

AUTHOR	TITLE
Pedro Franco	<i>Optimization of Self-Consumption for a PV System with Battery Storage and Load Management (thesis)</i>
Kenneth High	<i>Examination of Feedback Mechanisms to Promote Energy Efficiency Conservation Behaviors Among Electric Utility Customers</i>
Taylor Brunson	<i>Design and Feasibility of Solar Photovoltaic-Powered Mobile Units</i>
Brenton Faircloth	<i>Assessing General Attitudes Towards Sustainability Policies Among Key Stakeholders in Higher Education (thesis)</i>
Christopher Schoonover	<i>Effect of Cycle Times on the Growth Rate of Spinach and Lettuce in an Ebb-and-Flow Aquaponics System</i>
Ben Martin	<i>On-site Bioremediation: A Solution to Greywater (thesis)</i>
Chelsea Davis	<i>Development and Validation of Trombe Walls in Autodesk Simulation CFD (thesis)</i>
Alexandra Lowrie	<i>Energy Modeling of Jails: A Case Study of the Watauga County Detention Facility (thesis)</i>
Chase Edge	<i>Efficacy of the Fenton Reaction for Degrading Allura Red Azo Dye: Applications for Use in Hair Salon Greywater Treatment Systems (thesis)</i>

Department of Sustainable Technology & the Built Environment
Graduate Student Research Titles

2015-2016

Brad Painting	<i>Modeling Energy Savings of Glazed and Unglazed Collectors Used for Space Heating, Water Heating, and Space Cooling (thesis)</i>
Lelyn Masters	<i>Potential of RASP Technology for Biodiesel Production: A Preparation for Study</i>
Gary Camilleri	<i>Analysis of Light Sources, Illuminance, and Human Comfort in a Rural High School</i>
Luke Henry	<i>Designing and Testing an Evacuated Tube Solar Food Dehydrator</i>
Alex Taylor	<i>An Assessment of Infrastructure and Implementation of Electric Vehicles in Two North Carolina Cities</i>