Summer Research Internships
February 14, 2019

The International Center for Energy, Environment and Sustainability (InCEES) seeks to catalyze and coordinate university-wide, regional, and international collaborative research in the areas of energy, environment and sustainability. A key goal of InCEES 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 InCEES 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 InCEES. The InCEES 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 2019 InCEES Summer Research internship program will run for ten weeks from Monday, May 27, 2019 to Friday, August 2, 2019. The proposal submission deadline is March 8, 2019 at 5:00 PM. During the ten-week program, students will work closely with their research mentor on their proposed project.

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 2019 are eligible to apply to the InCEES 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 InCEES
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 InCEES event during the 2019-20 academic year.

Faculty may not support more than two InCEES Summer Research Internship applications per year. It is unlikely that more than one intern would be funded to work with a faculty member in each internship period. The Summer Research Internship cannot overlap with any current, or future, InCEES-funded pilot project.

**FULL PROPOSAL DUE DATE:** Friday, March 8, 2019
Proposals should be emailed to InCEES no later than 5 PM on Friday, March 8, 2019
All proposals must be sent as a single PDF to: InCEES@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:** Monday, April 1, 2019

**INTERNSHIP PROJECT PERIOD:** May 27, 2019 – August 2, 2019

**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: InCEES@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), and the name and contact information of at least one additional person who can provide a professional recommendation.
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 2 pages).** The mentor’s statement of support should address the capacity of the candidate’s ability to complete the stated project.
4. **Curriculum Vitae and/or resume for student and mentor.**
5. **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 following criteria:

- Academic preparation and potential of intern applicant
- Level of support and programmatic fit with proposed faculty mentor
- Feasibility of internship activities to be completed within internship period
- Scientific quality of the research question and applicability to energy, environment and/or sustainability

**Selection Committee**
Proposals will be reviewed by a minimum of two reviewers from Washington University. 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.