Announcements

The **Center for Research in College Instruction of Science and Mathematics** was established recently with Florida State University as its headquarters. Its object is to provide a place for "investigation, development, and dissemination of new materials and techniques in the various fields of science and mathematics with emphasis on interdisciplinary cooperation." The center, directed by FSU physics professor Guenter Schwarz, will have a permanent resident staff and will also offer its facilities to faculty from other institutions who want to take a summer—or a year or two—to work on a specific investigation or development program. FSU, in addition to providing space for the center, will give financial support for the first year of operation, after which funds are to come from outside sources.

The center was created in response to recommendations made at a conference about 2 years ago in New Orleans, which was attended by representatives from the mathematics and science departments of major southern universities. An interim organizing committee was set up at that time to make preliminary arrangements. The committee dissolved itself in March after naming a board of governors from the member institutions. The board's chairman is Vernon Hurst of the University of Georgia, Athens. Other members include:

R. D. Anderson and George Kent, Louisiana State
Richard Andree, Oklahoma
Joshua Brown, Maryland
Frederick Duke, Texas A&M
Samuel Ellison, Texas
John Gryder, Johns Hopkins
Russell Johnsen, Florida State
Terry Johnson, Duke
R. T. Lagemann, Vanderbilt
H. F. Robinson, North Carolina State
W. R. Rusk, Tennessee
Harry Sisler, Florida
Joseph W. Straley, North Carolina
L. David Wyly, Georgia Tech
Gail Young, Tulane

Representatives of Rice and the University of Virginia have yet to be chosen.

The National Bureau of Standards has begun a **research associate program** which will allow scientists and engineers from industry to work temporarily at NBS laboratories. Industrial researchers will work for a year or more on projects of mutual value to their sponsoring organizations and NBS; afterward they will have continued access to the Bureau's staff and resources. Cooperative opportunities are available in such fields as analytical chemistry, spectroscopy over the range from microwave to x-ray frequencies, and computer languages and data processing systems. A brochure describing the program may be obtained from the Office of Industrial Services, NBS, Washington 20234.

The American Society of **Scientific and Engineering Translators** was formed recently in Pittsburgh. Its plans include working for the professional licensing of technical translators. A directory of members will be made available, free of charge, for use by industry, government, and other organizations.

Applicants for admission to the society may take an examination or may submit samples of their past work for evaluation by an admissions committee. Additional information on the society is available from its president, A. J. Orluk, 446 South Ave., Pittsburgh, Pennsylvania 15221.

Courses

Structure and synthesis of antibodies is the subject of an English-language course scheduled for 13–22 September at the European Center of Education, Rome. Emphasis will be on the molecular basis of the immune response and the genetic control of immunoglobulin structure. Participation is limited to 50 postgraduate students in physics, chemistry, biology, or medicine. Two types of NATO fellowships are available, some covering travel and living expenses for the program, others just for living expenses. Application deadline: *15 June*. (International Laboratory of Genetics and Biophysics, Box 104, Naples, Italy)

A course on **chromosome cytology** is scheduled for 8–27 August at the Rhode Island Hospital, Providence. Applications should be in the form of a letter stating the applicants' training, research, teaching experience, and interests. Applicants must have a master's or doctor's degree. Attendance will be limited to 16; fee: $75. Deadline: *31 May*. (P. S. Moorhead, Wistar Institute, 36th and Spruce Streets, Philadelphia, Pennsylvania)

Meeting Notes

The Univeristy of Rochester will hold a symposium on the theory of temporal factors in **vision and visual perception** 6–8 June in Rochester, New York. Sponsor: the university's center for visual science, with support from NSF. (R. M. Boynton, Center for Visual Science, University of Rochester, Rochester, New York 14627)

The **Operations Research** Society of America will meet 17–19 October in Durham, North Carolina. Previously unpublished papers on any aspect of operations research are invited. Papers may be submitted by nonmembers as well as members of the society. Presentation time: 15 minutes; abstracts: 200 words, in duplicate; deadline: *1 June*. (Transportation sciences papers: Denos C. Gazis, IBM Research Center, P.O. Box 218, Yorktown Heights, New York 10598. All other papers: Georges Brigham, Arthur Andersen and Co., 501 Norton Building, Seattle, Washington 98104)

The University of Wisconsin will sponsor a conference in **statistical experimental design** for engineers 13 June to 1 July. The meeting is designed to teach college instructors new developments in the field. The topics to be covered include *t*-test, *k*-variable analysis, randomized block designs, factorial designs, and evolutionary operation. (George E. P. Box, Statistics Department, University of Wisconsin, Madison)

The call for papers has been issued for a conference on **analytical chemistry in nuclear technology**, scheduled for 27–29 September in Gatlinburg, Tennessee. Papers are especially desired on remote analysis of radioactive materials in hot cells and on analysis of alkali metals in nuclear technology; contributions on other topics will also be considered. Sponsor: analytical chemistry division, Oak Ridge National Laboratory. Presentation time: 25 minutes. Deadline for letter of intent to submit a paper: *15 June*; abstracts of 200 to 500 words: *15 July*. (L. J. Brady, Oak Ridge National Laboratory, P.O. Box X, Oak Ridge, Tennessee 37830)

A meeting on **phage genetics and physiology** will be held in Naples, Italy, 24–26 September. Papers may be presented; abstracts must be supplied be-

fore the meeting. A limited number of travel grants of $150 to $250 will be offered for persons working in European laboratories; applicants should indicate their age, academic affiliation, publications, and whether or not they intend to present a paper. Meeting language: English; deadline for notification of intent to attend or to present a paper, and for applications for travel grants: *15 July*. (Organizing Committee, 1966 European Phage Meeting, International Laboratory of Genetics and Biophysics, Naples)

Summer Institutes

The following are NATO Advanced Study Institutes:

Aurora and Airglow, 15–26 August, University of Keele, Keele, England; to cover theoretical and experimental-research findings; fellowships available. (B. M. McCormac, Geophysics Division, IIT Research Institute, 10 W. 35 St., Chicago, Ill. 60616)

Optical Properties of Solids, 7–20 August, Freiburg, West Germany; for advanced students in solid-state physics and for physicists with research training in the field. (S. Nudelman, University of Rhode Island, Kingston)

Symmetry Principles in Elementary Particle Physics, 8–27 August, Istanbul, Turkey; for advanced graduate and postdoctoral students; some fellowships available; deadline: *15 May*. (Arnold Perlmutter, Center for Theoretical Studies, University of Miami, Coral Gables, Florida

Scientists in the News

J. Anthony Deutsch, professor at New York University, and **David M. Green**, an associate professor at the University of Pennsylvania, will become professors of psychology at the University of California, San Diego, 1 July. The university's new graduate program in psychology is to start in September.

The new director of the Stevens Institute of Technology computer center is **Irving Rabinowitz**, formerly associate director of the computer center at Princeton.

L. R. Quarles, dean of engineering at the University of Virginia, has been appointed chairman of the recently formed engineering education committee for Oak Ridge Associated Universities.

The Mees medal of the Optical Society of America was presented recently to **Bengt Edlén**, professor of physics at the University of Lund, Lund, Sweden. The award cites his work over a 35-year period on the light emitted by the vapors of highly ionized elements.

Howard V. Rickenberg, professor of bacteriology at Indiana University, will become professor of microbiology at the University of Colorado medical school, effective 1 July. He will also become research director of the National Jewish Hospital in Denver.

The university has appointed **Strother H. Walker** associate professor of preventive medicine and comprehensive health care, beginning 1 September. He is now principal investigator in charge of the statistical group at Johns Hopkins University's Operations Research Office.

The 1965 Helen B. Warner Prize of the American Astronomical Society was presented to **Riccardo Giacconi,** director of the space research and systems division, American Science and Engineering, Inc. He was cited for his discovery of "x-ray stars" and for his part in the invention of an x-ray telescope.

REPORTS FROM EUROPE

Bolder Policies for British Technology?

London. Scientific and technological issues underlying Britain's continuing economic difficulties, such as those which touch the bellwether airplane and computer industries, received virtually no attention during the parliamentary election campaign that has resulted in a solid majority for Harold Wilson's Labour government.

Even more than in the previous campaign of October 1964, discussion was dominated by economics and social policy. But the real issue was whether the voters felt that Wilson had earned a chance to govern strongly. They did.

Yet it would be wrong to assume from this campaign silence that the Wilson government had not faced many scientific and technological issues or that these issues will not become more insistent now that the government has won the power to act independently.

Besides canceling a number of unpromising development projects, the Wilson government undertook a major redistribution of scientific agencies. But this was not all that the firmly nonideological Wilson cabinet did. It took important steps to meet long-term and short-term difficulties of science and technology, even though the cabinet was forced to focus its attention on such problems as saving money on defense, maintaining the relative value of the pound sterling, and preventing an African explosion over the seizure of power by the white minority in Rhodesia.

Moving into fields where a payoff is not likely for some years, the newly formed Ministry of Technology began encouraging mergers in the fragmented machine-tool industry, approved a large-scale test of an advanced American system for programming machine tools (using a rented American computer), and advanced $14 million to the recently amalgamated British computer firm, Imperial Computers and Tabulators, to help it develop programs and ancillary equipment for a new computer series. The ministry went ahead with plans for a National Computer Center to be built at Manchester. The center will contain a library of programs, will develop new programs, and will help individual firms adapt their activities to computer technology.

Since it was recognized that the organization of industry has a direct impact on innovation, committees were formed to investigate the airplane-building and shipbuilding industries, and these committees, headed respectively by Lord