

EDUCATION

CCP names new officers

The Commission on College Physics, now in its sixth year, has appointed John M. Fowler its executive secretary during 1965-66. Fowler, who is on leave from his post as associate professor of physics

at Washington University in St. Louis, has been active in the visiting-scientists' program of the American Institute of Physics and American Association



FOWLER

of Physics Teachers. Awarded his physics doctorate from Johns Hopkins University in 1954, his research interests include angular distributions and polarization of neutrons, protons, and deuterons, and polarization of cosmic-ray muons. Fowler will be assisted by CCP staff physicists Peter G. Roll of Princeton University, Paul R. Camp of US Army Cold Regions Research and Engineering Laboratories, and W. Thomas Joyner of Hampden-Sydney College. E. Leonard Jossem, executive secretary of the commission last year, has returned to Ohio State University, and former staff physicists Arnold A. Strassenburg and Everett Hafner have returned to University of Kansas and University of Rochester, respectively. The commission's offices are in the Physics and Astronomy Building, University of Michigan, Ann Arbor, 48104.

Summer programs

An international school of nonlinear mathematics and physics will be held in Europe (exact location not decided) from June 27 to Aug. 5. Directed by M. D. Kruskal and N. J. Zabusky, the school is sponsored by NATO as part of its Advanced Study Institute Program.

The physics session (three weeks) will cover classical field theories, gravitation, statistical mechanics, optics, and

turbulence. Faculty includes N. Bloembergen, I. Prigogine, C. Truesdell, A. A. Vedenov, and J. A. Wheeler.

The mathematics session (three weeks) will cover ordinary and partial differential equations, shock waves, and asymptotic and numerical methods. Faculty includes P. Germain, H. O. Kreiss, Kruskal, P. D. Lax, J. Moser, S. M. Ulam, and Zabusky.

More information and application materials (deadline March 1) are obtainable from Dr. N. J. Zabusky, Nonlinear School, Bell Telephone Laboratories, Whippany, N.J. 07981.

A ten-week research participation program will support five predoctoral and eight postdoctoral college teachers this summer at the University of Maryland department of physics and astronomy. Teachers may work in such areas as optical and radio astronomy, quantum electronics, or atomic, atmospheric, high-energy, elementary-particle, nuclear, plasma, and solid-state physics. National Science Foundation support includes a \$75 weekly stipend for postdoctoral participants, a \$15-per-week allowance for each dependent, and a travel allowance. Applications (Feb. 20 deadline) should be sent to Dr. Howard Laster, chairman, department of physics and astronomy, University of Maryland, College Park, Md. 20742.

A colloquium on the theoretical biology of the cell will be held under the administration of the American Institute of Biological Sciences from July 17 to August 18. Sponsored by the National Aeronautics and Space Administration, the program will be held at Colorado State University in Fort Collins, Colo., and is intended to encourage research in the field. The course of study will include lectures and seminars but emphasis will be placed on the activities of five working parties: involving evaluation of intermolecular forces in the operation of the cell, the assembly of macromolecules into functional units, the physics

of lipid monolayers and bilayers in relation to membrane function, kinetic aspects of the compartmentalization of cells, and cellular control mechanisms with special reference to cell size. Some pre- and postdoctoral fellowships are available.

Further information can be obtained from Dr. James F. Danielli, Theoretical Biology Center, 412 Michael Hall, State University of New York at Buffalo, Buffalo, N.Y. 14214. Closing date for applications is February 1.

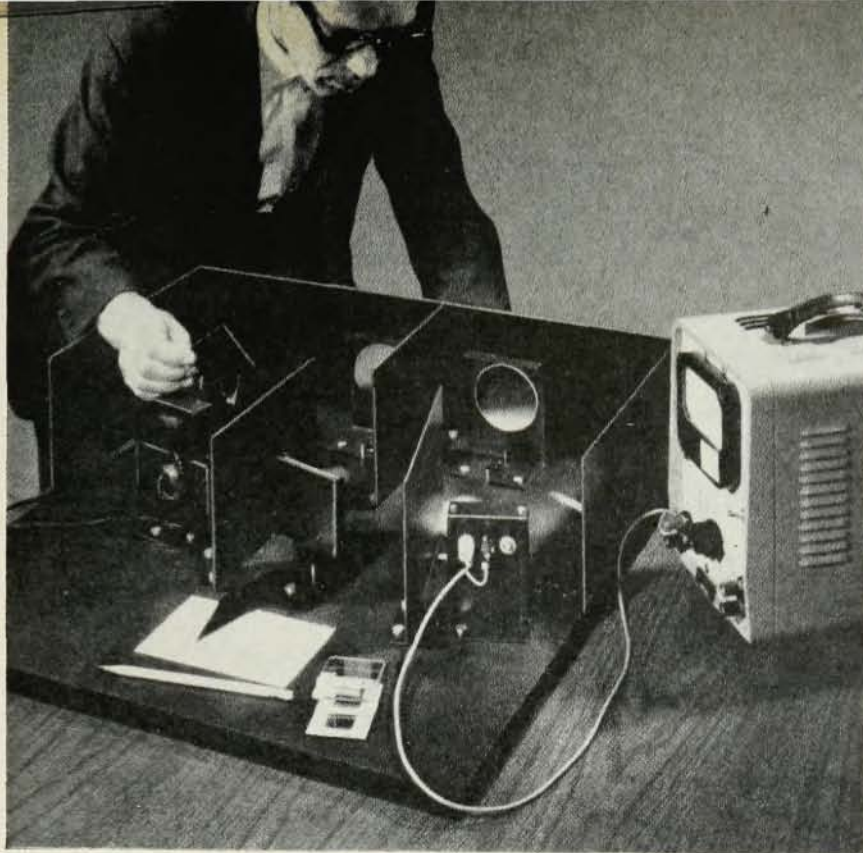
NAS associateships

Postdoctoral resident research associateships, administered by the National Academy of Sciences and the National Research Council, offers advanced training at various government laboratories and research centers. The program provides a \$10 250 stipend, and is open to US citizens who hold the PhD or ScD or who are completing degree requirements this year. Laboratories participating in the program include David Taylor Model Basin, National Bureau of Standards, Naval Ordnance and Naval Research Laboratories. Deadline for receipt of applications for 1966-67 is Feb. 15, 1966, and awards will be announced by participating agencies about April 1. Further details can be obtained from the Office of Scientific Personnel, Rm. 318, National Academy of Sciences, 2101 Constitution Ave., N.W., Washington, D.C. 20418.

Fulbrights for 1966-67

Physics awards available under the Fulbright-Hays Act include the following:

Ireland: University College, Cork (Sept. 1966-June 1967), undergraduate lecturer in experimental physics with opportunities for ionization-current and x- and beta-ray research. *Syrian Arab Republic:* Aleppo University (Oct. 1966-July 1967), lecturer for first-year engineering.



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This is the fourth in a series of ads featuring art by students in the Los Alamos school system. This painting is by Yolanda Vigil, who was a fourth grader at Mesa Elementary School when it was painted.



Turkey: Istanbul Technical Institute, University for Nuclear Energy (Sept. 1966-Aug. 1967), professor to teach nuclear physics and nuclear engineering to nuclear engineering students; also direct MS thesis work and advise in nuclear physics lab.

United Arab Republic: Ain Shams University, Cairo (Sept. 1966-June 1967), professor for lectures and research in electron microscopy.

Cairo University (Sept. 1966-June 1967), lecturer in quantum mechanics and nuclear physics, with research opportunities.

National Research Center, Cairo (Sept. 1966-June 1967), professor to collaborate in research in x-ray crystallographic lab.

All inquiries on the above awards can be directed to Committee on International Exchange of Persons, Conference Board of Associated Research Councils, 21 Constitution Ave., N.W., Washington, D.C. 20418.

New department at Stony Brook

The State University of New York at Stony Brook has established a new Earth and Space Sciences Department. In its first year, the new department will offer an undergraduate major in earth sciences with a space-sciences major added next year or thereafter. By September 1967 the department hopes to occupy a projected space-sciences building, and by the following September intends to offer graduate programs leading to the doctorate. Fields of study will include astronomy, geology, meteorology, geophysics, astrophysics, geochemistry, and oceanography.

Heading the new department is Professor Oliver Schaeffer, formerly of Brookhaven National Laboratory. His faculty will include Hong-Yee Chiu of the NASA Institute for Theoretical Studies, who has a joint appointment at Stony Brook as NASA visiting associate professor of astrophysics in the Departments of Earth and Space Sciences and Physics; Samuel S. Goldich, professor of geology, formerly with US Geological Survey; and Robert T. Dodd, assistant professor of mineralogy, who was previously with Air Force Cambridge Research Laboratories.