Research areas including:

- Thermal Energy Harvesting using Thermoelectrics
- Energy Efficiency using Lightweight Metals
- Vibrational Energy Harvesting using Piezoelectrics
- Energy Storage using Batteries and Hydrogen
- Electricity Production using Fuel Cells
- Energy Transduction using Multiferroics

The program provides...

the opportunity for five students to perform cutting edge research in Materials for Energy Technologies while becoming a part of the international materials research community

pre-departure activities in Spring 2014 for learning necessary fundamentals and trip planning

immersion in a 10-week research experience working at UNSW in Sydney, Australia with an Australian scientist; departure on May 29, 2014 and return on August 10, 2014 (dates tentative)

flight, accommodation, and per diem paid up to a total of $7500 USD

opportunities to present and publish research after your return to the US

Requirements and expectations:

- US citizen or permanent resident
- Entering your Freshman through Senior Year (all years are encouraged to apply)
- Enrollment in a Science, Technology, Engineering, or Mathematics degree program at an accredited institution (participants outside University of Florida are encouraged to apply)
- Be willing to present your results at an undergraduate research symposium after the program
- Be enthusiastic, emotionally mature, self-driven and an intellectual leader

Application procedure:

- Download application form and instructions from http://jjones.mse.ufl.edu/IRES.html
- Email completed application documents and letter of recommendation by November 24, 2013 to jjones@mse.ufl.edu
- Questions can be directed to jnino@mse.ufl.edu (local contact) or jjones@mse.ufl.edu
- Applications are reviewed by participating UF MSE faculty including: Andrew, J. Jones, K. Jones, Manuel, Nino, Sodano

We especially encourage applications from members of groups underrepresented in science and engineering, and from students enrolled at institutions where research opportunities are limited.