

Sustainability Research Inventory

Compiled 4/27/22

| College | Department | | Research Topic |
|-------------------------------------------------------|------------------------------------------|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Allen E. Paulson College of Engineering and Computing | Civil Engineering and Construction | Stetson Rowles | My research interests are at the interface between technology development and sustainable design, with a focus on advancing clean water and safe sanitation, and resilience building. Specifically, I aim to integrate local complexities with systems analysis to inform technology development and accelerate innovation for full-scale infrastructure relating to water treatment and sanitation. |
| | Mechanical Engineering | Shaowen Xu | Currently celebrating with Dr. Ji Wu in Chemistry, I am synthesizing an environmentally friendly sustainable bio-nanofiber structured material for a rechargeable sodium battery. |
| College of Arts and Humanity | History | Felicity Turner | Human health in a changing environment |
| | Betty Foy Sanders Department of Art | Rachel Green | I produce and exhibit artworks that illustrate and examine the effects of climate change on the natural environment. |
| | Department of World Languages & Cultures | Noriko Kolbe | Project-Based Language Learning and Global Citizenship |
| | Philosophy and Religious Studies | Jack Simmons | A book project with Springer Press on hydrology and water management. |
| College of Science and Mathematics | Biology | Vinoth Sittaramane | Food waste management and One health |
| | Chemistry and Biochemistry | Brandon Quillian | Development of technologies to improve petrochemical production processes |
| | | Rocio Perez | remediation of water |
| | Geology and Geography | Jacque Kelly | My research focuses on understanding coastal water issues. |
| | | Robert Yarbrough | Ecotourism and Forest Conservation in Latin America |