

GENERAL SCIENCE

Panel on Science Youth

► **WAYS OF PROVIDING** challenging opportunities for America's potential scientists will be explored at the annual meeting of the American Association for the Advancement of Science when it convenes in New York, Dec. 26-31, 1960.

The conference on science youth activities will discuss the stimulation of student research projects and special opportunities for the gifted science student, including such programs as science fairs, science clubs and the Science Talent Search for the Westinghouse Science Scholarships and Awards. The conference will be conducted on Friday afternoon, Dec. 30, by SCIENCE SERVICE which administers Science Clubs of America, the National Science Fair-International and the Science Talent Search.

Discussion leaders will be Dr. Morris Meister, president of Bronx Community College, N. Y., and former principal of Bronx High School of Science; Dr. Wayne

Taylor, professor of teacher training courses in science and mathematics at Michigan State University and active for many years as a state Science Talent Search director and in science fair and Junior Academy of Science programs; and Dr. Burrell Wood, now a SCIENCE SERVICE staff member and a former college chemistry professor, science fair director and state Science Talent Search director.

The chairman of the conference will be Gordon Fister, associate editor of the Call-Chronicle Newspapers in Allentown, Pa., and director of the Lehigh Valley Science Fair. Dr. Watson Davis, director of SCIENCE SERVICE, will open the meeting.

Science teachers, sponsors of science clubs, science fair committee members and Science Talent Search cooperators are especially invited to attend this session of the AAAS meeting and to participate in the discussion.

• Science News Letter, 78:415 December 17, 1960

PHYSICS

AEC Trains Latin America

► **LATIN AMERICA** is being encouraged to give advanced education in atomic development for peaceful uses through courses at the U. S. Atomic Energy Commission's Puerto Rico Nuclear Center at Mayaguez.

Specialists from 18 Latin American countries have been taking graduate-level courses in nuclear science and technology being taught in the Center in the Spanish language, it was reported at the AEC's first seminar in Germantown, Md., for discussion of ways to increase the Center's effectiveness in this part of the world.

Dr. John C. Bugher, the Center's director, formerly with the Rockefeller Foundation, urged increased private and public support for student maintenance. The facilities and teaching materials, still under construction, are part of a \$3,500,000 building program designed to make the latest in training and research available to students from all the American nations.

The heart of the Center is the ten-watt water-boiler type reactor built by Atomics International, a division of North American Aviation. A larger pool-type reactor will be completed next year and will greatly increase the research and teaching services of the Center.

This will bring the number of U. S. AEC operating reactors in Latin America to four. Venezuela and Brazil each have an AEC reactor. This is two-thirds the number of

such operating reactors in the world, although the AEC currently has 14 more under construction in Europe, Asia and Africa.

Virtually every country in Latin America, including Cuba, has had visits from U. S. atomic specialists.

Fourteen libraries, supplied by the AEC, with approximately a total of 25,000 pieces of literature on atomic energy, serve Latin America.

Atomic fuel for medical use and research also has been made available to these countries and others in the world by the AEC through the International Atomic Energy Commission.

Through these aids, the AEC hopes to develop skilled and trained personnel in all areas of nuclear science and technology, particularly in the area of radiobiological health which becomes more vital as atomic development grows throughout the world.

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Questions

ASTRONAUTICS—What does 8-g's mean? p. 403.

GENERAL SCIENCE—What is the process of basic research? p. 405.

PUBLIC SAFETY—At what height are living organisms killed? p. 402.

Photographs: Cover, Los Alamos Scientific Laboratory; p. 402, General Electric Company; p. 403, National Aeronautics and Space Administration; p. 405, Fremont Davis; p. 407, Hughes Aircraft Co.; p. 411, Columbia University; p. 413, U. S. Air Force; p. 416, Eastman Chemical Products, Inc.

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