



APPLICATION for Summer 2009 Program

NSF Research Experience for Undergraduates (REU) Program
in Micro/Nano-Structured Materials, Therapeutics, and Devices

*Samuel Ginn College of Engineering
Auburn University, Auburn, AL 36849*



PI: Dr. Mark Byrne

www.eng.auburn.edu/micronanoreu

Co-PI: Dr. Steve Duke

All materials must be postmarked by March 2, 2009.



Name (First, Middle, Last): _____

E-mail Address: _____

Date of Birth: _____

Gender: Male Female

US Citizen or Permanent Resident: Yes No

Race/Ethnicity (Optional): American Indian or Alaskan African American or Black White (Non-hispanic)
Asian American/Pacific Islander Hispanic or Latino

Disability (Optional): Yes No

Current Mailing Address

Street: _____

City, State, Zip: _____

Phone: _____

Permanent Mailing Address

Street: _____

City, State, Zip: _____

Phone: _____

Education

College or University: _____

Major: _____

Overall GPA: _____ Major GPA: _____

Expected Graduation Date (month/yr): _____

Do You Plan on Applying to a Graduate or Professional Degree Program? Yes No

Which Graduate Program Do You Plan on Applying to: M.S. Ph.D. M.D. Other: _____

Why are you interested in this REU Program? Please comment on your research interests and future career plans/goals. (Use only the space provided)

How did you learn about this REU Program? (Use only the space provided)

List Any Previous Research Experiences (Place, Duration, Job Title, and Brief Description) (Use only the space provided. No previous research is necessary for acceptance into this program.)

Research Project Themes for Summer 2008 Please Rank your Top Project Themes Only (1, 2, and 3). Detailed Descriptions are available online.

- ____ Microfluidics, Nano-Electro-Mechanical Systems (NEMS), and Micro-Electro-Mechanical Systems (MEMS)
- ____ Controlled Therapeutic Delivery and Pharmaceuticals
- ____ Micro- and Nanostructured Materials, Nanofibrous Structures
- ____ Carbon Nanotubes, Liquid Crystals, and Inorganic Nanorods
- ____ Tissue Engineering and Controlling Stem Cell Differentiation
- ____ Rapid Identification and Recovery of Toxic Metal Ions
- ____ Nanoparticle Synthesis, Formation, and Processing
- ____ Understanding Microstructure/Property Relationships of Nanomaterials
- ____ Shape Memory Polymers

To Complete your Application:

A One-page Resume or Curriculum Vitae is Required.

Two Letters of Recommendation Are Required. At least one letter must be from a professor or instructor who has taught you at the institution you are enrolled. Letters must be signed and sealed by the recommender and included with all other application materials. All application materials must be included in one application package and postmarked by March 2, 2009.

Recommender #1

Name: _____

Title: _____

Address: _____

Phone: _____

E-mail: _____

Recommender #2

Name: _____

Title: _____

Address: _____

Phone: _____

E-mail: _____

An Academic Transcript is Required. Transcripts must be included within the application package. Note: This can be an unofficial copy, but if accepted into the program an official transcript will be required.

A complete application package consisting of application, resume or curriculum vitae, two sealed letters of recommendation, and transcript(s) should be sent to:

**Dr. Mark Byrne
REU Program
Auburn University
Department of Chemical Engineering
212 Ross Hall
Auburn, AL 36849**

By submitting and signing this application, I certify that all information provided in this application is true and attest to its accuracy.

Signature: _____

Date: _____

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