

Department of Technology Graduate Student Research Titles

2010

Author	Year	Title
Sean Hayes	2010	<i>The Effect of Methane on Microalgal Growth</i>
Katie Cavert	2010	<i>Augmented Beeswax as an Appropriate Temperature Indicator for SODIS Technology</i>
Nicholas Hurst	2010	<i>Effective Heat Transfer from a Solar Thermal Energy System to a Commercial-Scale Domestic Hot Water Distribution System: The Plemmons Student Union at Appalachian State University</i>
David E. French	2010	<i>Assessing the Safety Training Needs of the American Wind Energy Industry</i>
Jacob Herrin	2010	<i>Utilization of the Crude Glycerin Co-product of Biodiesel Production in the State of North Carolina</i>
Jessica Fox	2010	<i>Characterization of Consumer Food Product Packaging and Labeling Materials: A Case Study for a Harris Teeter Supermarket</i>
Travis McKenzie	2010	<i>A Study of Solar Thermal Water Heating Feasibility for Multi-Unit Apartments</i>
Kayley Potter	2010	<i>Readership Expectations of the Staff and the Readership of The Appalachian</i>
Katharine A. Lea	2010	<i>An Optimized Design for a Low Concentration Linear Fresnel Lens Mounted Horizontally Without Tracking</i>
Joey Mosteller	2010	<i>Thermal Performance of Four Available Solar Thermal Absorber Coating Materials</i>
Virginia Straw	2010	<i>Participants of Local Food Organizations in Watauga County, North Carolina</i>
Heather Kersey	2010	<i>Analysis of the North American Ski Resorts that Have Operational, On-Site Wind Turbines: A Case Study</i>
Miriam Makhyoun	2010	<i>Technological Analysis of Automotive-Derived Engine Generator Sets as Energy Conversion Systems at Small Landfills</i>

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Philip Shaughnessy	2010	<i>Optimization of a Pelton Turbine: The Effect of Penstock Bends on Pelton Wheel Power Output</i>
Brooks Camp	2010	<i>A Study of the Effect of a Cool Metal Roof on the Attic Temperature and Cooling Energy Use of a North Georgia Home</i>
Phil Hawn	2010	<i>Do Age and Level of Education Have an Impact on Food Resilience in Urban and Rural Settings?</i>
Barry Vitale	2010	<i>Primary Decision Factors Influencing Homeowners' Decisions Regarding Home Efficiency Improvements</i>
Elliott Herndon	2010	<i>Evaluating the Water Heating Potential of Corrugated Plastic and Corrugated Steel in Solar Thermal Collectors</i>
Ethan Labowitz	2010	<i>Prototyping Practices in Boston-Area Clean Energy Technology Startup Companies</i>