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## Science Notes - University of Iowa Research Program for Secondary Students

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## **University of Iowa Research Program for Secondary Students**

This summer marks the thirtieth consecutive year of the University of Iowa's Secondary Student Training Program. During that time, enrichment experiences in science have been provided to over four thousand secondary students. The Iowa-SSTP Program is open to students who have completed grades 10, 11 and 12.

The program this year focuses on research with both six- and eight-week experiences being offered. Both programs terminate on August 4 with the eight-week program beginning June 12 and the six-week on June 26. Students will be registered as undergraduates and receive 4 to 8 units of university credit depending upon the length of the program in which they are enrolled.

Financial support is limited. The Iowa Divisions of both the American Cancer Society and the American Heart Association have provided grant support specifically to Iowa students. In addition, funds are also available from Integrated DNA Technologies and the National Institute of Health to support qualified female and minority student applicants.

Participating students will be placed in research laboratories selected from the departments of medicine, dentistry, pharmacy, engineering, mathematics, biological, physical and social sciences. There they will gain first-hand experiences under the direct supervision of faculty and staff. The program emphasizes hands-on, independent investigation of current research in sophisticated laboratories. Use of the computer as a tool for library research, word processing and data analysis are integral components of most projects. Students will spend approximately eight hours a day, five days a week in developing their projects. Special seminars will be held with philosophers, communication experts, scientific writers and noted researchers to help in this process. During the last days of the program, a research symposium is scheduled to provide an opportunity for students to present their research endeavors.

Students interested in applying for the program should contact the Iowa-SSTP, Science Education, 450 Van Allen Hall, The University of Iowa, Iowa City, IA 52242, ph. (319) 335-1173.