

SCIENCE EDUCATION

Regional Counselors in Physics

Based on the recognition that professional societies in physics must rely upon the active help and advice of physicists who are familiar with local educational problems if significant progress is to be made in improving physics teaching and if the full benefits of national efforts are to be realized, a "Regional Counselor Program in Physics" has been established as a joint project of the American Association of Physics Teachers and the American Institute of Physics. Some fifty counselors, chosen for their competence in physics, their interest in the improvement of physics teaching, and their ability to work effectively at the local level, have been appointed in the various states since the program was started last fall, and next year it is expected that there will be two or three counselors at work in each of the larger and more populous states so that the group will eventually number approximately one hundred. Requests for additional information about the program should be sent to the Regional Counselor Office, American Institute of Physics, 335 East 45th Street, New York 17, N. Y.

Research Participation for Teachers

College and secondary-school teachers of science will be encouraged to participate in research projects of university and college departments this year under programs announced by the National Science Foundation in January. Grants totaling about \$850 000 were made by the Foundation to 48 institutions to provide research participation programs for 350 college science teachers; the program for high-school teachers is supported by an additional \$735 000 in grants awarded to 47 institutions for 370 participants.

Similar programs have been provided by the Foundation for college teachers in the past three years. The requirement of at least the master's degree in the field in which research work is proposed, and the requirement that the work be done in a department offering the doctorate, a provision established last year, are being continued. Research participation opportunities are also available for teachers holding a doctorate. Participating teachers with a PhD may receive stipends of as much as \$100 a week during the summer, plus allowances for travel and dependents. Stipends for college teachers holding a master's degree and for secondary-school teachers are limited to \$75 a week.

The following research participation programs in physics for college teachers will be offered in 1962. (Inquiries should be addressed to the directors of the individual programs as listed below.)

Agricultural and Mechanical College of Texas, College Station, Texas (J. B. Coon, Department of Physics): 2 predoctoral teachers; 12 weeks beginning June 5

University of Colorado, Boulder, Colo. (A. A. Bartlett, Department of Physics): 6 predoctoral and 2 postdoctoral teachers; 10 weeks beginning June 18

University of Florida, Gainesville, Fla. (Stanley S. Ballard, Department of Physics): 2 predoctoral and 2 postdoctoral teachers; 10 weeks beginning June 18

Louisiana State University, Baton Rouge, La. (Vincent E. Parker, Department of Physics and Astronomy): 3 predoctoral and 3 postdoctoral teachers; 9 weeks beginning June 13

University of Maryland, College Park, Md. (John S. Toll, Department of Physics): 5 predoctoral and 5 postdoctoral teachers; 10 weeks beginning June 25

University of Nebraska, Lincoln, Neb. (John W. Weymouth, Department of Physics): 7 predoctoral teachers; 11 weeks beginning June 11

Pennsylvania State University, University Park, Pa. (M. J. Montjar, Department of Chemistry): 2 predoctoral and 3 postdoctoral teachers; 9 weeks beginning June 18

Western Reserve University, Cleveland, Ohio (Gerald E. Tauber, Department of Physics): 2 predoctoral and 2 postdoctoral teachers; 10 weeks beginning June 1

New Mexico Highlands University, Las Vegas, N. M., *biophysics* (James P. Zietlow, Department of Physics): 5 predoctoral and 5 postdoctoral teachers; 10 weeks beginning June 11

Films

A new film entitled *Gas Chromatography* has been produced by Rensselaer Polytechnic Institute under a grant from Perkin-Elmer Corporation and will soon be available without charge through the Modern Talking Picture Service of New York City. Premiered at the 1961 Pittsburgh Conference on Analytical Chemistry and Applied Spectroscopy, the film is being modified to include several additional sequences. Those interested in future bookings should contact Perkin-Elmer Corporation, Norwalk, Conn. which will inform them when the film is ready for circulation.

Inquiries concerning a companion film, *Infrared Spectroscopy*, should be sent directly to Modern Talking Picture Service, Inc., 3 East 54th Street, New York 22, N. Y.

Two new sound motion pictures, one on vision and the other on magnetism, have recently been added to the Bell Telephone Laboratories College Science Film Series and are available on free loan from Bell Telephone Company offices.

Short-Term Visual Memory (16 mm, sound, black and white, 18 minutes) is the story of an experiment in visual perception which was recently conducted in