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DAYTON, Ohio, March 20, 1972 --- The University of Dayton has been awarded a grant from the National Science Foundation for support of its 1972 High School Summer Science Program. The program, under the direction of Dr. Louis I. Boehman, of the University's Mechanical Engineering Department, provides a chance for high-ability, inner-city high school students who have demonstrated an interest in science to participate in science and engineering research projects at the University.

The grant provides \$10,161 in funds for administration, research, and supply purposes, but does not supply funds for the students. Since the University feels that it is unrealistic to ask these students to forego possible summer employment, they have obtained funds from the Dayton Model Cities Educational Program. Students residing in the Model Cities Target Area receive \$35.00 per week compensation during the project. The University is seeking support for those students who live outside the target area.

The program originated in 1970 under the initiation of Mr. Curtis Hicks, Director of U.D.'s Office of Human Relations. It included only six students, but has since expanded to twenty-five students this year. Dr. Boehman hopes to have thirty or forty possible research projects for the students to choose from, representing several varied fields. The duration of the program has also expanded from six to eight weeks, and will run from June 19 to August 11.

The fields from which the projects will be taken include Biology, Geology, Chemistry, Computer Science, Environmental Science, and Engineering. A major emphasis of the 1972 program will be to identify and encourage talented students to become active in upgrading the level of science instruction in their high schools. In part this objective will be accomplished by encouraging students to develop science demonstration devices and teaching aids as a part of their summer projects, and then taking these materials back to their high schools in the fall.

The project is organized so that students "receive an introduction into the methods of research along with personal experiences in its fruits and frustrations" according to the proposal upon which the program is based. The students must meet several basic qualifications in order to participate in the program. They must be from an inner city school; they must be juniors and have completed their basic mathematics courses, and a course in Biology, Chemistry or Physics; they must have excelled in terms of grades compared to their classmates in these areas; they must have demonstrated an interest in participating in the program perceptible to their science teacher after a complete briefing on the program; and they must be recommended by their science teachers.

Participating students must commute to and from the University.