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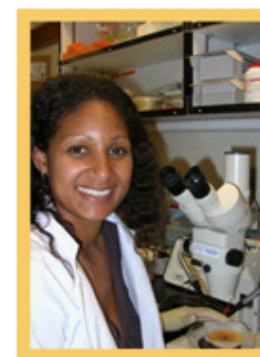
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C OLLABORATIVE
R ESEARCH &
E DUCATION IN
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T ECHNOLOGIES &
E NGINEERING



An IGERT Training Program Funded by
the NSF Division of Graduate Education

(DGE-0653984)

<http://create-igert.ucdavis.edu>



Traineeship Awards

Traineeship awards will include an annual stipend of \$30,000, \$10,500 toward in-state fees and \$500 travel support.

Students must be nominated by a CREATE-IGERT faculty trainer in order to apply. A call for nominations will be issued during the graduate student recruitment period (February-March) and in the fall quarter (October-November). Awards will be made for January-December of the following year.

For questions regarding student eligibility and/or the application process, please visit the CREATE-IGERT program website at:

<http://create-igert.ucdavis.edu>

Or contact the program coordinator:

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The IGERT National Recruitment Program



For information on other national IGERT programs, student recruitment, participating student and faculty profiles, post-doctoral opportunities, related events and more, please visit the program website at:

<http://www.igert.org>

Training Program Overview

A multi-institutional National Science Foundation funded IGERT program, "Collaborative Research and Education in Agricultural Technologies and Engineering" (CREATE), links the University of California at Davis with Tuskegee University, bringing together a diverse group of faculty and graduate students from the plant sciences, molecular biology and engineering. CREATE-IGERT faculty and students will work in interdisciplinary teams, tackling research projects with applications in the following focus areas:

- Biofuels & Biorefineries
- Plant-Made Products
- Environmental Sustainability

The CREATE-IGERT Training Program includes industrial research internships in the U.S., as well as abroad. International internship sites include the **Teagasc Oak Park Research Centre**, headed by **Dr. James Burke** in Carlow, Ireland, and the **Institute for Bioengineering & Agroecology** at the **National University of Ireland (NUI), Maynooth**, headed by **Dr. Phil Dix**. CREATE-IGERT fellows will integrate academic knowledge and "real world" problem-solving in plant biotechnology, from both domestic and global perspectives.

"The IGERT program has been developed to meet the challenges of educating U.S. PhD. scientists, engineers, and educators with the interdisciplinary backgrounds, deep knowledge in chosen disciplines, and technical, professional, and personal skills to become in their own careers the leaders and creative agents for change."

-NSF Introduction to IGERT Programs

Student Eligibility

Nominees for the UC Davis CREATE-IGERT Traineeship must be:

- US Citizens or Permanent Residents
- First, second or third year doctoral students in good academic standing and enrolled in one of the following UC Davis PhD Programs or Graduate Groups:

Biochemistry & Molecular Biology

Biological Systems Engineering

Biomedical Engineering

Chemical Engineering

Chemistry

Comparative Pathology

Genetics

Immunology

Microbiology

Nutritional Biology

Plant Biology

Plant Pathology

- Enrolled in the Designated Emphasis in Biotechnology (DEB) program for PhD students
<http://www.deb.ucdavis.edu/deb>
- Conducting research in the laboratory of one or more CREATE-IGERT faculty trainers (see reverse side of this brochure for a list of trainers)
- Working on a research project with direct relevance and/or potential application to one of the three CREATE focus areas