2012 Summer Research Fellowships

NSF Research Experiences for Undergraduates (REU) in “Bioengineering, Biomedical and Chemical Engineering”

Director: Andreas A. Linninger

Sponsored by:
The National Science Foundation (NSF-REU Supplements)

We are pleased to announce the Summer Research Fellowship Program for 2012 at the University of Illinois at Chicago. We are now seeking undergraduate applicants for the 10 weeks fellowship program. The fellowships are sponsored by the National Science Foundation Research Experiences for Undergraduates (NSF-REU supplements). Summer fellows will have the opportunity to conduct research in chemical and biomedical engineering in an academic setting. This program welcomes students in bioengineering, mechanical engineering, biomedical engineering, chemical engineering and basic sciences.

The projects span a broad range of topics

- Process Control and System Dynamics
- Drug Delivery and Biomolecular Transport
- Biomechanics on Audible Human Project
- Nano-technology, Microfabrication and Molecular Biology
- Bioinformatics for Molecular Drug Design and Characterization
- Stem Cell Differentiation and Tumor Cell Treatment

Program Description

- Participants work for a summer at the University of Illinois at Chicago, collaborating with faculty and staff on current research projects on novel materials and processing in chemical and biomedical engineering.
- **US citizenship or permanent residence is required.**
- Selection is based on applicant’s academic standing, a brief statement of interest, and two faculty references.
- Women and minorities are especially encouraged to apply.
- Award includes: $4,300 stipend and additional travel and on-campus housing will be offered for the eligible applicants.
- **The program starts on May 28, 2012 and ends on August 03, 2012.**

Application Deadline: postmarked by **February 29th, 2012**

*(Late applications will be considered if we have space remaining in the program)*

Before applying find useful information in our website: [http://vienna.bioengr.uic.edu/REU.html](http://vienna.bioengr.uic.edu/REU.html)

Email Application Materials to: NSF-REU LINNINGER-2012, Seon Kim (sbkim@uic.edu)

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