

Jules Freund, National Institutes of Health, Bethesda, Md.; **Gilbert Dall-dorf**, The National Foundation, New York, and formerly head of research laboratories, State Department of Health, Albany, N.Y.

The Franklin Institute has awarded the Frank P. Brown Medal posthumously to **Hardy Cross**, a former Yale professor, whose original moment distribution method revolutionized the design procedures for reinforced-concrete structures. The medal citation to Cross, who died in February of this year, reads: "For his outstanding career as a teacher, especially of engineering students during the past fifty years at Hampden-Sydney College, Brown University, the University of Illinois, and Yale University; for his many contributions to professional publications during this time; and finally for his original and later supplementary papers on the moment distribution method of analyzing indeterminate structures."

Navy Distinguished Public Service awards were recently made to **Lawrence Gould**, president of Carlton College, Northfield, Minn.; **Herbert Wexler** of the United States Weather Bureau; and **Hugh Odishaw** of the National Academy of Sciences. The awards were given to the three civilian scientists for their direction of International Geophysical Year programs.

Vincent dePaul Goubeau, vice president and director of materials of the Radio Corporation of America, recently received the Howard Coonley Medal of the American Standards Association. **William L. Barth**, retired head of the engineering standards section of General Motors Corporation and executive secretary of the standards committee, received the association's Standards Medal. The two gold medals were presented at an award dinner 21 October in conjunction with the Tenth National Conference on Standards.

Arthur Chovnick, assistant director of the biological laboratory of the Long Island Biological Association of Cold Spring Harbor, has been appointed director. He will succeed **M. Demerec** upon the latter's retirement on 1 July 1960.

C. William Besserer and **Floyd E. Nixon** have joined Prentice-Hall, Inc. as coeditors of the Space Technology Series.

Louis G. Henzey has been appointed director of the Leuschner Observatory and chairman of the department of astronomy at the University of California, Berkeley. He succeeds **Otto Struve**, who has taken a leave of absence from the University to serve as director of the National Radio Astronomy Laboratory at Green Bank, W. Va.

John F. Morse has been appointed chief of the student-loan program under the National Defense Education Act. Morse, who will be on leave as vice president of Rensselaer Polytechnic Institute, in Troy, N.Y., succeeds **Peter P. Muirhead**, now director of the financial aid branch of the Office of Education's Division of Higher Education.

Sylvan Wallach, assistant project manager with Gibbs and Cox, Inc., has been named manager of the theoretical department of Associated Nucleonics, Inc., a subsidiary of Stone and Webster Engineering Corporation. He will be responsible for reactor physics, shielding, hazards analyses, and related work performed as part of the company's consulting services in the nuclear field.

The 1958 Wien Award for outstanding contributions to the science of cancer cytology will be presented to **John R. Heller** at a citation dinner to be held 7 November. The award is made annually to the scientist whose work or projects represent "outstanding research in cancer cytology." The award consists of \$1000 cash and a bronze plaque.

Loren Eisely, anthropologist, resigned 16 October as chairman of the department of anthropology at the University of Pennsylvania, to become provost of the university. He will continue as a professor in the department.

The following scientists will receive awards at the 41st National Metal Exposition and Congress of the American Society for Metals, to be held 2-6 November in Chicago.

Rene Perrin, president and board chairman of Ugine Steelworks, France, will receive the Albert Sauveur Award.

John L. Atwood, president of the North American Aviation, Inc., will receive the ASM Medal for the Advancement of Research.

Matthew A. Hunter, dean emeritus of Rensselaer Polytechnic Institute, will receive the 1959 Gold Medal of the ASM.

Recent Deaths

Fred W. Borden, San Francisco, Calif.; 65; inventor of the standard x-ray stereoscope, a device for three-dimensional viewing of x-rays, and the Borden Hemorrhometer, an instrument for continuous measurement of blood lost during surgery; 24 Sept.

Wheeler P. Davey, University Park, Pa.; 73; retired research professor of physics and chemistry at Pennsylvania State College; author of *A Study of Crystal Structure*; 12 Oct.

Nathan L. Drake, Riverdale, Md.; 60; University of Maryland professor of chemistry and chairman of the department; 13 Oct.

Harry D. Kitson, Mishawaka, Ind.; 73; retired professor of psychology, Teachers College, Columbia University, and a specialist in vocational guidance; author of *How to Use Your Mind*; 25 Sept.

Paul Kosok, New York; 63; archeologist and former chairman of the department of history and government at Long Island University; author of *Land, Water, and Life in Ancient Peru*; 4 Oct.

Benno E. Lisher, St. Louis, Mo.; 83; dean emeritus of the Washington University School of Dentistry; 9 Oct.

Julian D. Loudon, Toronto, Canada; 78; retired chief physician at St. Michael's Hospital and author of many medical papers; 16 Oct.

Bela Mittelman, New York; 60; psychoanalyst and research psychiatrist; visiting professor at the Albert Einstein College of Medicine; 4 Oct.

Julia E. Moody, Natick, Mass.; 90; professor emeritus of zoology at Wellesley College; 16 Oct.

Gottfried Neumann, New York, N.Y.; 58; assistant professor of gynecology and obstetrics at New York University-Bellevue Medical Center, and chief of the Sterility Clinic at Bellevue Medical Center; 26 Sept.

Frederick H. Paulson, Warwick, R.I.; 61; former director of the American Society of Civil Engineers; 29 Sept.

Frank P. Shepard Jr., Greenwich, Conn.; 39; assistant professor of pathology at Columbia University; 14 Oct.

Paul Welch, Ann Arbor, Mich.; 77; professor emeritus of zoology at the University of Michigan; noted researcher in entomology and limnology; author of a textbook *Limnology*; 1 Oct.

O. B. Williams, Austin, Texas; 64; chairman of the department of bacteriology at the University of Texas; 23 Sept.