

Faculty Members Engaged in Research with Sustainable content: 2015-2016

St. John's faculty are research oriented, teaching the student community a love of life learning. Below, is a list of faculty that have been identified by Department Chairs as having a sustainable element in their research within the three areas of economics, environmental, social that define sustainability.

Accounting-

Patrick Colabella : Mr.Colabella currently heads the Global Institute for Taxation GIFT at St. John's University which engages students and scholars in research of public finance and taxation issues. GIFT was established in 1999 and has a distinguished advisory board consisting of representatives from international accounting firms, major banking institutions and noted scholars from USC Stanford and NYU Law School. The institute is endorsed by several Washington think tanks such as the Heritage Foundation, the CATO Institute, the Tax Institute, IRET, and the Robert Schalkenbach Foundation. The institute is currently working on the societal automation of tax collection.

Government and Politics:

Frank Le Veness: Recent research has focused on two fields, that of the development of "fairness doctrines" with regard to international trade, and that concerned with ecology and sustainable development.

Economics-

Aleksandr V. Gevorkyan: Dr. Gevorkyan's broad research interests are in financial economics, international economics, economic development, macroeconomic policy, sovereign debt, labor migration, role of state in development, emerging markets modalities, and post-socialist economic and social transformation. His recent work on emerging markets connects theoretical aspects of risk and uncertainty with problems of international reserves use, capital flows, and sustainable economic development in the post-2008 crisis environment.

Education-

Seokhee Cho: Cho's work involves helping gifted students who face challenges due to their social or economic situation. Cho is continuing the research (Project HOPE) begun under five-year federal grant.

Barbara Cozza: Dr. Cozza's research targets school reform issues in the areas of curriculum, instruction, assessment, and leadership. Current research investigates how to improve and transform school systems into vital programs looking closely at the instructional core for regular education students and English Language Learners. The investigations integrate strategies such as Professional Learning Communities, Leadership Coaching, Teacher Leader, Instructional Rounds, Lesson Study and multi-age teaching and learning. Currently, Dr. Cozza offers collaborative partnerships and professional development to districts as a summer academy and an outreach program.

Julie Carter: Dr.Carter is currently focusing on Equity issues in Education, teaching for social justice, and education for sustainability.

Richard Sinatra: Richard Sinatra has focused on issues such as The Reading and the Writing Process, Cognitive Mapping, Classroom Applications, and Out-of-School time programs for at-risk students.

Chemistry

Alison Hyslop: Her research focuses on developing “light-harvesting” complexes that may become efficient sources of alternative energy. “We’re exploring compounds that absorb light,” said Dr. Hyslop. “Then we take that energy and transfer it or an electron to another part of the molecule.” Ultimately, she explained, these chemicals may employ light-energy as effectively as plants do. “Right now,” she noted, “solar panels transfer energy at approximately 15 percent efficiency. Plants have a rate of 99 percent. If we can develop an energy system that does the same thing as plants, it would be a huge accomplishment.”

Elise Megehee: Synthesis and characterization of new luminescent complexes of osmium, rhodium and iridium. Electrochemistry, photochemistry and photophysics of these luminescent complexes. Exploring potential uses as light harvesting agents, photochemical and electrochemical catalysts

Richard Rosso: Dr. Russo’s research is interested in the design and implementation of environmentally safe and efficient catalytic systems. Traditionally, industry conducts large-scale catalytic reactions within environmentally harmful organic solvents. Recently, the use of ionic liquids has received attention as an alternative media for biphasic catalytic reactions.

Discover New York

Paula Lazrus: Her research interests range from the protection and conservation of antiquities and the use of Geographic Information Systems (GIS) software as a tool for better visualizing and understanding the past.

Fine Arts

William Morel: His photographic work addresses diverse topics ranging from the deeply personal to the socially concerned. His long-term body of work *Relaciones & Relatos* is a meditation on family, intimacy, and our emotional and psychological connection to others and to the spaces surrounding us

Claudia Sbrissa: Sbrissa’s works explore histories in the form of landscapes, architecture, and urban fabrics. Her work is engaged with notions of renewal and regeneration, and the relationship between utopian impulses and abstraction.

Aaris Sherin: In research and client-based work, Sherin addresses complex issues including the environment, creative thinking, and innovative problem solving that can occur across media and disciplines. Sherin is the author of *Sustainable Thinking: Ethical Approaches to Design and Design Management* (Fairchild Books 2013).

History

Elaine Carey: Carey is a historian who conducts research on crime and human rights.

Management

Jay Nathan: The Gross Domestic Product (GDP) is widely used as a measure of a country's wealth producing capacity, that is, each year's accumulation of goods and services. For advanced industrialized economies, this measure has served well as a management tool for governing a nation—in good times and bad. So, what is wrong? For poor and developing nations, when they are behind the industrialization curve, the prescription for sustained development cannot rest on the GDP alone. Uneven development in India poses management challenges for the 21st century. This study presents evidence through analysis and published statistics, about the nature of uneven development across industries.

Mathematics and Computer Science

Brook Lauro: Brook Lauro researches the Ecology and conservation of water birds.

Maura Flannery: There are a number of contemporary artists using herbarium specimens as inspiration for their work and Ms. Flannery uses this to conduct her research. A herbarium is a collection of preserved plant specimens, each labeled with the plant's name and that of the collector, as well as the place and time of collection. These specimens are important to scientific work in plant taxonomy and ecology, for example, being used to document climate change and environmental degradation.

Sociology and Anthropology

Barret Brenton: This research reviews results of ongoing community-based research and service-learning with indigenous Shuar communities in the Ecuadoran Amazon. A primary focus is the integration of Cultural Heritage as an avenue for supporting sustainable community development. Action-research areas to date include access to healthcare; water and sanitation; indigenous knowledge of food and medicinal plants; traditional arts and performance; youth and gender empowerment, and tri-lingual education (Shuar-Spanish-English).

Anne Galvin: Dr. Galvin conducts research in anthropology of globalization and colonialism; popular culture studies; anthropology of the state; citizenship; political economy.

Michael Indergaard: Dr. Indergaard research focuses on the social impact of globalization, new technology and economic restructuring on cities and regions as well as political and policy responses.

Education

Randall F. Clemens: To frame the discussion, the paper discusses ethical standards for social science research and subsequent implications for social media research. In particular, it focuses on the function of informed consent, connections among individuals and data, and the role of public versus private data. The author argues that, while social media data present numerous possibilities for research, they also introduce an array of challenges, highlighting the need to reimagine ethical guidelines within a burgeoning digital landscape.

College of Professional Studies

Almerinda Forte: This research will investigate the relationship between students' perspectives on corporate social responsibility, locus of control, and moral reasoning. It will statistically analyze data

collected through a survey questionnaire that depicts students' perspectives on corporate social responsibility, internal or external locus of control, and moral reasoning.