

## **Call for Applications: 2012 National Science Foundation Research Experiences for Undergraduates Program on Using the Social Sciences, Natural Sciences, and Mathematics to Study Crime**

**Grantor:** University of Alabama at Birmingham

**Closes:** 2/17/2012

**Maximum:** \$0.00

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The University of Alabama at Birmingham [www.uab.edu](http://www.uab.edu)

This National Science Foundation Research Experiences for Undergraduates program at UAB is supported via grant # 1004953.

Applications for the 2012 cohort are now being accepted. The firm deadline for completed applications is February 17, 2012.

For questions about the program, please contact Dr. Kent Kerley at [krkerley@uab.edu](mailto:krkerley@uab.edu).

Highlights of the UAB Crime REU:

This 8-week summer program is designed for undergraduate students who want “hands-on” research experience and for those who are interested in pursuing post-graduate degrees in fields such as Criminal Justice, Forensic Science, Computer Science, Sociology, Public Policy, Biology, and Chemistry. The program is funded by the National Science Foundation (grant # SMA-1004953).

Who are we?

The setting for this REU site is the University of Alabama at Birmingham (UAB) in Birmingham, Alabama. Known for its innovative and interdisciplinary approach to education at both the undergraduate and graduate levels, UAB is an internationally renowned research university and academic medical center. UAB is classified as an institution of “very high research activity” by the Carnegie Foundation and is ranked among the top 15 percent of U.S. colleges and universities by The Princeton Review. UAB is home to approximately 18,000 students at the undergraduate, graduate, and professional levels as of fall, 2009.

REU students will have the opportunity to work closely with faculty from UAB’s Department of Justice Sciences and Department of Computer and Information Sciences. The 8 REU faculty members are nationally recognized for their expertise in working with large data sets, data mining and manipulation, quantitative and qualitative data analysis, and DNA analysis. See below for faculty information.

The program is targeted to undergraduate students from four-year colleges and universities who will have approximately 60 hours of credits by the start of the program this summer. A total of 12 students will be selected for the summer 2012 program. We are looking for highly motivated and promising students who want hands-on research experience in three exciting and emerging fields. Students who complete an undergraduate degree before June, 2012 will not be eligible. Students from underrepresented groups are strongly encouraged to apply.

If selected for the program, you will:

conduct research in: 1) Criminal Justice, 2) Forensic Science, or 3) Computer Forensics.

work with faculty mentors in your research track for 35-40 hours per week to complete one or more projects during the summer experience. In some cases you will work directly with a local criminal justice agency on your project.

attend Friday luncheons that include special presentations from local criminal justice professionals and time to interact with other REU students and faculty. You will make a presentation of your research experience during the final Friday luncheon.

receive free lodging, food (up to \$30 per day), and travel (up to \$250) to UAB.

receive a stipend of \$450 per week.

receive tours of several major criminal justice agencies in Alabama.

receive access to UAB libraries, labs, dining facilities, and the Campus Recreation Center.

receive tours of Birmingham and attend several special events in the area.

**Link:** <http://www.cis.uab.edu/UABCrimeREU>