

## Department of Technology Graduate Student Research Titles | 2009

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Author	Year	Title
Andy John	2009	<i>Analysis of the Glycerin and Wash Water Waste Streams from a Small-Scale Commercial Biodiesel Producer for Use in the Production of Biogas and Waste Stream Mitigation</i>
Kenneth Baum	2009	<i>Comparing the Efficacy of Loose-Blown Cellulose and Dense-Pack Cellulose Insulation for Coverage in Existing Wall Cavities</i>
Michael Uchal	2009	<i>Design and Testing of Experimental Strategies to Reduce Heat in Resin-Cast Axial Flux Wind Turbine Stators</i>
Andrew Spees	2009	<i>Effectiveness of Vermicomposting in Stabilization of Human Waste</i>
Daniel Law	2009	<i>An Energy Analysis and Characterization of Safou (<i>Dacryodes edulis</i>) as Biofuel Feedstock</i>
Zachary Dowell	2009	<i>Analysis of Solar Thermal Energy as a Heat Source for Bioreactors in Cold Climates: A Case Study</i>
Casey King	2009	<i>Testing the Accuracy of Power Law Extrapolation to Wind Turbine Hub Height</i>
Michael Hairston	2009	<i>Analysis of the Effects of Lighting System Retrofits in ASU's Katherine Harper Hall</i>
Landon Williams	2009	<i>Potential to Conserve Water in Residential Apartments by Installing Low-Cost Water Conservation Measures</i>
Harold Gertner	2009	<i>Popular Media as an Indication of National Attitudes toward "Green" Issues</i>
Christopher Wells	2009	<i>Predicting Participation in an Online Asynchronous Discussion Using Hargittai's Measure of Digital Literacy</i>
Brian Witmer	2009	<i>Test of a Novel Micro-Algae Photobioreactor Design: A System that Prevents Damage and Promotes Propagation</i>
Bryan Johnson	2009	<i>Characterization of ASU's Food Waste for Anaerobic Digestion</i>

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Erica Porras	2009	<i>Biogas as a Renewable Source of CO2 for Microalgae Growth: Chlorella Growth Rates Utilizing Simulated Biogas</i>
Jordan Nance	2009	<i>Assessing the Perceived Needs and Status of the Western North Carolina Renewable Energy</i>
Marcus Dula	2009	<i>Technological Training Among South Caldwell High School Students</i>
Matthew Fedorko	2009	<i>Impacts of Mountaintop Removal on Renewable Energy Development Potential in West Virginia</i>
Sean Blankenship	2009	<i>Universal Web Design Standards: A Descriptive Analysis of Levels of Adoption Among Selected Small Businesses in North Carolina</i>
Nathan Pepper	2009	<i>Credit Analysis of the North Carolina Healthy Built Homes Program</i>
Ross Dillon	2009	<i>An Evaluation of the Combined Effects of Attic Air Sealing and Radiant Barriers on Conventional Production-Style Homes Located in Charlotte, NC</i>