



Rufard G. Alsmiller, Jr., Richard L. Becker, and Thomas K. Fowler have joined the staff of Oak Ridge National Laboratory.

The following have joined the staff of Midwestern Universities Research Association, Madison, Wisc.: **Leon T. Anderson**, **Rudolph H. Bieri**, **Richard Christian**, **Lawrence H. Johnston** (part time), and **Melvin Storm**.

Margaret C. Arst, formerly with the K. von Karajan Co. of Austria, has joined the research and development staff of Hoffman Semiconductor Division of Hoffman Electronics Corp., Evanston, Ill.

The following physicists have recently joined the staff of Los Alamos Scientific Laboratory: **Don A. Baker**, **John Marshall, Jr.**, and **Warren E. Quinn** (Physics Division); **Werner B. Riesenfeld** and **Martha J. Stickle** (Theoretical Division); and **Bobby G. Craig** and **John W. Taylor** (GMX Division).

Norris H. Barbre has been named technical director of Hanley Co., Pittsburgh, Pa. and advisory fellow to Hanley's fellowship at the Mellon Institute.

The following physicists have joined the Experimental Physics Department at the University of California Radiation Laboratory in Livermore: **William L. Barr**, **Wallace F. Dale**, **Robert E. Donaldson**, **Stanley C. Freden**, **H. Brook Knowles, Jr.**, **Alex Lorenz**, **George Maenchen**, **Gordon V. Pefley**, **Ralph E. Pixley**, **Elias Reisman**, **Joseph T. Sparks**, and **Frederick O. Wooten**.

The following have recently joined the Physics Department at Brookhaven National Laboratory: **Saul Barshay**, **Maurice R. Jacob**, **Mortimer I. Kay**, **Shimon Ofer**, **Eugene T. Patronis**, **Jack Sandweiss**, and **Gian Carlo Wick**.

David Cohen, formerly associated with the University of Rochester, has joined the Particle Accelerator Division at Argonne National Laboratory, Lemont, Ill. **Juergen W. Heberle**, formerly with the Yale University Physics Department, has joined Argonne's Physics Division.

Marshall C. Harrington has been named head of the Fluid Dynamics Branch in the Hydromechanics Laboratory of the David Taylor Model Basin, Washington, D. C., succeeding **Morris S. Macovsky**, who has resigned to accept a consulting position in systems engineering with the Westinghouse Electric Corp. in Sunnyvale, Calif.

Charles M. Herzfeld has been appointed chief of the Heat Division at the National Bureau of Standards in Washington, D. C. **John E. Crew** has joined the X-Ray Section of the Atomic and Radiation Physics Division and **Arthur W. Ruff, Jr.**, has joined the Metal Physics Section of the Bureau's Metallurgy Division.

Wendell Horning, formerly with the Ramo-Wooldridge Corp., has been named group leader of the Theoretical Neutron Physics Group at Atomics International, Canoga Park, Calif.

A. Raymond Jordan, formerly head of the Physics Division at the Denver Research Institute of the University of Denver, has been appointed dean of the Graduate School at the Colorado School of Mines in Golden.

Geoffrey Keller has been appointed program director for astronomy in the National Science Foundation's Division of Mathematical, Physical, and Engineering Sciences. **Walter J. Peterson** has been named program director for special projects in science education in the Foundation's Division of Scientific Personnel and Education.

Carl C. Kiess retired from the National Bureau of Standards on October 31 after forty years of service. In 1955 Dr. Kiess received the Commerce Department's Exceptional Service Award for outstanding scientific research in spectroscopy through the discovery of atomic energy levels of the highly complex atoms, for precision measurement of wavelength, and for basic contributions to astrophysics.

Duane V. Kniebes has been promoted to assistant research director at the Institute of Gas Technology of Illinois Institute of Technology in Chicago.

Joseph M. Lambert has been appointed assistant to the director of the Pittsburgh Plate Glass Co.'s research laboratory in Creighton, Pa.

Kenneth G. McKay has been named director of development work in solid-state devices at Bell Telephone Laboratories.

John S. Mathis has been appointed assistant professor in the Department of Physics and Astronomy at Michigan State University in East Lansing, where he will teach and do research in astrophysics.

Alan S. Meltzer, formerly with the Smithsonian Astrophysical Observatory, and **E. John Winhold**, of the University of Pennsylvania, have been appointed assistant professors of physics at Rensselaer Polytechnic Institute, Troy, N. Y.

Arthur S. Nowick and **Allen Lurio**, formerly of Yale University, **Arthur H. Nethercot** of Columbia University, and **Thomas Morgan**, formerly at the University of Illinois, have joined the staff of the IBM Watson Scientific Computing Laboratory at Columbia University in New York City.

Kenneth H. Olsen and **Harlan E. Anderson**, until recently members of the MIT Lincoln Laboratory, are president and vice president, respectively, of the newly formed Digital Equipment Corp., Maynard, Mass., which will provide specialized equipment for the computer industry.

T. J. Parmley has been named head of the Department of Physics at the University of Utah in Salt Lake City. Dr. Parmley is also serving as radiological chief for the State of Utah's Civil Defense program.

John R. Schrieffer has recently been appointed assistant professor in the University of Chicago Department of Physics and the University's Institute for the Study of Metals. He will spend the coming year at the University

of Birmingham, England, under a National Science Foundation postdoctoral fellowship.

Ariel G. Schrodt, until recently engaged in radioactive fallout studies at the Walter Reed Army Institute of Research, has joined the Technical Division of Nuclear-Chicago Corp., Chicago, Ill., as a research physicist.

Anatole M. Shapiro, currently at Harvard University, will join the Department of Physics at Brown University, Providence, R. I., in January, with the rank of associate professor. **Alvin M. Saperstein** has joined the Department as a research associate. **Kurt Lücke**, professor of physics at Brown, is spending the 1957-58 academic year at the University of Aachen, West Germany.

S. F. Singer of the University of Maryland Department of Physics has been nominated to receive a US Junior Chamber of Commerce "Ten Outstanding Young Men" award. The award will be presented at a banquet in Phoenix on January 18th.

Harold L. Stolov, assistant professor of physics at Douglass College, Rutgers University, is on leave of absence at The Martin Co. in Baltimore, Md., during the International Geophysical Year.

Hugh Stott Taylor, dean of the Graduate School at Princeton University, has been awarded the Franklin Medal of the Franklin Institute "In recognition of his many notable contributions to the science of physical chemistry". **Sir Robert A. Watson-Watt** of Toronto, Canada, was awarded the Institute's Elliott Cresson Medal "For his conception of pulsed radar". Both medals were presented at the Institute's annual Medal Day ceremonies held October 16 in Philadelphia, Pa.

William Tobocman, who has been in England during the past academic year as a National Science Foundation fellow at the University of Birmingham, has been appointed assistant professor of physics at Rice Institute, Houston, Tex. He will be a member of the group which will construct a new electronic computer based on the design of the MANIAC II recently completed at Los Alamos Scientific Laboratory.

George E. Valley, Jr., associate director of the Massachusetts Institute of Technology's Lincoln Laboratory, has been named chief scientist of the US Air Force, succeeding **Courtland D. Perkins**, who has returned to Princeton University as chairman of the Aeronautical Engineering Department.

Lester C. Van Atta, formerly associate director of the research laboratories at Hughes Aircraft Co., Culver City, Calif., has been named head of technical information and education at Hughes.

Alan T. Wager has been named chairman of the newly created Department of Physics in the College of Liberal Arts at Arizona State College in Tempe. Other members of the Department include **Ben R. Gossick**, **Clement J. Kevane**, **Arnold G. Meister**, and **Clifford M. Schroeder**. Professors Gossick and Kevane are chief investigators for high-temperature projects requiring the use of the Department's 60-inch solar furnace.

Tien-Chuan Wang, formerly a staff member of the Columbia University Radiation Laboratory, has joined the Advanced Research Division of Arthur D. Little, Inc., Cambridge, Mass.

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