

SCIENCE EDUCATION

Fellowships

Of the seventy university scientists named in March to receive two-year unrestricted research grants as Sloan Research Fellows, 28 (or 40%) are physicists, 26 are chemists, 15 are mathematicians, and one is an astronomer. The grants are awarded annually by the Alfred P. Sloan Foundation under its Basic Science Program (which "supports people rather than projects"), and each of the recipients is free to determine his own course of research. This principle has been enunciated by the Foundation's president, Alfred P. Sloan, Jr., in the following terms. "Unrestricted grants," he said, "permit the scientist to devote his talents to basic research without hampering restrictions. The truly creative mind must have freedom of choice and freedom of time."

According to the Foundation, more attention will be given in the future to the able young scientist interested in an interdisciplinary approach, partly in the conviction that research in areas lying between two or more classical scientific fields is becoming increasingly significant, and partly because scientists frequently have difficulty in obtaining funds for interdisciplinary research because it may fall outside of traditional university departments.

Since 1955, when the Basic Science Program was established, 225 scientists from 65 universities have received awards at a total cost to the Foundation of approximately \$5.5 million. The current operating level of the program is about \$1 million a year. The fellows are chosen from a group of relatively young faculty members who have been nominated by department heads and other senior scientists, and the nominations are reviewed by a committee of outside scientific advisers consisting of two chemists, two mathematicians, and two physicists. Polykarp Kusch of Columbia University and Leonard I. Schiff of Stanford University are currently members of the committee.

The physicists among those named this year as Sloan Research Fellows are listed below:

David Bodansky, University of Washington
Felix Boehm, California Institute of Technology
Myer Bloom, University of British Columbia
Leon N. Cooper, Brown University
James M. Daniels, University of British Columbia
Russell J. Donnelly, University of Chicago
Kerson Huang, Massachusetts Institute of Technology
Kenneth A. Johnson, Massachusetts Institute of Technology
Richard W. King, Purdue University
Abraham Klein, University of Pennsylvania
Tsung-Dao Lee, Institute for Advanced Study
William L. Lichten, University of Chicago

William A. Little, Stanford University
Irving J. Lowe, University of Minnesota
Paul C. Martin, Harvard University
Marcos Moshinsky, Princeton University
Robert Novick, Columbia University
Lorne A. Page, University of Pittsburgh
Francis M. Pipkin, Harvard University
Frederick Reines, Case Institute of Technology
Jack Sandweiss, Yale University
Robert Schumacher, Carnegie Institute of Technology
Melvin Schwartz, Columbia University
K. J. Teegarden, University of Rochester
William Tobocon, W. Marsh Rice University
Steven Weinberg, University of California
Eyvind H. Wichmann, University of California
Ariel C. Zemach, University of California

Summer Programs

An Institute for Theoretical Physics will again be held this summer (June 15–August 31) at the University of Wisconsin. Funds for support of the program have been provided by the National Science Foundation. There will be no formal courses, but a seminar will meet twice a week and each participant will have the opportunity to present a lecture or two concerning his current research interest. Among the invited members who will be in residence for a period of three weeks or more are M. Baker (Stanford), J. Bardeen, R. Haag, and K. Nishijima (Illinois), J. Goldstone (Cambridge, England), H. Lehmann (Hamburg), Y. Nambu (Chicago), P. T. Matthews and A. Salam (Imperial College, London), J. Tiomno (Centro de Pesquisas Fisicas, Brazil), S. Weinberg (California, Berkeley), and E. P. Wigner (Princeton). Theoretical physicists on the staff of the University of Wisconsin will also participate in the institute. Inquiries should be sent to the Summer Institute for Theoretical Physics, Sterling Hall, University of Wisconsin, Madison 6, Wis.

The University of Colorado will hold its fourth annual Advanced Subject Matter Institute in Theoretical Physics from June 19 to August 24. Supported by a grant from the National Science Foundation, the institute will bring together between 100 and 150 advanced students and physicists from "all over the world", perhaps including a few from Siberia. (Word from Boulder has it that D. V. Shirkov of the Nuclear Research Institute of Novosibirsk has indicated interest in having some members of his staff take part in the Colorado program.) Among those expected to serve as lecturers are L. Spruch (NYU), J. G. Valatin (Birmingham), Roy Glauber (Harvard), Hugh McManus (Michigan