

**DEPARTMENT OF BIOLOGICAL SCIENCES
COLLEGE OF ARTS AND SCIENCES**

**SUMMER RESEARCH OPPORTUNITIES
FOR UNDERGRADUATE WOMEN**

APPLICATION DEADLINE: MARCH 1, 2004

The Department of Biological Sciences is pleased to offer the following research project(s) for the summer of 2004. Interested students are urged to contact the faculty member(s) directing the project that most interests them. By contacting the faculty member, you can discover more about the project, learn what your responsibilities will be, and if possible, develop a timetable for the twelve-week research period.

**Quantitative And Qualitative Assessment of Human Genetics Courses
for Non-Science Majors (NSM)**

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This project is being coordinated with the American Society of Human Genetics Information and Education Committee. A sub-committee of this group has been charged with carrying out projects to improve human genetics education for undergraduate non-science majors. Currently, no information is available on the number and nature of NSM human genetics courses being taught around the U.S. This study will focus on determining the number of such courses taught, how many students are taking them, and the development of a survey to administer to NSM human genetics course instructors. The survey will determine the content and structure of the courses, the types of students enrolled, and the instructional materials and approaches used. This information will allow comparison of what is actually being taught to what a group of professional geneticists believe should be taught. The project will analyze the collected data on the courses offered nationally, determine the faculty teaching them, create the survey instrument, perform a pilot of the survey, and carry out the survey and analysis.