

metallurgy at Rensselaer Polytechnic Institute, will be given the ASM's teaching award for his outstanding performance in the teaching of technical men.

Three scientists share the ASM Henry Marion Howe medal award for their joint paper on "Delayed failure and hydrogen embrittlement in steel": ALEXANDER R. TROIANO, professor and head of the department of metallurgy at Case Institute of Technology; WILLIAM J. BARNETT, former Case research associate now with the General Electric Company at Evendale, Ohio; and RICHARD P. FROHMBERG, also a former Case research associate, now a senior engineer with the North American Aviation Corporation, Downey, Calif.

SYLVAN I. COHEN has joined Olin Mathieson Chemical Corporation as an agricultural research specialist in the research and development department of the Insecticides Division at Port Jefferson, N.Y. He was formerly vice president for research of Gallowhur Chemical Corporation, Ossining, N.Y. Much of his work has concerned the development of mercurial seed disinfectants and other new organic foliage fungicides. He holds patents on several compounds developed for use in this field.

LESTER GUTTMAN, who from 1946 until 1955 was a member of the faculty at the University of Chicago, has been named to the metallurgy and ceramics research department of the General Electric Research Laboratory, Schenectady, N.Y. Prior to joining the G.E. staff, he spent a year in Harwell, England, studying neutron diffraction.

Recent Deaths

BERNARD V. CHRISTENSEN, Columbus, Ohio; 71; retired dean of the College of Pharmacy of Ohio State University; 13 Sept.

ALICE DUNBAR, Somerset, Md.; 77; one of the first women chemists in Government service; 8 Sept.

WILLIAM A. D. EVANS, Summit, N.J.; 75; electrical engineer; retired executive of the General Electric Company; 13 Sept.

IDA V. GIBSON, Ithaca, N.Y.; associate professor of food and nutrition at Cornell University; 16 Sept.

JOHN I. HAMAKER, Lynchburg, Va.; 86; biology professor emeritus of Randolph-Macon Woman's College; 24 July.

HARRY L. HOLLINGWORTH, Montrose, N.Y.; 76; professor emeritus of psychology and founder and former head of the department at Barnard College; 17 Sept.

BERNARD D. JUDOVICH, Phila-

delphia, Pa.; 52; associate professor at the Graduate School of Medicine of the University of Pennsylvania; founder and head of the Pain Research Foundation of the Graduate Hospital; 13 Sept.

CHARLES K. LEITH, Washington, D.C., and Madison, Wis.; 81; emeritus professor of geology at the University of Wisconsin; vice president of AAAS Section E in 1919; consultant to the foreign minerals division of the Atomic Energy Commission; 13 Sept.

JAMES P. PORTER, Swarthmore, Pa.; 82; retired editor of *The Journal of Applied Psychology*; former head of the department of psychology at Ohio University; 14 Sept.

HENRY B. SAFFORD, Garden City, L.I., N.Y.; 72; professor of gynecology and obstetrics at New York Medical College; 16 Sept.

Education

■ The Ford Foundation has announced the allocation of grants totaling \$21,750,000 to strengthen instruction in the 44 privately supported medical schools now in operation in the United States. The grants are in the amount of \$500,000 to each of 43 4-year institutions and \$250,000 to the 2-year medical school at Dartmouth College. They were authorized by the foundation's board of trustees upon the recommendations of a special advisory committee headed by Lee DuBridge, president of the California Institute of Technology. The advisory committee was set up by the foundation to develop plans for distributing the \$90 million that the foundation appropriated last December to aid the instructional programs of the private medical schools.

The grants are to be held by the recipient institutions as invested endowment for at least 10 years. During this time the income from the endowment may be expended for instructional purposes. Excluded from purposes of the grants are construction and research needs. After a 10-year period the medical schools will be free to use the principal sum as well as endowment income. In announcing the 44 grants the foundation indicated that it expects to disburse the balance of the \$90-million appropriation during the current academic year.

■ The Office of Education is now accepting applications from American elementary, secondary, and junior college teachers who wish to teach abroad under the United States International Educational Exchange Program during the school year 1957-58. Three hundred awards will be made available by the Board of Foreign Scholarships.

To qualify for an award under this program, a candidate must be a United

States citizen, have a bachelor's degree, and a minimum of 3 years of successful teaching experience. The deadline for receipt of applications is 15 Oct. Requests for the bulletin, *Teacher Exchange Opportunities, 1957-58*, and application forms should be addressed to the Teacher Exchange Section, Office of Education, U.S. Department of Health, Education, and Welfare, Washington 25, D.C.

■ The Atomic Energy Commission, Oak Ridge National Laboratory, and the Oak Ridge Institute of Nuclear Studies have announced that 102 scientists from Oak Ridge laboratories will be available on request to lecture, conduct seminars, and participate in colloquia at university campuses throughout the country. This arrangement is made possible through the Oak Ridge Traveling Lecture Program, which is being presented for the ninth consecutive academic year.

A brochure has just been issued on the program for 1956-57; it lists the speakers who will participate and names some 165 different lecture subjects. Ninety of this year's lecturers are from ORNL, two represent the University of Tennessee-AEC Agricultural Research Program; three are with the ORINS, and seven are members of the AEC staff at Oak Ridge. Additional information and brochures may be obtained by writing the chairman, University Relations Division, Oak Ridge Institute of Nuclear Studies, Box 117, Oak Ridge, Tenn.

■ In an effort to meet its increasing demand for high-caliber technical graduates, the National Bureau of Standards is giving students an opportunity to become acquainted with a government research laboratory during their undergraduate summers and to discover the advantages of a professional career at the bureau. Open to physical science and engineering majors and also to selected high-school graduates who have displayed unusual scientific ability, the Student Trainee Program is proving mutually beneficial to the bureau and the trainees. Approximately 150 students have been employed annually since the program was initiated in 1948. Besides carrying their share of the work load during the summer, many fulfill the ultimate aim of the program and later return to the staff in a permanent capacity.

To gain eligibility on the register from which appointments to the program are made, college men and women must pass a written Civil Service examination for student trainees. At the high-school level a limited number of direct appointments are offered to winners in the Westinghouse Science Talent Search and other science competitions. A student who has taken part in the program and is recommended by his supervisor may return