Summer Research Internships  
February 10, 2017

The International Center for Advanced Renewable Energy and Sustainability (I-CARES) seeks to catalyze and coordinate university-wide, regional, and international collaborative research in the areas of energy, environment and sustainability. A key goal of I-CARES is to foster research on the development and production of different forms of renewable energy, into the fundamental working of the natural world, and for the exploration of sustainable environmental systems and practices.

At the institutional level, from basic science to the business of the greening of our planet, students from all departments and schools are invited to work in partnership with I-CARES to address the immense energy, environment and sustainability challenges of the 21st century.

Washington University in St. Louis has many individuals involved in research concerning energy, environment and sustainability across a breadth of disciplines. In its strategic plan and beyond, the university has committed financial resources to energy, environment and sustainability through I-CARES. The I-CARES Summer Research Internship program provides support for undergraduates to participate with faculty and staff in research and engages students, staff, faculty, and community members in discussion and debate of energy issues. Students who participate in the program are expected to become better prepared to enter industry and business and make an impact early in their careers.

The 2017 I-CARES Summer Research internship program will run for ten weeks from May 30, 2017 to August 4, 2017. The proposal submission and registration deadline is March 10, 2017 at 5:00 PM. During the ten-week program, students will work closely with their research mentor on their proposed projects.

Students must identify a research mentor prior to completing application.

**BENEFITS**

The program will expose students and future investigators to research in a lab or field-based setting and further their interest in research on energy, environment and sustainability. Financial support includes a stipend ($4,000), food allowance ($500), and funding for the mentor to cover research supplies ($500).

**PROPOSAL ELIGIBILITY**

All students at Washington University in St. Louis who are continuing as undergraduates at WUSTL in Fall 2017 are eligible to apply to the I-CARES Summer Research Internship program. Award recipients must be registered for fall classes prior to beginning the summer project. Projects must be completed at WUSTL, and/or be under the supervision of a WUSTL faculty/staff member. Students must be present for the duration of the internship period and work at least 40 hours per week on the proposed project. While students may apply for funding for different projects, students may not accept funding for 2 different projects (that is, students cannot receive funding for a separate internship during the project period). However, faculty members are encouraged to supplement I-CARES funding with additional funding for supplies. Students must submit a research paper at the end of the program and may be asked to present on their findings at an I-CARES event during the 2017-18 academic year.

**FULL PROPOSAL DUE DATE:** Friday, March 10, 2017

Proposals should be emailed to I-CARES no later than 5 PM on Friday, March 10, 2017. All proposals must be sent as a single PDF to: ICARES@wustl.edu
Application receipt notice: After your e-mail is sent, you will receive an e-mail response confirming receipt. It is important that you watch for this e-mail. If you do not receive it, contact Chad Henry at chenry@wustl.edu.

NOTIFICATION OF SELECTED PROPOSALS: April 1, 2017

INTERNSHIP PROJECT PERIOD: May 30, 2017 – August 4, 2017

PROPOSAL PREPARATION INSTRUCTIONS
All proposals should be set to print on standard 8.5 by 11 inch paper, single-spaced and one sided using Arial size 11 point or larger. All margins should be at least 1 inch. All pages except the cover page should be numbered consecutively throughout the application. Each applicant may submit only one application. These documents must be sent as a single PDF to: ICARES@wustl.edu.

Proposals must include:
1. Title Page (one page): The title page must include the student name, contact information (address, email, telephone), major/minor, project title, mentor information (name, primary appointment, address, email)
2. Project description (no more than 3 pages). Goals and objectives; project description; project connection to energy, environment and/or sustainability; methodology; and connection with your educational and career goals. Also include information about how you are or have been involved in non-research related activities in energy, environment and sustainability.
3. Mentor statement of support (no more than 1 page).
4. Two recommendation letters, preferably from academic, research and/or faculty members who know you well academically. At least one of the recommendation letters must be from a WUSTL faculty member.
5. Curriculum Vitae and/or resume for student and mentor.
6. Unofficial school transcript(s).

For questions relating to application guidelines and/or programmatic activities, please contact Chad Henry at 935-9541 or via e-mail at chenry@wustl.edu.

PROPOSAL EVALUATION CRITERIA
Applications will be reviewed to confirm that the applicant meets the eligibility criteria. The selection committee will evaluate application files and identify recipients based on the strength and educational value of the proposal, the do-ability of the project, and the overall support of the faculty mentor.

Selection Committee
Proposals will be reviewed by a minimum of two reviewers from the Washington University faculty. The reviewers are selected from different disciplines in response to the nature of the proposals and the disciplines involved; the names of the reviewers are confidential.