UC Global Food Initiative Student Fellowship/Internship
UC San Diego

Eligibility: Open to Registered Undergraduate and Graduate/Professional Level Students
Deadline to submit: May 20, 2017
Submit a PDF by email to: scholarships@ucsd.edu

The overarching goal of the UC Global Food Initiative is to harness the resources of the University of California—its research, people, expertise, and tradition of public service—to put the world on a pathway to feed itself in ways that are nutritious and sustainable. The President's Global Food Initiative Student Fellowship Program   was created to engage students in this critical effort.

UC San Diego will be awarding three $4,000 fellowships/internships to support the research activity related to the UC Global Food Initiative. The award is for the 2017-18 academic year and is available to registered UCSD students. Financial need is not a requirement. Funds will be disbursed quarterly (1/3 of $4,000).

Recipients of this award will work in collaboration with Dr. Keith Pezzoli, Department of Communication and Director of Urban Studies and Planning, who is leading UC San Diego's research for this initiative. There are opportunities for the three student recipients to be engaged in various aspects of this research. Depending upon the aspect of the research, the recipient may have access to computational resources (computer and computing facility resources), a desk, and lab or field instrumentation and work space and will receive training in related techniques, applications and equipment. Some field work may take place off campus in the San Diego area.

All recipients are also expected to participate at a UC Systemwide symposium in Fall 2017 to bring GFI Fellows together to share project ideas, develop collaborations and introduce student engagement campus representatives. There may be additional opportunities for collaboration and showcasing of GFI Fellows throughout the academic year.

All recipients are expected to be in good academic and remain registered students during the award period. Recipients selected are expected to begin research Fall 2017. Undergraduate research interns will be expected to spend approximately 8 hours a week during the instruction period each quarter, with work being concluded by the end of spring quarter instruction. There is no academic credit associated with this award. Graduate fellows will be expected to conduct research on topics related to UC San Diego's Global Food Initiative Project and collaborate and connect with Dr. Keith Pezzoli. All recipients are expected to make a commitment of sufficient time in order to complete the fellowship/internship under Dr Keith Pezzoli's direction. Depending upon the aspect of research, other UCSD faculty members may also provide direction.

In addition, a student engagement campus representative will be selected among the 3 selected fellows to lead student engagement and communication efforts for the Global Food Initiative. The student engagement campus representative will be expected to share their student voice, report on student engagement activities, and connect with GFI working group leaders from all 10 campuses. The student engagement campus representative will receive an additional $500 towards their GFI award, $4,500 total.

To apply for the fellowship/internship, please complete this form, save it as a PDF (use the following naming convention: lastname_firstname_ globalfood_2017.pdf), and email it to scholarships@ucsd.edu. Applicants should expect to receive an email confirming receipt of your application. You will be contacted again only if you are being considered for selection for this program. Please direct questions to scholarships@ucsd.edu.

UC Global Food Initiative Student Fellowship/Internship

First Name: _____   **Last Name:** _____

UCSD PID: A_____

Email Address:_____@ucsd.edu

Current UCSD Student Level:
- ☐ Undergraduate Student, Expected Graduation Year: _____
- ☐ Masters Student
- ☐ Ph.D. Student
- ☐ Other: _____

Major Field of Study: _____

Minor Field of Study (if applicable):_____

Professional Reference/Potential Research Mentor: Please supply the name and contact information of a UCSD faculty member who can serve as a professional reference. There is no need for your reference to provide a letter. Reviewers will contact his or her as needed.

Name: _____

Title:_____

UCSD Department or Program Affiliation:_____

Email Address:_____@ucsd.edu

Work Phone Number:_____

Brief statement of how you know your reference (i.e., professor in multiple classes, research advisor, etc.)

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DRAFT - UC Global Food Initiative Student Fellowship/Internship

<u>Using the space provided</u>, please respond to each of the three questions below. You may type directly into the field or copy and paste text from another document.

1. Describe your general interest in participating in the research aspect of the UC Global Food Initiative and highlight any areas that are of special interest to you. See Appendix 1 for summary of ongoing research.

2. **Describe your skills, abilities, and experience that support your application for this award.**

3. **Provide your educational and career objective and how selection for this fellowship/internship would further your goals.**

 (OPTIONAL) Please provide any additional information that would support your application for this award.

I hereby give my permission for the selection committee to access my academic records collected and maintained by UC San Diego.

_____   _____
Electronic Signature (Type Full Name)   **Date**

URBAN AGRICULTURE AND FOOD DISPARITIES. A RESEARCH PROJECT OF THE UC GLOBAL FOOD INITIATIVE. 2017-2018

UC SAN DIEGO

RESEARCH AGENDA

Critically analyze and evaluate urban agriculture (including community gardens, urban farms, food forests, aquaculture, and animal husbandry) in low income and underserved neighborhoods. Do so from diverse conceptual perspectives, including biological, geographic, spatial, energy, ecological, economic, socio-cultural, health, legal-institutional and political. Contribute to sustainability science and bioregional theory. Explain root causes of food disparities while opening new frontiers in transdisciplinary research and knowledge networking focused on coupled natural---human systems, social innovation, communication, learning, and the democratization of science and technology.

ACTION AGENDA

Establish a comparative, multicampus research program within the UC system dedicated to critically examining urban agriculture's potential to increase food security and food justice. Critique conditions that are reproducing food disparities locally and globally while drawing attention (in academic, public policy and planning arenas) to alternatives that diminish food disparities. Build trusted community---university relationships that are culturally sensitive, participatory, authentically reciprocal and attuned to how race, class, gender, ethnicity and power interact in food systems. Create educational and training curriculum in support of sustainable food systems planning and design.

Research + Action Goals and *Outcomes*

1. **Communication** supports equitable knowledge production, sharing and awareness (*community leaders, local residents and researchers co-create narratives, stories, and multimedia that cultivates healthy places, healthy people and rooted democracy*).

2. **Community Gardens and Food Forests** in Southeastern San Diego and City Heights deliver cumulatively impactful social, cultural, economic, and ecological benefits (*more people well nourished, healthy soil created, food disparities and nature-deficit disorder diminished*).

3. **Edible Plant Sampling and Analysis Program** addresses community concerns about health (*residents and community organizations gain access to UC science; enabling them to deal with concerns about growing fruits and vegetables on land that may be contaminated*).

4. **Green Infrastructure projects** demonstrate the power of biotic approaches (e.g., urban forests, vegetation, landscape ecology) to improve food-energy-water security and soil in climate friendly ways. (*community gardens and food forests function as living labs and provide useful data and knowledge about vital vegetation-soil-invertebrate and microbiome interactions*).

5. **Open Access Geographic Information Science and data integration/visualization technologies strengthen participatory planning and governance** *(local leaders, researchers and community organizations collectively gain analytical and mapping capability to advance the common good).*

6. **Informal food markets generate local** micro-entrepreneurship (food sector generates safe, legally sanctioned livelihood opportunities).