umes of the new series (each priced at $8.35) will be published during 1954. Inquiries should be addressed to Akademische Verlagsgesellschaft, m.b.H., Holbeinstrasse 25–27, Frankfurt am Main, Germany.

A recently announced quarterly publication, the *Journal of the Association for Computing Machinery*, will contain papers on subjects such as methods of numerical computation and their underlying mathematical theory, techniques of programming and coding, and the design, development, operation, and applications of digital and analogue computing systems. The first issue is dated January 1954. The Association is located at 2 East 63rd Street, New York 21, N. Y.

Nuclear data are now available on 3 x 5 inch index cards through the National Research Council, with monthly sets of about 100 being distributed to subscribers. The cards are prepared as a step in producing the quarterly lists of data that are published in *Nuclear Science Abstracts*, and are duplicated for individual distribution as well. The data are compiled by the Nuclear Data Group under the direction of Dr. Katherine Way with the support of the AEC and the National Bureau of Standards. Subscriptions to the card service are available for $20 per year from the Publications Office, National Research Council, Washington 25, D. C.

A list of translations in the Special Libraries Association Translations Pool is now available for distribution. Requests for copies, accompanied by 30¢ to cover the cost of postage, should be addressed to: SLA Translations Pool, John Crerar Library, 86 East Randolph Street, Chicago 1, Illinois. The 73-page list comprises 1100 translations which were in the Pool as of October 1st, 1953. An addendum to cover several hundred translations contributed in the interim will be issued shortly.

McGraw-Hill Book Company has announced the appointment of Leonard I. Schiff, chairman of Stanford University's department of physics, as consulting editor of the International Series in Pure and Applied Physics. Dr. Schiff succeeds G. P. Harnwell, who resigned the editorship upon his acceptance of the presidency of the University of Pennsylvania. The series of textbooks of modern physics was established by McGraw-Hill in 1930 under the consulting editorship of the late F. K. Richtmyer of Cornell. Dr. Richtmyer's successor, and Dr. Harnwell's predecessor, was L. A. DuBridge, who is now president of the California Institute of Technology.

Elected

The Federation of American Scientists has announced the election of new officers for 1954–55. Chairman for the coming year is M. Stanley Livingston, professor of physics at MIT, who succeeds David L. Hill; Ernest C. Pollard, Yale University physics professor and chairman of the Scientists' Committee on Loyalty and Security, has been elected vice-chairman. Other members of the Executive Committee are: Lewi Tonks, Knolls Atomic Laboratory, secretary; Arthur S. Wightman, Princeton University, treasurer; William A. Higinbotham, Brookhaven National Laboratory; David L. Hill, Los Alamos Scientific Laboratory; and John S. Toll, University of Maryland. The Executive Committee is responsible to the Council, which consists of delegates representing each FAS chapter and the membership-at-large, for directing action on issues as they arise.

Grants and Fellowships

A total of 243 fellowships have been awarded for 1954 by the John Simon Guggenheim Memorial Foundation, with accompanying grants of more than $1 million. 13 of these are listed under categories of physics. In comparison, last year there were 191 grants worth $780 000, of which 12 were awarded in physics. The following physicists received fellowships: Henry G. Booker, Cornell University, for a study of the physics of the outer atmosphere; Herman Feshbach, Massachusetts Institute of Technology, meson-nucleon interactions; Henry M. Foley, Columbia University, nuclear structure problems; William A. Fowler, California Institute of Technology, nature of nuclear forces; David H. Frisch, MIT, theoretical models of nuclear fission; George F. Koster, Lincoln Laboratory, MIT, electronic structure of diamond; Joanne S. Malkus, Woods Hole Oceanographic Institution, atmospheric convection and cloud physics; John H. Manley, University of Washington, collective and single-particle models of the nucleus; Robert E. Marshak, University of Rochester, meson physics; Norman F. Ramsey, Harvard University, consultation and experimentation with European physicists; Stanley G. Thompson, Radiation Laboratory, University of California, nuclear properties of the isotopes of the transuranium elements; Arthur H. Waynick, Pennsylvania State University, the physics and chemistry of the lower ionosphere; John C. Wheatley, University of Illinois, nuclear polarization.

Also of interest are the following awards: Carl B. Boyer, Brooklyn College, history of the theory of the rainbow; Paul J. Flory, Cornell University, high polymer theory in relation to biological systems; Charles C. Gillispie, Princeton University, history of French science; Herbert S. Gutowsky, University of Illinois, radio frequency and microwave spectra in relation to the structure of matter; Lester Guttman, Institute for Study of Metals, University of Chicago, structure of liquid metal solutions; Donald F. Hornig, Brown University, quantum theoretical studies of molecular structure; Thomas S. Kuhn, Harvard, studies of the sources and preconditions of scientific concepts; William N. Lipscomb, Jr., University of Minnesota, valence theory with applications to electron deficient compounds; Chester T. O'Konski, UC, Berkeley, aqueous solutions of macromolecules; George C. Pimentel, UC, Berkeley, infrared spectroscopy; Max T. Rogers, Michigan State College, molecular structure; Robert L. Scott, UCLA, studies in the nature of liquids and solutions, including those of high molecular weight;