planning for Sustainable Development in Arctic: Conflict between Extractive Industries and Indigenous Communities	International legal and domestic regulation in the Arctic countries in this sphere should be developed. Research of such an urgent topic should serve to strengthen the
SIS	International Development	Sarah Knight	Equity Prices Following CSR Disasters	I am doing some research on the impact of labor/environmental crises on companies' stock prices.
SIS	Global Environmental Politics	Scott Freeman	Soil erosion and conservation in Haiti	This study examines poverty and development aid and the way that they intersect in soil conservation interventions.
SIS	International Studies	Shalini Venturelli	Sustainable Development, and Sustainable Stabilization post-conflict	How to problem-solve the complex issue of stabilizing volatile human environments
SIS	Global Environmental Politics	Simon Nicholson	Forum for Climate Engineering Assessment	Research initiative focused on responses to climate change
SIS	International Studies	Tazreena Sajjad	Refugees Welcome	Examining the challenges and experiences related to the
SIS	International Studies	Victoria Kiechel	Building Boom: Deconstructing Violence and Other Social Consequences of Extraction In the Global Built Environment	Buildings embody social status, wealth, and power. They also contain within themselves a little-recognized trail of extractive impacts and human violence – past, present, and future. Working through the lifecycle of several examples of prominent recent developments, the aim of this paper is to make this trail visible and test a replicable method by which others can do the same for buildings and infrastructure in any location. This paper considers, with reference to real-world examples, alternatives in how best to reveal the embedded social and social justice impacts of each phase of a project's lifecycle: (1) siting and site acquisition, (2) design, (3) materials choice and sourcing, (4) methods of site development, (5) construction and operations labor, (6) resource use in operations, (7) ongoing community use and meaning, and (8) end-of-life transitions. The paper's third section considers low-cost, collaborative, and rigorous alternatives for the hosting and continuous redevelopment of such an
SIS	Prof & Extd Studies	Jerome Oetgen	Income inequality in American society	income inequality in American society
SOC	Game Design	Benjamin Stokes	neighborhood vitality and collective organizing	How cities can be strong in a hybrid era as physical and digital come together.
SOC	Journalism	Charles R. Lewis	National and international environmental equality issues	racism about everything from affordable housing, to exposure to toxic chemicals, to disappearing island
SOC	Photography	Leena Jayaswal	Rise Up to Climate Change: Storytelling with Saris	A documentary on climate change from a Bangladeshi performance artist's work
SOC	Film and Media Arts	Patricia Aufderheide	copyright and creativity	the majority of my projects deal with how to lower the censorship effects of tight copyright, which enables free
SOC	Film and Media Arts	Adele Schmidt	Best Practices in Sustainable Filmmaking	Strategies on how to minimize the amount of resources used and carbon created when filming.
SOC	Communications	Duncan Hill	Environmental Photographs	My human-altered landscape photography project

SPA	Government	Ryan Moore	Messaging to Temporary Assistance for Needy Families recipients	working on a project around messaging to TANF (Temporary Assistance for Needy Families) recipients.
SPA	Government	Susan Glover	The Rebirth of Patronage? Land Redistribution in the Post-Big Man Era	A look at land redistribution in democratic states and its impacts on poverty and ethnic divisions.
SPA	Government	Mark Kahan	Environmental regulation including carbon emissions and toxic chemicals	Current focus in on Hudson River PCBs cleanup
SPA	Public Administration and Po	Brandon Ranallo-Benavidez	New Public Administration	Utilizing the discretionary powers of decision-making government actors (e.g., teachers, police officers, etc.) to
SPA	Government	Diane Singerman	Urbanism and Urban Development in Cairo, Egypt	Examines Egyptian policies and development challenges, including issues of local governance, spatial inequality, and
SPA	Government	William LeoGrande	Cuban economy	I study Cuba's economic policies aimed at make the current system "prosperous and sustainable."
SPA	Justice, Law & Society	Gregory Hunt	Sentencing Disparity	Research the racial disparity in federal sentencing
SPA	Justice, Law & Criminology	Alexander Clayton	Political conflict & the environment	How do environmental challenges or scarcities motivate and lead to violent & nonviolent political conflict?
SPA	Justice, Law & Criminology	John Firman	Building Community-Police Trust	Examining ways in which community-police trust is built, erodes, and is again rebuilt-- focus on what works.
SPA	Government	Todd Eisenstadt	Who Speaks for Nature: Indigenous Environmental Movements and Public Opinion in Ecuador's Petro-State	The entire book addresses sustainability as it considers efforts to conserve the environment in Ecuadorian Amazon in the face of oil extraction and mining.
SPA	Public Admin and Policy	Jocelyn Johnston	Outsourcing corrections	Impact of privatization on corrections facilities and inmate
SPA	Justice, Law & Criminology	Bev-Freda Jackson	Race and Justice	Social justice concepts, lens for understanding civil rights, disparate treatment and equity.
SPA	Public Admin and Policy	Karen Baehler	Resilience in water systems	Case studies of New York and Flint, MI water systems; uses our novel framework for explaining resilience
SPA	Public Admin and Policy	Laura Sullivan	Poverty and Inequality	Household wealth levels and inequality assessments
SPA	Public Admin and Policy	Nathan Favero	Racial disparities in public services	Racial disparities in public services
SPA	Government	Richard Rosenzweig	Global Climate Change Policy and Carbon Markets: Transition To a New Era	Description and analysis of 25 years of climate policy including markets to reduce greenhouse gas emissions. Includes recommendations for the next generation of