

**Inventory of Faculty conducting sustainability-related research. January 2020**

Department Name	Name	Research Description
Preventative Medicine	Abigail Silva	Health Care Access and Built Environment
Education	Adam Kennedy	Early Childhood Science Education
Chemistry	Alanah Fitch	Toxins in the Environment
Management	Alexei Marcoux	Business Ethics
Management	Alfred Gini	Corporate Ethics
History	Alice Weinreb	The history of the industrial food system, and it's relationship to modern warfare
Law	Allen Shoenberger	European law
Social Work	Amy Krings	Community organization, social movements, urban politics, and social justice education.
Humanities	Andy Alexis-Baker	Work on the Incarnation and Ecotheology, specifically dealing with nonhuman animals.
Management	Anne Reilly	Corporate social responsibility reports for scope & link to sustainability
Political Science	Annette Steinacker	Relationship of smart growth strategies with local economic development.
Business	Anu Krishnaswamy	Sustainable business
Hepatology	Atesmachew Hailegiorgis	Focuses on exploring the complex interaction of human-pathogen-environment specifically related to hepatitis.
Nursing	Barbara Velsor-Friedrich	Env. Health interventions
Bioethics	Bastiaan Vanacker	Bioethics
History	Ben Johnson	Johnson's research interests include: environmental history, North American borders, and Latino history.
Biology	Bree Sines	Ecology
Environmental Science	Brian Ohsowski	Restoration of aquatic and terrestrial ecosystems.
Anthropology	BrieAnna Langlie	Sustainability of agricultural systems.
Molecular Biology	Bryan Pickett	Gene regulation for public health
Environmental Chemistry	Carissa Hipsher	Water resources, ecotoxicology, biogeochemistry
Environmental Science	Chris Peterson	Aquatic ecology
Marketing	Clifford Shultz	Interactions among markets, marketing, society, social traps and constructive engagement as predictors for sustainable peace, prosperity and quality of life. Commons/resource dilemmas; environmental policy in devastated, recovering and transitioning economies, effects of globalization on sustainable development.
Pastoral Studies	Dale Asis	Green gentrification
Anthropology	Daniel Amick	Material culture, recycling, consumption, waste, environmental change and human adaptation
Education	Daniel Birmingham	Place-based science education
Humanities	Daniel Burke	Literature and ecology - how literary art reflects and shapes human understanding of our place (& impact) in the natural world.
Pastoral Studies	Daniel Rhodes	Theological critiques and counter-visions of economics.
Philosophy	David Ingram	Areas of specialization are social and political philosophy, philosophy of law, philosophy of social science, critical race theory, and contemporary German and French philosophy.
Criminal Justice	David Olson	Examining the relationship between weather patterns and crime in Chicago
Bioethics	David Ozar	Healthcare Ethics
Organizational Theory	David Rieser	Environmental Law
Computer Science	David Wetzel	My research concerns the sustainability of digital art in the face of rapid change.
Law	Diane Geraghty	Ethics and Juvenile Law
Environmental Science	Drew Monks	Wetland Ecology, Invasive species, Ecosystem Services, Watershed Modelling, Renewable Energy, Wetland Biogeochemistry
Journalism	Elizabeth Coffman	Environmental Documentary
History	Elizabeth Shermer	Current research looks at the financial sustainability of higher education, both colleges and universities and the student loan industry.
Engineering Science	Gajan Sivandran	Hydrology and climate modeling
Computer Science	George Thiruvathukal	Understanding sustainable practices in open source projects. Open source (and all things open, such as open access, open government, etc.) and the use of technology is a key driver for most discussions about the environment.
Communications	George Villanueva	Advocacy & Social Change, Engaged Scholarship, Community-Based Research, Urban Communication, Visual Communication, Urban Planning & Development, Democracy, Space & Place, Public Culture, Cultural Anthropology, Race & Ethnicity, and Hip Hop Culture.
Microbiology	Greg Palmer	microbiology, soil ecology
Theology	Heidi Russell	Science and theology
Social Work	Holly Nelson-Becker	My research/training is on aspects of wisdom and aging--trying to transfer this knowledge to younger generations and interprofessional palliative care.
Biology	Howard Laten	Evolution of crop plants and to some degree the need to understand processes related to how crops may or may not adapt to the challenges of climate change with and without science-based human interventions.
Philosophy	J.D. Trout	Philosophy of Science
Anthropology	James Calcagno	Biological anthropologist with research and teaching interests in paleoanthropology, dental anthropology, primate behavioral ecology, and evolutionary anthropology.
International Law	James Thuo Gathii	Extractive industries
Information Systems and Operations Man	James Zydiak	Supply chain management
History	Jeffrey Glover	Colonial Development
Organizational Theory	Jennifer Griffin	Dr. Jennifer J. Griffin is the Raymond C. Baumhart, S.J. Professor of Business Ethics and Professor of Strategy at Loyola University Chicago's Quinlan School of Business (Chicago, IL).
Bioethics	Jennifer Parks	Healthcare Ethics
Continuing Education	Jessica Depinto	Transparency in supply chain and the role of regulations in supporting the transparency. I am researching recent legislation post-Rana factory disaster to address sustainability in the suppliers' labor practices.
Nursing	Joanne Kouba	Community garden and food access projects in the Proviso Township area, including the Proviso Partners for Health community coalition.
Management	John Boatright	Business Ethics
Political Science	John Frendreis	Support for and opposition to corn-based ethanol as a biofuel
Molecular Biology	John Kelly	Microbial Ecology
Bioinformatics	Joseph Milanovich	Climate change / Herptology
Archeology	Juliet Brophy	Paleoenvironments
Public Health	Justin Harbison	Mosquito and vector public health science
Sociology	Kathleen Maas Weigert	Education for justice and peace; nonviolence; homelessness; the Catholic social tradition
Sociology	Kelly Moore	Urban food politics, and I work with doctoral and MA students who study the relationship between water, seeds, and political systems in Latin America.

Molecular Biology	Kim Williamson	Immunology
Bioinformatics	Konstantin Laufer	Air / Water Pollution
Environmental Chemistry	Laura Brentner	environmental issues, including protection of water resources, restoration of natural landscapes, bioenergy, and climate change
Infectious Disease	Lee Cera	Infectious Disease
Bioethics	Lena Hatchett	Community-engaged research, racial and economic health disparities, urban agriculture, positive youth development
History	Leslie Dossey	Work examines how people under the Roman Empire began to work later hours and consume more. This is connected to greater exploitation of their environment (and the creation of a consumption oriented economy, similar to our own).
Information Systems and Operations Man	Maciek Nowak	Supply chain management
Sociology	Maria Akchurin	Political sociology, environment and development, global and comparative sociology
Public Health	Maria Picken	Lyme Disease
Physics	Maria Udo	Energy systems
Pastoral Studies	Marian Diaz	Environmental issues in light of Laudato si' and in support of Archdiocesan attempts to implement the encyclical throughout their properties, churches and schools.
Environmental Science	Mariana Valencia Mestre	multidisciplinary teaching and research opportunities to support ecologically sustainable and equitable food systems.
Communications	Mark Pollock	Environmental Advocacy
Bioethics	Mark Repenshek	Ethical issues in death and dying, social justice and the under/uninsured, the intersection of Catholic moral and social teachings and modern debates in bioethics, and organizational ethics for faith-based healthcare ministries.
Biology	Martin Berg	Study of aquatic insects to address both basic and applied ecological questions.
Chemistry	Martina Schmeling	Atmospheric air pollution, metals in environmental and biological systems.
Chemistry	Martina Schmelling	Air Pollution
Marketing	Maryann Mc Grath	International examples of sustainability applications.
Communications	Meghan Doherty	Communication technologies and media cultures, critical studies of media infrastructures, media archaeology, research methodology
Social Justice	Melissa Browning	Bioethics
Theology	Michael Murphy	Eco-theology in Catholic heritage. I have a book chapter coming out in an edited volume called "Fragile Beauty: Tension and Transcendence in Denise Levertov's Eco-Theological Poetics.
Theology	Michael Schuck	His main research interests are Roman Catholic social thought with special attention to its history, variety, and relationship to other forms of social thought, ancient and modern. He has written on these and other more specific moral issues inside Roman Catholic social thought.
Management	Michael Welch	Business Ethics
Chemistry	Miguel Ballicora	Regulation of starch synthesis is important to manipulate its content in plants, which could ultimately be used for the production of biofuels.
Economics	Mine Cinar	Ocean acidification, carbon capture and the global environment (most recent)
Bioinformatics	Molly Walsh	Biostatistics
Business	Nancy Landrum	My research addresses the intersection of business, the economy, society, the environment, and social impact.
Environmental Science	Nancy Tuchman	Invasive species
Sociology	Patricia Mooney-Melvin	Urban History
Chemistry	Patrick Daubenmire	Engaging students in their learning process by focusing on how chemistry is involved in solving problems in the world, utilizing and assessing guided inquiry and cooperative learning techniques in the chemistry classroom, and assisting chemistry teachers in their development of an inquiry-based instructional repertoire.
Philosophy	Paul Ott	The relation of values and value development to structural and practical realities of everyday life.
Social Work	Philip Young Hong	Poverty and workforce development. He is currently partnering with local workforce development initiatives to develop bottom-up strategies for empowering low-income individuals and families in their quest to achieve self-sufficiency.
Environmental Science	Ping Jing	Effect of climate change on air pollution, the impact of ground-level ozone on plants, and volatile organic compounds in the Chicago region and their relationship with ozone under the additional stresses of future climate change.
Environmental Science	Ray Dybzinski	connections between ecological theory, observations, and experiments
Environmental Science	Reuben Keller	Aquatic invasive species, how they are moved to new areas, the impacts they have, and how those impacts can be minimized.
Sociology	Rhys Williams	Religion in American politics, and to the extent these things are issues in American politics, then I consider them.
German Studies	Richard Andress	German literature and languages.
Economics	Richard "Max" Melstrom	economics of environmental resources on topics related to ecosystem services, conservation, fisheries and environmental regulations.
Psychology	Robyn Mallett	Psychology of prejudice and intergroup relations from the perspective of members of both stigmatized and nonstigmatized social groups
Anthropology	Ruth Gomberg-Munoz	Health and wellness conceptions
Fine and Performing Arts	Sandra Kaufmann	Sandra Kaufmann is the founding director of the dance program at Loyola University.
Public Health	Sasha Adkins	environmental justice, toxics, endocrine disruption, global health
Social Entrepreneurship	Seth Green	Founding director of the Baumhart Center for Social Enterprise and Responsibility and an executive lecturer in the Quinlan School of Business.
Advertising	Seung Yo	Digital advertising and social change
Biology	Stefan Kanzok	Malaria biology
Biology	Stephen Mitten	Ornithology
Finance	Steven Todd	Asset pricing, financial markets and institutions and corporate governance. He has published papers on securitization, mutual fund performance measurement, managerial compensation, equity analysts and derivatives.
Theology	Susan Ross	How Christian theology deals with consumer society
Ecology	Sushma Reddy	Bird Evolution
Biology	Swarnali Banerjee	Topics like estimating infestation, predicting incidence of diabetes contribute towards betterment of medical research that in turn improves sustainability.
Environmental Science	Tania Schusler	A current research project addresses how environmental justice organizations can advocate for urban greening and sustainable development that benefits and does not displace local residents.
International Education	Tavis Jules	Global environmental accounting
Environmental Science	Tham Hoang	Ecological toxicology
Anthropology	Thea Strand	Fieldwork in rural Valdres, Norway, where she studies the relationships between dialect use, language change, political economy, and mass media. Her current research is focused on the ways in which dialect has become a valuable commodity in Valdres' growing tourism industry.
Business	Thomas Carson	Business Ethics
Statistics	Tim O'Brien	ecological and environmental statistics, mixed modeling, and experimental design and serves as campus-wide statistical consultant.

Political Science	Timothy Gilfoyle	Urban Planning
Biology	Timothy Hoellein	Water pollution in urban aquatic ecosystems. Source, fate, and biological interactions of excess nutrients (i.e., nitrogen) and anthropogenic litter (plastic pollution)
Management	Timothy O'Connell	Social Enterprises
Sociology	Twyla Blackmond-Larnell	Urban affairs
Modern Languages	Weronika Walkosz	I work on Li-ion batteries.
Finance	William Bergman	I am the Director of Research at Truth in Accounting, a nonprofit dedicated to helping citizens understand government finance, including sustainability issues relating to government finance.
Theology	William C. French	Environmental ethics and creation-oriented theology; War and peace studies
Law	William Loris	I do research and analysis on sustainability and environmental issues in connection with development for international organizations such as the UNEP, FAO, Bioversity International, and WHO .
Microbiology	Xufang Deng	My research mainly focuses on further elucidating the mechanism of PLpro-mediated evasion of innate immune response. Coronaviruses cause important human and animal disease with respiratory, gastrointestinal and neurological symptoms.