
We hear that...

John R. Asbridge, Bertrand K. Harrison, Ralph A. Nobles, and Robert T. Wagner have joined the staff of the Los Alamos Scientific Laboratory.

Val J. Ashby, who for the past six years has been an experimental nuclear physicist at the Lawrence Radiation Laboratory, Livermore, Calif., has joined the Systems Technology Division of Ramo-Wooldridge in Los Angeles.

Asim Barut has been promoted to the rank of associate professor of physics at Syracuse University, Syracuse, N. Y.

Samuel B. Batdorf, who has been on leave of absence from Lockheed Aircraft Corporation for the past year and a half while serving with the government's Advanced Research Project Agency, has rejoined Lockheed and has been appointed director of research at the firm's Electronics and Avionics Division in Los Angeles.

Hans Bichsel, formerly at the University of Washington, **Gaetano Riccobono** from the University of Chicago, and **W. K. R. Watson** from the California Institute of Technology have been named assistant professors of physics at the University of Southern California.

George S. Cherniak has been appointed director of flight test operations for Space Technology Laboratories, Inc., at the Patrick Air Force Base in Florida. **Robert E. Payne** has been named to succeed Dr. Cherniak as head of the firm's Atlas project office at Cape Canaveral.

Richard P. Feynman has been named Richard Chace Tolman professor of theoretical physics at the California Institute of Technology in Pasadena. The newly created chair honors the late Richard Tolman, statesman of science and for many years dean of graduate studies at Caltech, whose death in 1948 interrupted a long and productive career in theoretical physics and chemistry.

A. Heinz Frei from the Institute of Advanced Electrical Engineering in Zurich and **Charles C. Peterson** from Cornell University have joined the staff of RCA's David Sarnoff Research Center in Princeton, N. J.

Irvine C. Gardner, chief of the Optics and Metrology Division at the National Bureau of Standards since 1950, retired on July 8 after nearly 40 years of service with the Bureau. **Richard Nettleton** from The Rice Institute has joined NBS Mineral Products Division.

Sherwood Githens, who has been director of the Internal Research Division of the Army's Office of Ordnance Research in Durham, N. C., has been named deputy chief scientist of OOR.

W. W. Grigorieff, who has been on leave of absence from the Oak Ridge Institute of Nuclear Studies during the past year while serving with the Exchange and Training

Division of the International Atomic Energy Agency in Vienna, has returned to his position as chairman of the ORINS University Relations Division in Oak Ridge, Tenn.

Morton Hamermesh has been appointed director of the Physics Division at the Argonne National Laboratory, Lemont, Ill. **Harry H. Hummel** and **W. Charles Redman** of Argonne's Reactor Engineering Division have been appointed to the rank of senior physicist.

Saul J. Harris, formerly with Atomic Industrial Forum Inc. and the New York State Department of Labor, has been appointed technical director of Atomic Accessories, Inc., Bellerose, N. Y.

Kenneth H. Kingdon, for the past 39 years a member of the staff of the General Electric Research Laboratory in Schenectady, N. Y., and manager of the Laboratory's Project Analysis Section since 1954, has retired. He is succeeded in his managerial position by **Leslie G. Cook**, who has been with G. E. since 1956.

William C. Knopf, formerly assistant director of research at International Minerals and Chemical Corporation, has been named technical director of the USI Technical Center, Pompano Beach, Fla., the research and development division of US Industries, Inc.

Ernest A. Lynton is currently on leave from the Department of Physics at Rutgers University, New Brunswick, N. J., and is spending the year at the Institut Fourier of the University of Grenoble.

Carl R. Malmstrom, formerly with the Rheem Manufacturing Company, has been named assistant general manager of Aerojet-General Nucleonics, San Ramon, Calif. **Hubert P. Yockey**, formerly at the Oak Ridge National Laboratory, has joined Aerojet as assistant technical director.

Alfred E. Martin, formerly with Sylvania Research Laboratories and more recently a technical editor with McGraw-Hill Book Company, has been appointed to the newly created post of director of training at Polarad Electronics Corporation, Long Island City, N. Y., where he will be in charge of the firm's internal graduate engineering training program.

Charles D. Moak of the Oak Ridge National Laboratory's Physics Division left on June 1 to fulfill a one-year assignment at the Atomic Energy Research Establishment in Harwell, England.

Robert J. Romagnoli and **Earl F. Zwicker** have been promoted to the rank of assistant professor of physics at the Illinois Institute of Technology in Chicago.

Louis Rosenblum, formerly director of the Matrix Division of Photon, Inc., has been appointed as a senior member of the operations research staff of Technical Operations, Inc., Burlington, Mass.

Azriel Rosenfeld, principal engineer at the Ford Instrument Company, has joined the Lewyt Manufacturing Corporation as a staff consultant. He will continue to serve as visiting assistant professor in the Graduate School of Mathematical Sciences at Yeshiva University.

Earl L. Steele, until recently with Motorola, Inc., has been appointed assistant manager of the Development Lab-

oratory in Hughes Aircraft Company's Products Group in Newport Beach, Calif. **George C. Messenger**, formerly of the Philco Corporation, has been named to head the Group's Device Electronics Department, and **Michael Waldner** has left his position with the General Electric Company to join the Group's Device Research Department. **Max T. Weiss** from the Bell Telephone Laboratories has joined the Electronics Research Department of Hughes' Microwave Laboratory in Culver City, Calif.

The following physicists have joined the staff of General Atomic's **John Jay Hopkins Laboratory** in San Diego: **Hugh B. Stewart**, formerly of General Electric Knolls Atomic Power Laboratory, who will head the physics program of the High-Temperature Gas-Cooled Reactor Project; **Nicholas A. Krall** from Cornell University, **Howard R. Kratz** from the GE Research Laboratory, and **William E. Drummond** from the AVCO Research Laboratory, who are members of a group conducting feasibility studies of nuclear space vehicle propulsion; **Joseph H. Apfel**, formerly of the University of California, and **Donald P. Snowden** of the Bell Telephone Laboratories, who are currently engaged in oil research; and **E. Gordon Wikner** of Northwestern University and the University of California and **Samuel W. Kurnick** from the University of Chicago's Midway Laboratories, who have joined the Experimental Physics Department.

John M. Watkins, Jr., has been promoted to the position of senior supervisor in the Research and Development Division of the Polychemicals Department at the Du Pont Company's Experimental Station in Wilmington, Del. **William G. Simeral** has been transferred from the Experimental Station to Du Pont's Washington Laboratory in Parkersburg, W. Va., where he will direct work on certain of the firm's new plastics.

Warren Weaver, after having spent more than 27 years with the Rockefeller Foundation as vice president for the natural and medical sciences, has retired from that post and has been appointed vice president of the Alfred P. Sloan Foundation, where he will continue to be concerned with matters involving research in the medical and other sciences.

Gabriel Weinreich of the Bell Telephone Laboratories has been appointed visiting associate professor of physics at the University of Michigan in Ann Arbor for the 1959-60 academic year. **Clifford T. Coffin**, formerly at the Columbia University Nevis Cyclotron Laboratory, and **Irwin Goldberg** from the Brookhaven National Laboratory have joined the physics faculty at Michigan as assistant professors. **W. Wallace McCormick**, associate professor of physics at Michigan, was presented with a Distinguished Service Alumni Award from Geneva College, Beaver Falls, Pa., on May 30.

Mark Zemansky, professor of physics at the College of the City of New York and chairman for the past three years of the CCNY Department of Physics, has stepped down from the latter post in order to devote more of his time to research. His successor as chairman of the department is **Henry Semat**, who has been professor of physics at CCNY since 1951 and has been associated with the College for more than thirty years.

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