

iUTAH Undergraduate Research Fellows (iFellows) Program

iUTAH Description

iUTAH, innovative Urban Transitions and Aridregion Hydro-sustainability, is a statewide effort dedicated to maintaining and improving water sustainability in Utah. Funded by the National Science Foundation's EPSCoR program (Experimental Program to Stimulate Competitive Research) this five-year, \$20 million competitive award will assist in building the human and research infrastructure needed to sustainably manage Utah's water resources. iUTAH researchers will examine interactions and feedback among hydroclimate, ecological and human systems, and how these impact sustainability in the Wasatch Range Metropolitan Area. We will explore potential adaptive solutions that include alternative water management strategies, urban planning and design, and the use of green infrastructure to enhance and protect ecosystem services. Please visit the iUTAH webpage <http://iutahepscor.org/> for more information.

iFellows Program Description

The iUTAH Undergraduate Research Fellows (**iFellows**) Program provides an opportunity for undergraduate students from all Utah institutions of higher learning to gain first hand research experience working with researchers associated with the iUTAH project. During the summer, iFellows will participate in a 9-week research internship, starting June 3, 2013 and ending August 9, 2013, at the University of Utah (UU), Utah State University (USU), or Brigham Young University (BYU). iFellows work side-by-side with iUTAH researchers and graduate students to learn the fundamentals of basic research. iFellows are housed on campus and are expected to spend 40 hours per week working on their assigned project. iFellows will present their results in a poster session at the annual iUTAH meeting at the end of the summer and at the Utah Conference on Undergraduate Research the following spring.

Compensation

iFellows will receive:

1. a \$4000 stipend for participation in the iFellows program
2. on-campus housing
3. funds and/or transportation to research site and other iFellows events
4. an additional allowance for subsistence
5. up to \$500 for research supplies

Eligibility

The iFellows Program is open to students from all institutions of higher education in the state of Utah. Students from Primarily Undergraduate Institutions in Utah and students of diverse cultural and educational backgrounds are especially encouraged to apply. Please contact Ellen Burns (ellen.burns@usu.edu) with questions or for assistance with the application.

Areas of interest include biological, physical, and social sciences, engineering, and mathematics. Please visit the iUTAH webpage <http://iutahepscor.org/> to find more details about our program. Fellows should have completed at least two semesters of coursework in their iUTAH-related area of interest and must plan to be full time students for at least two consecutive semesters after the summer program (i.e. Fall 2013 and Spring 2014) at an institution of higher education in the state of Utah.

Application Details

Applications (information below) should be completed and emailed to Ellen Burns (ellen.burns@usu.edu) and must be received **by 5 pm on March 29, 2013**. Successful applicants will be notified no later than April 5, 2013.

Applicant Selection Process

Applications will be reviewed by a panel of iUTAH scientists and engineers. Successful applicants will be selected based on:

- 1) Their scholarly record (e.g. relevant classes, grades, research and other experience)
- 2) The alignment of student interests, iUTAH goals, and availability of iUTAH mentors (see <http://iutahepscor.org/> for more information)

APPLICATION

Contact and Personal Information

Name:

Address:

Phone:

E-mail:

Gender: (necessary for housing arrangements)

Education

Current Institution:

Major:

Anticipated date of graduation:

Institution from which you plan to graduate:

Please list five (5) courses that you have taken that would help prepare you to be an iUTAH Fellow.

Please submit an unofficial copy of all relevant college transcripts:

Other Information

1. Briefly describe any previous research or other relevant experience (limit 250 words):
2. Briefly describe your post-graduation educational goals. (limit 250 words).
3. Briefly explain how participation in the iUTAH Fellowship Program would assist you in advancing toward your career goals. (limit one page)
4. iUTAH research encompasses a broad range of focus areas, please visit <http://iutahepscor.org/research-focus.html> for more information, then indicate which iUTAH research area would most interest you.