

## Research and Scholarship- Sustainability Research 2020-2022

Name	Department	Titles of Works
<b>Suriata Abas</b>	Elementary Education & Reading	Pursuing Literacy Research in Precarious Times
<b>Babatunde Aiyemo</b>	Economics	Thresholds of Poverty Reduction
<b>Matthew Albright</b>	Biology	“Water Quality Assessment”
<b>Ashley Allen</b>	Geography & Environmental Sustainability	“Exploring Environmental Marginalization, Geological Hazards, and Infrastructure Maintenance in Baton Rouge, LA
Tracy Allen	Geography & Environmental Sustainability	“Climate Change in Antarctic (talk)”
<b>Howard Ashford</b>	Africana & Latinx Studies	Casting the Bucket and the Ballot: African American Voters in the Booker T. Washington Era 1890- 1910
Elizabeth Bastiaans	Biology	“Lighting the SPARC of Scientific Collaboration: Mark-Recapture Studies of Red-Backed Salamanders at SUNY Oneonta’s College Camp”
Ed Beck	TLTC	“Student Textbook Survey”
<b>Jacqueline Bennett</b>	Chemistry and Biochemistry	Methods of forming imines, imine-related, and imine-derived compounds using green solvents
Paul Bischoff	Secondary Education & Educational Technology	“Conventional vs. Organic Cotton: The Consumer’s Best Option”
Ronald Bishop	Chemistry & Biochemistry	“Buffered Bromide Reacts with Methane and Ammonium Persulfate in the Presence of Marcellus Shale”, “Chemical Characterization of Marcellus Shale from an Outcropping Near Cherry Valley, New York”,
Keith Brunstad	Earth & Atmospheric Sciences	“Sustainable Analysis and Sedimentation in the Lower Reservoir Oneonta, NY: A Drained Perspective”
<b>Annacleta Chiwasha</b>	Human Ecology	Extreme Green
James Ebert	Earth & Atmospheric Sciences	“The Rock Cycle Revisited”
<b>Andrea Fallon-Korb</b>	Sport and Exercise Science	Environmental and Situational Factors Influencing Athletes’ Mental Toughness
<b>Mark Ferrara</b>	English	American Community: Radical Experiments in Intentional Living
<b>Jill Fielhaber</b>	Biology	The SUNY Oneonta iGEM Team Presents Ca2LF at an International Synthetic Biology Competition
<b>Charlene Foley-Deno</b>	Business	Eythical Climate and Ethical Leadership in Public Accounting Firms
<b>Gregory Fulkerson</b>	Sociology	The Problem of Urban Dependency
Hugh Gallagher	Physics & Astronomy	“Seiche Characteristics and the Feasibility of Detecting Them in Coastal Basins”, Advances in Lake Sciences: New Technologies Linking Local Observations to Discovery of Regional and Global Patterns”

<b>Kelly R. Gallagher</b>	Biology	The SUNY Oneonta iGEM Team Presents Ca2LF at an International Synthetic Biology Competition
<b>Michael Green</b>	Philosophy	Surviving Through Your SCARs: Humanistic Strategies for a World Gone Wild
<b>Rebecca Harrington</b>	Counseling Center	The Sustainable Development Goals (SDGs) Awareness Committee, Educating Our Campus Community to Speak the Same Language and Save our Planet
Willard Harman	Biology	“Let’s Get to the Bottom of Bathymetric Maps”, “Effects on Sediment after Long-term Copper Sulfate Use on a Eutrophic Lake”,
<b>Justin Hartnett</b>	Environmental Sustainability & Geography	“Assessing the Attitudes of Difference Stakeholders of how to Operate during Winter Weather Events on a College Campus”
Leslie Hasbargen	Earth & Atmospheric Sciences	“SUNY Oneonta Biological Station Changes Over the First 50 Years, 1967-2017: A Summary”
<b>Jeffrey Heilveil</b>	Biology	“Two Decades of Change in Freshwater Systems: Revisiting One of the Largest-Scale Phylogeographic Studies for an Aquatic Macroinvertebrate in Eastern North America:
Tofazzel Hossain	Physics & Astronomy	Graphene Supported Shape-Controlled CeO <sub>2</sub> for the Application of Supercapacitor
<b>Casey Jackubowski</b>	Elementary Education & Reading	Bringing Social Studies Alive for Elementary Education Majors
<b>Jennifer Jensen</b>	Milne Library	“Student Textbook Survey”
Christopher Karmosky	Earth & Atmospheric Sciences	“A New Automated Weather Station for SUNY Oneonta”
<b>Rachel Kornhauser</b>	Office of Sustainability	“The Sustainable Development Goals (SDGs) Awareness Committee, Educating Our Campus Community to Speak the Same Language and Save our Planet”
<b>Gina Keel</b>	Political Science	“The competitive politics of labeling genetically modified foods now bioengineered foods”
<b>Tami LaPilusa</b>	Biology	“Rapid Assessment of Crab Replenishment Reserve and Perspectives for Management of a Culturally Significant National Park in The Bahamas”
Wendy Lascell	Environmental Sustainability & Geography	“Katrina Lessons” “Creating Butterfly Gardens in the Oneonta Community” Surveying the Presence of Protective Coastal Features in Beach Haven, New Jersey
<b>Denise Leinonen</b>	Office of Global Education	The Sustainable Development Goals (SDGs) Awareness Committee, Educating Our Campus Community to Speak the Same Language and Save our Planet

<b>Ho Hon Leung</b>	Sociology	“Exploring participatory microregeneration as sustainable renewal of built heritage community: Two case studies in Shanghai”
<b>Paul Lord</b>	Biology	“Evaluation of the Effects of Lake De-icers on Lake Heat Budget”, Catskills Watershed Stewards: A SUNY Oneonta Biological Field Station, Catskill Regional Invasive Species Partnership and NYSDEC Collaboration
<b>Brian Lowe</b>	Sociology	Purposeful Simulations and Imagining a Positive and Plausible Near Future
James Mills	Environmental Sustainability & Geography	“Pilgrimage Pathways for the United States: Creating Pilgrimage Routes to Enrich Lives, Enhance Community, and Restore Ecosystems”
<b>Maria Montoya</b>	Foreign Languages	The Sustainable Development Goals (SDGs) Awareness Committee, Educating Our Campus Community to Speak the Same Language and Save our Planet
<b>Maurice Odago</b>	Chemistry & Biochemistry	“Semiconductor nanocomposites-based photoelectrochemical aptamer sensors for pharmaceuticals detection”
<b>Mine Ozer</b>	Business	“The Effect of Creative Culture on Corporate Social Responsibility”
Krystal Piucci	Biology Field Station	“A Bog Revisited: Cranberry Bog Flora 1994-2019”
<b>Bharath Ramkumar</b>	Human Ecology	Exploring Indigenous Garments and Textiles of Latin America & Africa”, “Peering Through the Lens of Indigenous Women Textile Artisans: An Ethnographic Journey into North-eastern India”, “
<b>Florian Reyda</b>	Biology	“Quagga Mussels in Otsego Lake First Impressions”, “A Wormy World: summer research in fish parasitology at SUNY Oneonta”
<b>Chilton Reynolds</b>	TLTC	The Sustainable Development Goals (SDGs) Awareness Committee, Educating Our Campus Community to Speak the Same Language and Save our Planet
<b>Sean Robinson</b>	Biology	Genetic diversity within and across gametophytic ploidy levels in a Sphagnum cryptic species complex
<b>Amanda Ruschak</b>	Communication & Media	Food Fridges on Instagram: Transformation the Identity of Food Insecurity
<b>Sean Shannon</b>	Business	Teaching International Contract Law, Cultural Awareness, and the United Nations Sustainable Development Goals through Drafting Clothing Manufacturing Contracts at JAMK University of Applied Sciences in Jyväskylä, Finland
<b>Philip Sirianni</b>	Economics	Incorporating sustainability and principles for responsible management education (PRME) into an undergraduate research program

Gretchen Sorin	Cooperstown Graduate Program	Growing to Sustain: Supporting Healthy Rural Living through Gardening with the Cornell Cooperative Extension
<b>Farzaneh Soflaei</b>	Geography and Environmental Sustainability	Assessment of solar shading performance of courtyard houses in desert climate of Kashan, Iran
<b>Gina Solano</b>	Secondary Education & Educational Technology	Integrating Service-Learning is Easier than you tHINK
<b>Daniel Stitch</b>	Biology	“Climate Change May Cause Shifts in Growth and Instantaneous Natural Mortality of American Shad Throughout their Native Range”
<b>Alexander Thomas</b>	Sociology	The Problem of Urban Dependency
<b>Bernadette Tiapo</b>	Student Development	Promoting Recruitment, Opportunity, Diversity, Inclusion and Growth (PRODiG) at SUNY Oneonta
<b>Mandeep K. Virk-Baker</b>	Nutrition & Dietetics	“Together We Grow- A thriving Community Garden Initiative in the City of Oneonta”
<b>Gavin Vitale</b>	Music	“Dumpster Diver Synthesizer”
Donna Vogler	Biology	& How early does the selfing syndrome arise? Associations between selfing ability and flower size within populations of the mixed-mate <i>Collinsia verna</i> ”
William Walker	Cooperstown Graduate Program	“The Inclusive Historian’s Handbook: A New Open Educational Resource”
<b>Diana Willis</b>	Communication and Media	Food Fridges on Instagram: Transforming the Identity of Food Insecurity
<b>Kiyoko Yokota</b>	Biology	“Evaluation of the Effects of Lake De-icers on Lake Heat Budget”, “Localization of EDDIE Climate Change Module with Otsego Lake Data