We hear that..

John Bardeen, Walter H. Brattain, Marvin Camras, and **Robley C. Williams** have received 1954 John Scott Medals. Administered by the City Trusts of Philadelphia, the copper medal and premium of $1000 is the outgrowth of an 1816 bequest by chemist John Scott of Edinburgh. The medals, distributed annually "among ingenious men and women who make useful inventions," were awarded to Drs. Bardeen and Brattain for the invention of the transistor, to Dr. Camras for his work in high-frequency bias and magnetic recording, and to Dr. Williams for his invention of a method of depositing thin metal films by thermal evaporation used in mirror coatings for astronomy and in electron microscopy.

Francis L. Bentzen and **Ira W. Noble** have joined the technical staff of the materials testing reactor, operated by Phillips Petroleum Company for the Atomic Energy Commission at the National Reactor Testing Station near Idaho Falls, Idaho. For the previous four years both were with the Sandia Corporation at Albuquerque, New Mexico.

Herbert B. Brooks, retired chief of the electrical instrument section at the National Bureau of Standards, has been elected vice president of the Edison Pioneers, an organization of men who worked with Thomas A. Edison, or who played a part in developing the Edison system of power plants.

John L. Carter, Jr., formerly with the instrument department of the General Electric Measurements Laboratory in West Lynn, Massachusetts, is now a theoretical physicist at the Hanford atomic installation near Richland, Washington.

The Division of Fluid Dynamics of the American Physical Society has elected the following officers: **S. Chandrasekhar,** Yerkes Observatory, chairman; **G. B. Schubauer,** NBS, vice chairman; and **F. N. Frenkiel,** Applied Physics Laboratory, The Johns Hopkins University, secretary-treasurer (he is the retiring chairman). The executive committee of the Division includes: **J. C. Evvard,** Lewis Flight Propulsion Laboratory, NACA; **B. Lewis,** Combustion and Explosive Research Inc.; **H. W. Liepmann,** California Institute of Technology; and **S. A. Schaaf,** University of California at Berkeley.

Francis T. Cole, assistant professor of physics at the State University of Iowa, has been granted a six-months' leave of absence to work with D. W. Kerst at the University of Illinois on orbit stability problems of the proposed high-energy accelerator of the Midwestern Universities Research Association.

Louis Costrell, Forest K. Harris, and **Samuel G. Weissberg,** staff member of the NBS, have been awarded silver medals for meritorious service. Gold medals for exceptional service were awarded to **Irvine C. Gardner, Carl C. Kiess,** and **L. L. Marton.**

W. Kenneth Davis has been appointed director of reactor development for the AEC. Mr. Davis had been deputy director of the division since August 1954 and acting director since the resignation of Lawrence R. Hafstad in January of this year.

Charles A. Domenicali, previously at the Franklin Institute Laboratories, has joined the staff of the Honeywell Research Center at Hopkins, Minnesota, where he will carry on research in semiconductors and in metal physics. He was at the Naval Research Laboratory during the war and has also been chairman of the physics department at Alfred University.

Louis G. Dunn, associate director of the guided missile division of the Ramo-Wooldridge Corporation, has received the Army's highest civilian award, the Certificate of Appreciation, for his work in missile ordnance.

James Franck of the University of Chicago Research Institutes has been awarded the 1955 Rumford medals and premium of the American Academy of Arts and Sciences. The award was made for Professor Franck's work in photosynthesis.

Richard B. Fritz, William H. Roach, Gordon R. Sanborn, and **Otto C. Turchan** have joined the technical staff of Hughes Research and Development, Culver City, California.

Guy E. Grantham, professor of physics at Cornell University, will retire on July 1st after forty-four years of teaching. He has been at Cornell since 1928.

Lee Grodzins is a new staff member of the Brookhaven National Laboratory's physics department.

Elden D. Haller, formerly associated with Beckman Instruments, Inc. of Fullerton, California, has joined the technology and development staff of Arthur H. Thomas Company. Dr. Haller will serve as a consultant in spectroscopy and general analytical instrumentation for the Philadelphia firm.

Rudolf G. E. Hutter has been named manager of the physics laboratory of Sylvania Electric Products Inc., New York. He was formerly manager of the physical electronics branch of the laboratory.

Harold H. Kantner has been promoted to supervisor of mathematical services at Armour Research Foundation. "Mathematical services" includes the Foundation's computer center as well as its operations research work.

L. E. Lighton, vice president in charge of engineering for The Electric Storage Battery Company in Philadelphia, has been named director of the company's new research division.

Herbert M. Meyer, a research metallurgist with Armour Research Foundation for the past three years, has joined the Watertown Arsenal Laboratory staff. Dr. Meyer will serve as head of the metals research branch of the Watertown, Massachusetts, firm.

John L. Need, William J. Roberts, and **Neil B. Schultz** have joined the staff of the Oak Ridge National Laboratory.

P. E. Pashler and **Richard L. Shuey** have been appointed managers of the applied physics and information systems sections, respectively at the General Electric Research Laboratory in Schenectady. Both scientists have been associated with G-E since 1950.

Frank Press, associate professor of geophysics at Columbia University, has been appointed professor of geophysics at California Institute of Technology. He expects to join Caltech's Seismological Laboratory sometime in September.

George L. Royer has been appointed administrative assistant to the general manager of the research division of American Cyanamid Company.

Joseph Silverman has been promoted to the position of the head of the research department, laboratory division, Walter Kidde Nuclear Laboratories, Inc., Garden City, Long Island.

A. Melvin Skellett has been named director of color television tube planning and development for Tung-Sol Electric Inc. in Newark, New Jersey.

Monroe H. Sweet, former Ansco physicist, has announced the formation in Binghamton, N. Y., of an engineering firm specializing in navigation and photometric problems and providing consultation services in the optical, photographic, and aviation fields.

Gordon K. Teal, assistant vice president and former head of the materials and components research department at Texas Instruments Inc., has been appointed head of the company's research division.

Julian H. Webb, associate head of the Kodak Laboratories physics division, has been awarded the 1954 Progress Medal of the Royal Photographic Society of Great Britain. He was cited for his extended and "important series of studies" dealing with the fundamental theory of photographic exposure and the structure of the latent image.

Robert M. Woods has been appointed chairman of the department of physics at Westminster College, New Wilmington, Pennsylvania, to succeed the late James A. Swindler.

Bruno J. Zwolinski, on leave of absence from Stanford Research Institute, is currently assisting in the administration of the National Science Foundation's chemistry program.