

EDUCATION

Fair Winners Go to Berlin

FIVE BRIGHT EXAMPLES of American science fair winners will star in the U. S. Government exhibit at the Berlin Industries Fair in September, the U. S. Information Agency has announced.

These young scientists from Alabama, Colorado, Indiana, Michigan and Washington, four of them National Science Fair-International finalists this year, will be part of a galaxy of 30 outstanding high school students selected from all over the country. They will go to the West Berlin Industries Fair to participate in the U. S. Government's entry, "American Youth," designed to show about a million visitors how American young people live, learn, work and spend their leisure time.

Displaying and discussing their science fair projects, the high school scientists will give visitors a glimpse of the contributions to scientific development that may be expected from the younger generation.

David J. Wilson Jr., 18, of Athens, Ala., will exhibit his prize winning "Survival on Mars" project, consisting of a complete system that permits survival of animals on another planet. James K. Bramblett, 17, of Lafayette, Ind., will demonstrate his ultra-violet flying spot microscope, which scans

living cells and produces a picture on a monitor tube.

Philip C. Bockman, 18, of Grand Rapids, Mich., and Martin J. Murphy Jr., 17, of Colorado Springs, Colo., will explain their ventures into medical science. Philip has devised a stainless steel and plastic sponge prosthesis that improves the connection with muscle and attachment to bone, and Martin has studied the biochemical role of radioactive testosterone in the formation of red blood cells.

Selected for the Berlin trip through SCIENCE SERVICE, which conducts the National Science Fair-International, these four boys were chosen from among those who won distinction at the annual event. In Indianapolis last spring the Fair judges and those of cooperating Government and professional groups awarded these students a variety of high honors.

Sharon Perkins, 15, representing the winners of the Inland Empire Science Fair, Spokane, Wash., an affiliate of the National Science Fair-International, will round out the view of youthful scientists-in-action. Her project is a geodesic dome constructed of novel material.

The 30 will arrive in Washington, D. C.,

on Aug. 21 for a nine-day orientation course. They will fly to Europe about Aug. 30 and will continue their training sessions in language and history until the opening of the Fair on Sept. 13. They will return to the United States, and their high school and freshman college classes, on Sept. 28.

The U. S. Information Agency has developed the exhibit for the Industrial Fair in cooperation with the Department of Commerce for the President's Special International Program. Educational, civic and business groups are helping to send the students, and the National 4-H Club Foundation is supervising their travel, administrative and financial arrangements.

• Science News Letter, 78:95 August 6, 1960

Questions

MEDICINE—How is the lie detector being used medically? p. 84.

METEOROLOGY—How long does a hurricane usually last? p. 90.

PUBLIC HEALTH—Where will the world's first Department of Radiological Science be located? p. 82.

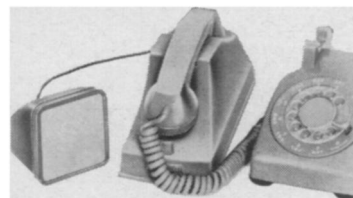
TECHNOLOGY—How can dry milk flavor be retained during storage? p. 92.

Photographs: Cover and p. 90, U. S. Weather Bureau; p. 85, Linde Co.; p. 86, University of Illinois; p. 87, Vision Magazine—Richard Davis; p. 96, The Giamporcaro Co.



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