We hear that . .

Martin Annis, former assistant professor of physics at Washington University, is presently engaged in cosmic-ray research at the University of Padua's Institute of Physics.

Walter Baade of the Mount Wilson and Palomar Observatories has been awarded the Gold Medal of the Royal Astronomical Society "for his observational work on galactic and extragalactic objects". Dr. Baade's recalibration of Cepheid variable stars in 1952 led to the conclusion that the universe is about twice as large as had previously been supposed.

Robert E. Baker, Richard D. Dodge, Jr., Donald L. King, Charles R. Pearce, Harry C. Stage, Robert L. White, and **Charles H. Wilcox** are new members of the technical staff of the Hughes Research and Development Laboratories, Culver City, California.

Frederick W. Brown, technical director of the Naval Ordnance Test Station at China Lake, has been named director of the Boulder Laboratories of the National Bureau of Standards where he will direct the research, development, and standards programs of the NBS Central Radio Propagation Laboratory and the NBS–AEC Cryogenics Engineering Laboratory; **Ralph J. Slutz** has been appointed assistant chief of the Central Radio Propagation Laboratory. **Irvin H. Fullmer** has been appointed chief of the Bureau's engineering metrology section.

J. W. Buchta, associate dean and head of the physics department at the University of Minnesota, has been appointed executive secretary of the National Science Foundation's Advisory Committee on Government–University Relationships. Professor Buchta will be on leave from Minnesota while serving with the Committee.

Watson Davis, director of Science Service and editor of *Science News Letter,* has been presented with a Bausch & Lomb Award for significant achievement in the field of science education.

Four recently appointed section chiefs in the solid-state physics division of The Franklin Institute Laboratories in Philadelphia are: **Charles A. Domenicali,** semiconduction section; **Alan D. Franklin,** magnetics section; **Frank E. Jaumot,** metal physics section; and **Raymond L. Smith,** metallurgy section. **Dudley D. Fuller,** associate professor of mechanical engineering at Columbia University, has been appointed to the Franklin Institute staff as principal scientist and chief of the friction and lubrication section of the mechanical engineering division.

Robert L. Echols, former consulting physicist for the Applied Physics Laboratories of Johns Hopkins University and one-time head theoretical physicist on the NEPA project, has been appointed chief analyst for International Testing Service at Saginaw, Michigan. Dr. Echols will head work in theoretical research, mathematics, and high-level evaluation.

Henry Eyring, professor of chemistry and dean of the University of Utah Graduate School, delivered the 1954 Edgar Fahs Smith Memorial Lecture last March 18. Dean Eyring discussed "The Kinetics of Processes at Electrodes". The lecture is sponsored jointly by the University of Pennsylvania and the Philadelphia Section of the American Chemical Society.

Richard P. Feynman, professor of theoretical physics at the California Institute of Technology, has been named to receive the Albert Einstein Award, consisting of $15 000 and a gold medal. Established in 1949 by Lewis L. Strauss, chairman of the board of trustees of the Institute for Advanced Study and chairman of the Atomic Energy Commission, the prize is conferred every third year for an outstanding contribution to knowledge in the mathematical and physical sciences. The first award was made in 1951 when it was shared by Julian Schwinger of Harvard and Kurt Godel of the Institute for Advanced Study. Both Feynman and Schwinger were recognized primarily for their significant contributions to the theory of quantum electrodynamics.

Officers for 1954 have been announced by three divisions of the American Physical Society. Executive committee members for the Division of Fluid Dynamics are **F. N. Frenkiel,** chairman; **O. Laporte,** vice-chairman; **J. O. Hirschfelder,** secretary-treasurer; and **W. Bleakney, S. Chandrasekhar, B. Lewis,** and **H. W. Liepmann.** New officers for the Division of High-Polymer Physics are **J. D. Ferry,** chairman; **R. S. Marvin,** vice-chairman; and **W. J. Lyons,** secretary-treasurer. **H. F. Mark** and Dr. Lyons were elected to three-year terms on the executive committee. New officers of the Division of Electron Physics are **G. E. Moore,** chairman; **R. L. Sproull,** vice-chairman; and **H. D. Hagstrum,** secretary-treasurer.

Charles L. Gould and **Harvey J. Thomas** are new members of the cosmotron department at the Brookhaven National Laboratory.

Donald J. Hughes has been lecturing at the Clarendon Laboratory, Parks Row, Oxford under a Fulbright fellowship and is now at the Cavendish Laboratory in Cambridge, England.

I. B. Johns, assistant director of Monsanto Chemical Company's central research department in Dayton, Ohio, has been appointed "senior scientist", a position created by the Company to recognize outstanding technical accomplishment. Dr. Johns is now located at Monsanto's research laboratories at Everett, Massachusetts.

Harry Jones, of the department of mathematics at the Imperial College in London, has been a lecturer in solid state physics at Carnegie Institute of Technology for the spring semester.

Kenneth H. Kingdon, until recently manager of the technical department of the Knolls Atomic Power Laboratory, has been appointed manager of the new nucleonics and radiation section of the General Electric Research Laboratory in Schenectady. G-E also announced that **Ernest E. Charlton** has been appointed consultant on radiation to the section, which combines the nuclear physics and the x-ray sections.

Ralph A. Lamm has been appointed technical director of the Naval Ordnance Laboratory, Corona, California, succeeding **R. D. Huntoon,** who is now associate director for physics at the National Bureau of Standards in Wash-

ington. Other promotions at NOL-Corona include the designation of four division chiefs: **H. K. Skramstad,** missile systems division; **F. S. Atchison,** physical science divsion; **H. A. Thomas,** fuze division; and **G. R. Sams,** missile evaluation division. The new Naval Ordnance Laboratory was formed last fall by transfer of the Corona Laboratories of the National Bureau of Standards to the Navy Bureau of Ordnance.

R. B. Lindsay, chairman of the physics department at Brown University in Providence, Rhode Island, has been named dean of the graduate school, effective July 1. Dr. Lindsay is Hazard Professor of Physics and director of the ultrasonic laboratory at Brown.

N. F. Mott, Henry Overton Wills Professor of Physics and director of the Henry Herbert Wills Physical Laboratories at Bristol University in England, has succeeded Sir Lawrence Bragg as Cavendish Professor of Experimental Physics at Cambridge. Sir Lawrence is now director of the Royal Institution.

W. Albert Noyes, Jr., chairman of the University of Rochester's department of chemistry, has been selected as the 1954 winner of the American Chemical Society's Priestley Medal. Professor Noyes, editor of the *Journal of the American Chemical Society* and the *Journal of Physical Chemistry,* will be presented with the medal at the Society's national meeting in New York City next September.

Morris F. Osborne, from the University of North Carolina, and **Robert W. Peelle,** from Princeton University, have joined the staff of the Oak Ridge National Laboratory.

John R. Pellam and **Lauriston S. Taylor,** both at NBS, were recently given awards in recognition of their scientific work. Dr. Pellam received the Junior Chamber of Commerce Arthur S. Flemming Award and the National Academy of Science Award in recognition of original research on the behavior of helium cooled to within a fraction of a degree of absolute zero. Dr. Taylor was presented with the Henry Harrington Janeway Award, given annually by the American Radium Society "for outstanding accomplishments in the field of applications of penetrating radiations in medical practice".

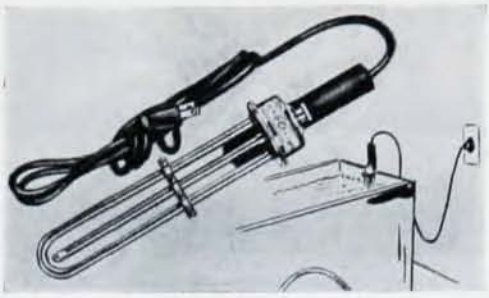
John S. Rinehart, research physicist, U. S. Naval Ordnance Test Station, China Lake, California, is spending a year or more under Navy auspices in England and on the Continent. He is studying and lecturing on the behavior of materials under impulsive loads.

William Shockley, research physicist at the Bell Telephone Laboratories, is teaching a graduate course in solid state physics at the California Institute of Technology this term. He has also delivered a series of lectures at Caltech on fundamental energy band problems in semiconductors.

Richard M. Sutton, head of the department of physics at Haverford College, has been appointed lecturer in physics at Columbia University for the 1954 summer session.

G. R. Tatum has been named general manager of Vitro Laboratories, a division of the Vitro Corporation of America. Dr. Tatum has been with Vitro since 1948 when he established and was appointed director of the Silver Spring Laboratory. Previously, he had been associate director of the Applied Physics Laboratory of Johns Hopkins for three years.

EXCEPTIONAL OFFERINGS



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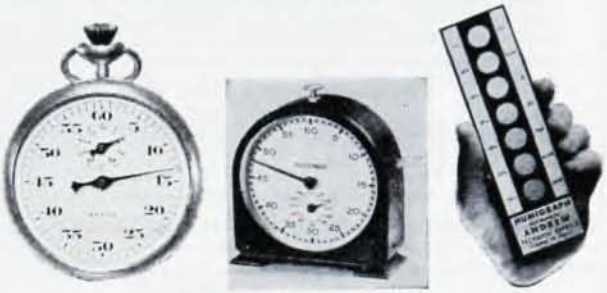
60	25	20	$24.00



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