

# SCIENCE EDUCATION

## *Graduate program*

The University of Iowa has announced the establishment of a PhD program in the interdisciplinary area of chemical physics. The new program is to be administered jointly by the Departments of Chemistry and Physics. Participating staff members will be Professors N. C. Baenziger, W. B. Person, E. D. Cater, W. G. Miller, and D. M. Schrader, all of the Chemistry Department, and Professors Edwin Norbeck, and William Savage of the Physics Department.

Inquiries from interested students who have undergraduate degrees in physics, chemistry, mathematics, or engineering should be addressed to the Chemical Physics Committee, Chemistry Building, University of Iowa, Iowa City, Iowa.

## *Civil rights and federal funds*

On January 3, the National Science Foundation, along with six other federal agencies\*, began to carry out new regulations designed to enforce the Civil Rights Act of 1964. Under Title VI of the Act, "no person in the United States shall, on the ground of race, color, or national origin, be excluded from participation in, be denied benefits of, or be subjected to discrimination under any program or activity receiving federal financial assistance."

New NSF procedures, signed by director Leland J. Haworth, specify that, if compliance in programs supported by the Foundation cannot be brought about by informal means then it "may be effected by the suspension or termination of or refusal to grant or to continue Federal financial assistance. . . ." Furthermore, all applications for assistance, whether

for construction, training, research, or student loans, must now contain the assurance that no discrimination will be practiced under the program. Nevertheless, no order to cut off federal assistance could become effective until (1) the applicant was advised of his failure to comply and his compliance could not be secured voluntarily, (2) there was an express finding on the record of failure to comply with a requirement not to discriminate, (3) the action was approved by the NSF director and the National Science Board, and (4) thirty days had expired after the director had filed a report with the House and Senate Committees having jurisdiction over the program. Provision is also made for a judicial review of the action.

## *New building*

The US Naval Academy at Annapolis, which Albert A. Michelson attended as a student, and where he later taught and performed his first experiments on the speed of light, will name its new science building in his honor. The Academy has announced that Michelson Hall will contain a display descriptive of Michelson's life and work, with reproductions of his apparatus, including that of the historic Michelson-Morley experiment.

Academy officials are at present seeking Michelson's paintings, instruments designed by him, and books that he may have used. Any information regarding such items should be sent to Captain Dale Mayberry, Director of the US Naval Academy Museum, Annapolis, Md.

## *Science Development Panel*

The National Science Foundation has announced the appointment of a Science Development Advisory Panel to review institutional proposals and to make recommendations to NSF's director concerning the selection of institutions to receive science development grants.

The science development program is a departure from previous NSF practice, which was mainly based on granting support for specific projects

to individuals or to groups of scientists. The new program is aimed at increasing the number of strong academic centers of scientific activity in the United States and offers sufficiently large amounts of support to enable selected institutions to make broad and general improvements in their scientific activity. The Foundation expects to make ten or fifteen grants during this fiscal year, using \$28 million which has been set aside for the purpose.

The members of the Advisory Panel are: Carl W. Borgmann of the Ford Foundation, Robert R. Brode of the University of California (Berkeley), Dale R. Corson of Cornell University, Colgate W. Darden, Jr., of Norfolk, Va., James D. Ebert of the Carnegie Institution, William B. Harrell of the University of Chicago, Lyle H. Lanier of the University of Illinois, and John R. Pierce of the Bell Telephone Laboratories.

## *Summer programs*

Relativity theory and astrophysics will be the theme of a seminar to be held July 25 to August 20 in Ithaca, N. Y., under the sponsorship of the American Mathematical Society. The primary purpose of the meeting is to increase the number of workers in the subject fields and to describe to graduate students and recent PhD's important problems in these areas.

The seminar will cover theoretical progress in general relativity, including the general relativistic treatment of static and dynamic behavior of large masses and their gravitational fields, as well as experimental tests of the general theory. In addition, a set of lectures will be devoted to observational and theoretical cosmology with two further sets centered on various astronomical topics.

Tuition will be charged at the rate of \$100 per week for participants from industry, while those from academic or government institutions may apply for waiver of tuition. Dormitories and other housing and dining facilities of Cornell University will be available to seminar participants and their families. Application blanks for admission and for financial assistance for the seminar can be obtained from Gordon

\* Departments of Agriculture; Interior; Labor; and Health, Education, and Welfare; the Housing and Home Finance Agency; and the General Services Administration.