

## **Call for Applications: National Science Foundation-Funded Research Experience for Undergraduates in Genomics and Computational Biology at the University of Georgia**

**Grantor:** Clark Atlanta University/Georgia State University/University of Georgia

**Closes:** 3/1/2012

**Maximum:** \$0.00

Call for Applications: National Science Foundation-Funded Research Experience for Undergraduates in Genomics and Computational Biology at the University of Georgia

### **Program Format:**

Hands-on research in Genomics and Computational Biology will bring participants recruited nationally from underrepresented groups to the University of Georgia campus for 10 weeks in the Summer of 2012.

The first weeks involve lab safety training, learning to keep a lab notebook, participating in a sequence of group Genomics labs in the mornings, Computational labs in the afternoons, and Genomics lectures that will correspond with both the Genomics & Computational Biology labs. Group posters from these labs will be prepared by the participants and presented at the ending poster session.

The balance of the ten weeks will be spent in individual labs developing an independent research project in partnership with a faculty mentor. Individual posters will be completed, and there will be a poster session at the conclusion of the 10 week program.

Work with the individual faculty mentors can continue during the coming academic year and eventually result in a publishable work. Three participants from the 2003 program had their posters accepted at the Bioinformatics Meeting at Georgia Tech Nov. 12-14, 2003.

Weekly seminars are held with the potential faculty mentors for the individual lab section of the program giving a brief review of their work. From these talks the participants will request the areas they would like to do research in during the individual portion of the program.

The program will begin on May 23, 2012 and end on July 27. Participants will be expected to participate in research at least 40 hours per week. Students may not enroll in classes or hold outside employment during the program. All participants are expected to stay for the full 10 weeks.

Participants are encouraged to take their personal poster/Power Point presentation back to their institution either to use at student seminars, other professional meetings during the year or to complete an undergraduate or honors thesis.

### **Eligibility:**

Applicants must be undergraduate students who are citizens or permanent residents of the United States. Students who have either graduated or recently completed all requirements for their degree are not eligible.

#### Application Process

A completed (all parts) application should be mailed (Jonathan Arnold, Genetics Dept., C308B Life Sciences Bldg., UGA, Athens, GA 30602 or e-mailed to [arnold@uga.edu](mailto:arnold@uga.edu) and received by March 1, 2012. A complete application includes:

1. The Application Form (may be submitted online or via PDF version).
2. Two letters of academic recommendation.
3. One personal recommendation letter.
4. A current transcript.

We expect to notify applicants who are accepted into the program by mid March 2012, and either an acceptance or a decline of the offer will be expected within a week of the invitation.

Each participant will receive a \$5,000 stipend toward food and expenses, travel money up to the program limit, a shared dorm room on the same floor with the NSF funded REU programs in Physics and Microbiology, free transportation on campus, lab safety training and preparation to work in any type scientific lab.

Any questions?

Contact: Jonathan Arnold, Program Coordinator

E-mail: [arnold@uga.edu](mailto:arnold@uga.edu)

Phone: 706/542-1449

Mailing Address: C308B Life Sciences Bldg., Genetics Dept.,  
University of Georgia, Athens, GA 30602

A joint program of Clark Atlanta University, Georgia State University and the University of Georgia

**Link:** [http://www.genetics.uga.edu/undergrad\\_fgcb.html](http://www.genetics.uga.edu/undergrad_fgcb.html)

**Categories:** Biology, Genomics, Molecular/Cellular Biology

**Audience:** Novice Researcher, Student Researcher, Undergraduate, Undergraduate Researcher