

Atomic Energy, composed of representatives of Brazil, Canada, France, India, the U.S.S.R., the United Kingdom, and the United States. The agenda and rules of procedure for the conference were sent earlier this year, along with formal invitations, to all members of the United Nations or of affiliated specialized agencies. Titles and abstracts of papers to be presented at the conference are to be submitted by 1 March 1958 and the full texts by 1 June.

Allergy Fellowships

The American Foundation for Allergic Diseases has announced the availability of 2-year postdoctoral fellowships in research and clinical allergy. The stipend for the first year is \$4500; second year, \$4750; laboratory and travel expenses for the 2-year period, \$750. Candidates must be graduates of approved medical schools and must have completed 1 or 2 years of the graduate training required as a preliminary to certification by the Boards of Internal Medicine or Pediatrics.

Requests for applications should be sent to Dr. Colin M. MacLeod, University of Pennsylvania, 820 Maloney Clinic, 36th and Spruce Streets, Philadelphia 4, Pa. Applications should be filed no later than 15 December.

Research Support in Engineering Schools

The National Science Foundation reports that in 1953-54 more than one-fourth of the cost of research and development conducted by colleges and universities was spent by engineering schools. Their share of a total of \$300 million in research expenditures by academic institutions was \$75 million. Of this amount, about \$55 million represented government research support, chiefly through contracts with the Department of Defense.

These figures are given in *Funds for Research and Development in Engineering Schools, 1953-54*, which is No. 7 in the NSF series of *Reviews of Data on Research and Development*. Copies of the report may be obtained by writing to the National Science Foundation, Washington 25, D.C.

Berkeley Program for Public Health and the Social Sciences

A new research program designed to acquaint doctoral candidates from the fields of public health and the social sciences with the problems and practices of each other's profession has been estab-

lished at the University of California, Berkeley. The work will be directed by L. Knutson, former chief of the behavioral studies section in the General Health Services Division of the U.S. Public Health Service, Washington, D.C.

The first participants in the Berkeley program will be four doctoral candidates in public health who will undertake research in behavioral science. There are about 2000 local public health departments in the United States, but there are probably less than 50 public health workers who have been trained at the doctoral level in the behavioral sciences. There is an ever-increasing shortage of this type of public health leader, and this is one of the first programs specifically organized to satisfy the need.

Office of Critical Tables

Guy Waddington, chief of the thermodynamics branch of the U.S. Bureau of Mines Petroleum Experiment Station, Bartlesville, Okla., has been named director of the newly established Office of Critical Tables at the National Academy of Sciences-National Research Council. The new office will seek to make more readily available to science and industry the large quantity of numerical data about the physical properties of chemical substances which are being collected and confirmed by independent research groups in universities, industry, and government.

The independent data-reporting groups will continue to perform the fundamental task of collecting and confirming the essential information. The projected contributions of the Office of Critical Tables are (i) to survey current programs for preparation of critical tables and to determine the need for new tables; (ii) to encourage the reporting groups to provide these tables on a continuing basis (iii) to suggest uniform standards of presentation; and (iv) to maintain a current indexing and directory service.

The contemplated body of information is so vast that—for the present, at least—there are no plans to assemble all data in a single set of volumes. It is anticipated that the total budgets for all co-operating independent groups will approach \$1 million a year.

The new operation grew out of a report submitted by an Academy-Research Council committee in 1955. The committee had been asked to assess the practicality of revising the International Critical Tables, a compilation of similar numerical data published as a series of volumes from 1926 to 1933 under the auspices of the NAS-NRC. The report of this initial committee stated that the extent to which recent research had revealed new data, increased the accuracy

of current data, and opened up completely new areas of investigation made revision appear unwise. The report also pointed out that there was a need for a new approach to accommodate the accumulation of unorganized data and the multiplicity of publications. The solution offered was the present program of the Office of Critical Tables.

An Executive Committee for the Office of Critical Tables was established under the chairmanship of Allen V. Astin, director of the National Bureau of Standards, to formulate policies for the new enterprise. Representatives were selected from the four divisions of the Academy-Research Council most concerned: chemistry and chemical technology, Frederick D. Rossini of Carnegie Institute of Technology; physical sciences, Robert B. Brode of the University of California; engineering and industrial research, Fred B. Llewellyn of Bell Telephone Laboratories; and earth sciences, Francis Birch of Harvard University. This committee will continue to serve as a policy-making group. (At present the Division of Engineering and Industrial Research is represented by Edgar C. Bain, division chairman.)

Mathematics TV Series

"Adventures in Number and Space" is the title of a new educational TV film series designed to make mathematics interesting to secondary school students. The program, which will start on 10 November, was conceived by the Westinghouse Broadcasting Company and prepared with the cooperation of the department of mathematics at Columbia University Teachers College. It will star Bill Baird and his Marionettes, and will be aimed primarily at junior high school students. The series will first be seen over the WBC TV outlets in Boston, Baltimore, Pittsburgh, Cleveland, and San Francisco, but the films will be made available at no cost to educational TV stations elsewhere.

Physics of Fluids

In January 1958 the American Institute of Physics will publish the first issue of *The Physics of Fluids*. F. N. Frenkiel, of the Applied Physics Laboratory, Johns Hopkins University, will edit the new journal with the aid of an 18-member editorial board. *The Physics of Fluids* will start as a bimonthly and will become a monthly as soon as it appears desirable. The journal will contain original papers on significant research results that have not been reported elsewhere.

Correspondence on editorial matters should be addressed to: F. N. Frenkiel,