

Sustainability Research - STARS 2015 Submission

Last Name	First Name	Department	Brief Description/Topic(s)
Ashcroft	Paul	Accountancy	Two journal articles since 2012 on environmental accounting disclosures that companies in the United States and Canada provided in their annual reports to stockholders.
Greene	Janice	Biology	Monitoring Avian Productivity and Survivorship – monitoring resident and Neotropical migrants at the Bull Shoals Field Station; Seasonal water quality monitoring at the Bull Shoals Field Station; Leadership Academy for Diverse Ecosystems: Long-term retention of environmental attitudes, ecological knowledge and environmental behaviors; Visitor retention of knowledge and conservation strategies after visiting Dickerson Park Zoo; Use of green roofs by resident birds
Maher	Sean	Biology	Small mammal community responses to climate change in the Sierra Nevada, California; Identifying connectivity and climate change refugia in meadows of the Sierra Nevada, California; Modeling genetic patterns and occupancy of Belding's Ground Squirrel with respect to connectivity and climate change; Climate change refugia as a management strategy; Climate and environmental correlates of changes in native and introduced bee feeding strategies during the 20th century
Wait	Alexander	Biology	Imagining and Realizing Sustainability through University's Mission: Beyond Sustainability as a Public Affair?
Galanes	Gloria	Communication	Research looked at the perceived “welcome deficit” for minorities in Springfield, MO, and used focus groups, individual interviews, and participant observation to describe the deficit and make recommendations for moving forward. Research reveals prevailing struggles with communicating about diversity and race and taking meaningful actions to promote social change. Hope work encourages further conversation about difference, race, and engaged scholarship.
Norander	Stephanie	Communication	Research looked at the perceived “welcome deficit” for minorities in Springfield, MO, and used focus groups, individual interviews, and participant observation to describe the deficit and make recommendations for moving forward. Research reveals prevailing struggles with communicating about diversity and race and taking meaningful actions to promote social change. Hope work encourages further conversation about difference, race, and engaged scholarship.
Gallaway	Terrel	Economics	This research used satellite imagery and economic data to identify economic factors contributing to light pollution. They also surveyed visitors at four national parks about their willingness to pay for initiatives that preserve the naturally dark sky. Research was published in Ecological Economics, the Journal of Economic Issues and the Journal of Environmental Planning and Management. Gallaway and Mitchell also received a grant from the National Park Service to explore the value of the night sky with regard to tourism in the Colorado Plateau region.

Mitchell	David	Economics	This research used satellite imagery and economic data to identify economic factors contributing to light pollution. They also surveyed visitors at four national parks about their willingness to pay for initiatives that preserve the naturally dark sky. Research was published in Ecological Economics, the Journal of Economic Issues and the Journal of Environmental Planning and Management. Gallaway and Mitchell also received a grant from the National Park Service to explore the value of the night sky with regard to tourism in the Colorado Plateau region.
Olsen	Reed	Economics	This research used satellite imagery and economic data to identify economic factors contributing to light pollution. They also surveyed visitors at four national parks about their willingness to pay for initiatives that preserve the naturally dark sky. Research was published in Ecological Economics, the Journal of Economic Issues and the Journal of Environmental Planning and Management.
English	Catherine	English	Work Ethnographies: Teaching Economic Sustainability in Writing Suburban Citizenship: Place Conscious Education and the Conundrum of Suburbia
Pavlovsky	Robert T.	Geography, Geology, and Planning	Project monitored water quality and flow in to and out of the storm water basin by Greenwood School for nutrients in runoff from campus land areas. Researchers worked the first two years to determine the “before” condition of the runoff. Then improvement to the basin to control nutrients and sediment in runoff or “Best management practices” (BMPs) were added to the basin. Then OEWRI monitored water quality to check to see how the BMPs improved the outflowing water quality from the basin. The goal was to develop economical methods to improve water quality from campus area that protects the ecosystem and allows economic develop to continue but mitigate runoff problems in a sustainable manner. The successes of this project will become part of Springfield’s long-term planning goals to protect the stream and lakes of the region in the future.
Johnson	David E. A.	Political Science	Two studies examining the social vulnerability of the residents of Greene County to disaster. We are also preparing a study on dynamic social vulnerability shift on a variety of spatial and temporal scales.
Mosier	Samantha	Political Science	Research topics include university-community environmental partnerships, evaluating Southern U.S. environmental policy behavior, and U.S. organic farming and agriculture policy.
Foster	Jeffrey	Psychology	Long term strategic thinking and values orientations: Time and time again.
Jones	Robert G.	Psychology	Psychology of Sustainability: An Applied Perspective; Effective pedagogy for the psychology of sustainability; Long term strategic thinking and values orientations: Time and time again.