



John M. Blatt of the University of Sydney will spend the first term of the coming academic year at Princeton University as **Eugene Higgins** Visiting Professor of Mathematical Physics. **Igal Talmi** of the Weizmann Institute of Science, Rehovoth, Israel, will spend the entire 1956-57 academic year in Princeton as visiting associate professor of physics.

Howard W. Boehmer, formerly head of the system analysis and evaluation group at the Lincoln Laboratory of Massachusetts Institute of Technology, has been appointed chief engineer of Hycon Eastern, Inc., Cambridge, Mass.

John W. Buttrey has been promoted to supervisor of the physics of solids section and **Guy T. Sanders** has been named supervisor of the noise and vibration control section at Armour Research Foundation, Illinois Institute of Technology. **Harold C. Miller**, in charge of magnetic recording studies at the Foundation and a specialist in high-pressure research, was awarded a citation and plaque on May 23rd by the Industrial Diamond Association of America for service to the diamond industry.

Frank R. Caldwell has been named head of the combustion controls section of the mechanics division at the National Bureau of Standards.

John H. Carter, former chief of the Air Force's guided missile section at Wright Air Development Center, has been appointed associate research director of Lockheed Aircraft Corporation's Missile Systems division. Others who have joined the physics staff are **Robert W. Bagley**, **Michael E. Browne**, **Alexander Dessler**, **Edison Greer**, **Clarence F. Kooi**, **Mendel Sachs**, **Victor Vali**, and **Calvin H. Wilcox**.

Jule G. Charney of the Institute for Advanced Study and **Clifford G. Shull** of Brookhaven National Laboratory have been appointed full professors at the Massachusetts Institute of Technology.

The following have joined the staff of Hughes Aircraft Company, Culver City, California: **Arnold Cohen**, **James K. Dunlap**, **Ralph A. Freeman**, **Richard M. Jaffe**, **S. J. Klapman**, **Jack Kliger**, **James T. Morgan**, **William J. Pegg**, **John B. Rust**, **Don E. Self**, **Carl S. Seybold, Jr.**, **J. Boyd Williams**, **James P. Wright**, and **James H. Wyman**.

Howard S. Coleman has been appointed manager of the research and engineering division of Bausch & Lomb Optical Co., Rochester, N. Y.

E. U. Condon, most recently visiting professor of physics at the University of Pennsylvania, will become

professor and chairman of the physics department at Washington University, St. Louis, Mo., effective September 1. Two other additions to the physics staff are **Michael W. Friedlander** of the University of Bristol, England, and **Edward B. D. Lambe** from Princeton.

Herman P. Deinken, **Homer E. Gilbert**, and **Edward A. Kmetko** have joined the physics staff of Los Alamos Scientific Laboratory.

Bryce S. DeWitt and **Cecile M. DeWitt**, formerly of the University of California, have joined the physics department at the University of North Carolina, Chapel Hill, to take charge of a project recently established to foster studies on the role of gravitation in physical theory.

Lee A. DuBridge, president of the California Institute of Technology, has been elected a member of the Board of Trustees of The Rockefeller Foundation.

Robert B. Duffield, associate professor of chemistry and physics at the University of Illinois, will head the chemistry program of the General Atomic Division laboratory of the General Dynamics Corporation, and **Lothar W. Nordheim**, professor of physics at Duke University, has joined the division's theoretical physics staff. General Atomic, now located in temporary quarters leased from the city of San Diego, is planning to build a permanent, campus-type laboratory on mesa land at the northern limits of the city.

Ugo Fano, chief of the nuclear physics section of the National Bureau of Standards, has been granted a Rockefeller Public Service Award which will allow him to complete a book on quantum physics for nonphysicists and to accept an invitation to spend the next academic year lecturing at the University of Rome.

Rudolf Frerichs, former professor of experimental physics at the Technical University, Berlin-Charlottenburg, Germany, has been appointed professor of electrical engineering at Northwestern University, Evanston, Ill.

Edward E. Gross, formerly with the University of California Radiation Laboratory in Berkeley, and **Lewis E. Stanford**, formerly with the General Electric Co. in Oak Ridge, have joined the staff of the Oak Ridge National Laboratory.

Joseph E. Henderson, professor of physics and director of the Applied Physics Laboratory at the University of Washington, Seattle, has been awarded an honorary doctor of science degree by the College of Wooster, from which he received his bachelor's degree in 1922.

Richard A. Kane, formerly of Raytheon Manufacturing Co., Waltham, Mass., will join the physics department of Wayne University in Detroit next September.

Mervin J. Kelly, president of Bell Telephone Laboratories, has been elected to the board of directors of the Bausch & Lomb Optical Co., Rochester, N. Y.

Victor K. La Mer, professor of chemistry at Columbia University and editor of the *Journal of Colloid Science*, has been elected to membership in the Royal Danish Academy of Science and Letters.

David B. Langmuir has been appointed director of The Ramo-Wooldridge Corporation's Electronic Research Laboratory in Los Angeles. Ralph P. Johnson, vice president of research and development at Ramo-Wooldridge, has been elected to the firm's board of directors.

George E. Pake, former head of the physics department at Washington University of St. Louis, and Sidney D. Drell, currently at Massachusetts Institute of Technology, have accepted appointments in Stanford University's physics department. Pake will succeed W. E. Lamb, Jr., 1955 Nobel Prize winner in physics at Stanford, who has accepted the chair of theoretical physics at Oxford University in England.

Joseph B. Platt, associate chairman of the University of Rochester physics department, has been appointed president of Harvey Mudd College, Claremont, Calif., effective next September. The new college of science and engineering, incorporated last December, will enroll its first class in September 1957.

W. R. Rhoads, chief staff engineer of Lockheed Aircraft's Georgia Division at Marietta, has been appointed director of the nuclear aircraft test laboratories to be operated for the US Air Force by Lockheed near Dawsonville, Ga.

Leonard S. Sheingold has been named manager of the new applied research laboratory formed as part of the Waltham (Mass.) Laboratories of Sylvania Electric Products Inc. Robert Lucy and Julian Keilson have joined the staff of the new laboratory. Henry T. Minden has joined Sylvania's research laboratories in Bayside, N. Y.

Lloyd P. Smith, formerly chairman of Cornell University's department of physics, has joined Avco Manufacturing Corporation as president of the research and advanced development division and vice president of the parent company.

William P. Staker has left the engineering research staff of Standard Oil Co. (Ind.) to join the physics section of the reactor development division of Combustion Engineering Inc., Windsor, Conn.

K. H. Sun has been promoted to advisory engineer in charge of the Radiation and Nucleonics Laboratory of the Westinghouse Electric Corp., Pittsburgh.

Dorothy W. Weeks, after 26 years on the faculty of Wilson College, Chambersburg, Pa., has joined the physics staff of the Ordnance Materials Research Office at the Watertown Arsenal in Massachusetts.

Van Zandt Williams, a vice president and director of The Perkin-Elmer Corp., Norwalk, Conn., has been named general manager of the company's newly formed Instrument Division. Perkin-Elmer has also announced that Roderic M. Scott, former director of the Projector Division, has been elected vice president in charge of the company's new Engineering and Optical Division and that Carlton W. Miller, who has been director of engineering since 1955, has been named assistant general manager of the division.

BASIC RESEARCH at los alamos



ABOVE: DR. KEITH BOYER IS SEEN OBSERVING A BEAM OF LOW ENERGY NITROGEN IONS.

The cyclotron shown above is one of the many types of advanced research equipment in use at Los Alamos. This variable energy machine is designed to accelerate high intensity beams of all the hydrogen and helium isotopes.

The Laboratory offers a wide range of opportunities to do research and development work in the fields of Physics, Chemistry, Metallurgy, Mathematics, Computing and Engineering.

If you are interested in learning more about career opportunities at Los Alamos, write—

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