

by the Office of Education to set up committees to review fellowship applications and to make recommendations to the Office. The deadline for receipt of applications from the graduate schools is 15 February 1960, and awards will be made before 30 April 1960.

Fellowships will carry stipends ranging up to \$2700, plus tuition and fees. The graduate fellow will receive travel allowances and allowances for dependents.

History of Science Prize Offered

An annual award of \$250 has been established by Henry and Ida Schuman of New York City for an original prize essay in the history of science and its cultural influences. This competition is open to graduate and undergraduate students in any American or Canadian college, university, or institute of technology. Papers submitted for the prize competition should be approximately 5000 words in length, exclusive of footnotes, and should be thoroughly documented. It is hoped that the prize-winning essay will be suitable for publication in *Isis*.

It is the wish of the donors that "the history of science and its cultural influences" be broadly interpreted. The papers may deal with the ideas and accomplishments of scientists in the past; they may trace the evolution of particular scientific concepts; or they may study the historical influences of one branch of science upon another. The phrase "cultural influences" is taken to include studies of the social and historical conditions that have influenced the growth of science, or the effects of scientific developments upon society in the realms of philosophy, religion, social thought, art and literature, economic progress, and so on. Essays dealing with medical subjects are not acceptable, although papers dealing with the relations between medicine and the natural sciences will be welcomed.

Papers submitted for competition should be sent to the Chairman of the Prize Committee, Professor Erwin Hiebert, Department of History of Science, University of Wisconsin, Madison. Inquiries about the competition may also be addressed to Professor Hiebert. To be eligible for consideration, papers must be received on or before 1 July 1960. Announcement of the prize-winning essay will be made at the annual meeting of the History of Science Society in December.

News Briefs

Genetics and embryology. The National Foundation, 800 2nd Ave., New York, has announced its first fellowship program specifically to provide training for medical students in genetics and embryology. This group of awards will help in the training of scientists needed in fields which are basic to the National Foundation's expanded research program in birth defects and arthritis.

Under the new fellowship program, which became effective on 1 January 1960, every approved medical school in the country may nominate one student who wishes to undertake a research program in genetics or embryology. The students must have completed at least a year of medical school and be able to devote a minimum of 8 weeks consecutively to full-time research. The stipend for these fellowships is \$600.

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Life sciences. The Division of Biological and Medical Sciences of the National Science Foundation has announced that the next closing date for receipt of basic research proposals in the life sciences is 15 January 1960. Proposals received prior to that date will be reviewed at the spring meetings of the foundation's advisory panels, and disposition will be made approximately 4 months after the closing date. Proposals received after the January closing date will be reviewed after the summer closing date of 15 May. Inquiries should be addressed to the National Science Foundation, Washington 25, D.C.

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Astronomy. The International Astronomical Union will hold its 11th general assembly in August of 1961 at Berkeley. The world-wide body of astronomical scientists meets only once every 3 years. More than 1000 astronomers attended the tenth general assembly of the union a year ago in Moscow, and even more delegates are expected to participate in the Berkeley meeting.

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Behavioral sciences. The American Orthopsychiatric Association will meet 25-27 February 1960 at the Sherman Hotel, Chicago. More than 4000 specialists in the behavioral sciences from all parts of the United States and Canada are expected to attend. Cochairmen of the Chicago arrangements committee are Dr. Henry L. Ruehr, Psy-

chiatric Institute, 200 S. Michigan Ave., Chicago 4, Ill., and Miss Mildred Tate, 2336 E. 70 St., Chicago 49, Ill. For information, write to Dr. Marion F. Langer, Executive Secretary, American Orthopsychiatric Association, 1790 Broadway, New York 19, N.Y.

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Human genetics. The second International Conference of Human Genetics will be held at the University of Rome, 6-12 September 1961. All meetings will be held in the conference building of the Food and Agriculture Organization of the United Nations. The organization of the conference will closely follow the successful pattern established at the first International Congress of Human Genetics, held in Copenhagen in 1956.

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Reactors. Detailed information on 77 research test and experimental reactors in 22 countries is given in volume 2 of the International Atomic Energy Agency's *Directory of Reactors*, published recently. The reactors described are situated in the following countries: United States (37); United Kingdom (7); France (5); Germany (4); Canada (3); Belgium, Denmark, Italy, and Sweden (2 each); and Australia, Austria, Belgian Congo, Brazil, Greece, Iran, Israel, Korea, Norway, Portugal, Puerto Rico, Spain, and Venezuela (1 each).

The first volume of the *Directory*, dealing with power reactors in operation or under construction, was released in June 1959. A third volume, covering the remaining research reactors, will be issued in the middle of 1960. The directory, which is published in English only, is for sale through IAEA sales agents in various countries. Inquiries may also be directed to IAEA, Vienna.

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Plowshare Committee. The Atomic Energy Commission has appointed a 12-member committee to advise the commission on its Plowshare Program, the investigation of peaceful uses of nuclear explosives. The committee members have been drawn from the areas of science, government, and business. Chairman of the new committee is Spofford G. English, special assistant to the general manager of the commission (acting). Plowshare is under the technical direction of the Lawrence Radiation Laboratory at Livermore, California, which is operated for the commission by the University of California.