

WE HEAR THAT

Clarke Williams, chairman of the Nuclear Engineering Department at Brookhaven National Laboratory, has been appointed deputy director of the Laboratory, replacing **Gerald F. Tape**, who was recently elected a vice president of Associated Universities, Inc., the nonprofit corporation which operates Brookhaven under contract with the Atomic Energy Commission. **Charles E. Falk**, who has been an assistant director of the Laboratory since last summer, has been appointed associate director with responsibility in the area of programs, plans, and budgets. He will continue to assist the director and the deputy director in other matters affecting the Laboratory's work, with special emphasis on the scientific program. **G. Norris Glascoe** has been appointed an assistant director of the Laboratory, with principal responsibility in the area of technical services. Dr. Glascoe was previously associate chairman of the Brookhaven Physics Department.

Vincent E. Parker is currently on a one-year leave of absence as head of the Department of Physics and Astronomy at Louisiana State University while serving in the newly established post of deputy director of the Oak Ridge Institute of Nuclear Studies.

Joel W. Chastain, Jr., has been named assistant manager of the Department of Physics and **David A. Dingee** has been appointed chief of reactor physics at Battelle Memorial Institute in Columbus, Ohio. **Arthur S. Fink** has left Battelle to join the research staff of Petrolite Corp. in St. Louis, where he is in charge of new product development in the wax research group.

New staff members of the Materials Research Laboratory at RCA's David Sarnoff Research Center in Princeton include **Leon J. Vieland**, formerly of the RCA Semiconductor and Materials Division in Somerville, N. J., and two solid-state physicists from Switzerland, **Manuel Cardona** from the staff of the RCA Laboratories in Zurich and **Edgar F. Steigmeier**, formerly of the Brown Boveri Corp. in Baden.

Howard L. Ashmead, formerly of the physics staff of the Dow Chemical Company, has joined the Research Department of F & M Scientific Corp., Avondale, Pa.

Walter B. Chadwick, head of the Radio Prediction Services Section at the Boulder Laboratories of the National Bureau of Standards, has succeeded **Alan H. Shapley** as chief of the Central Radio Propagation Laboratory's Liaison and Program Development Office. Dr. Shapley is currently at the University College of Wales while working on plans for the "International Year of the Quiet Sun." **Virginia Lincoln**, chief of the Division's Radio Warning Services Section, has been named acting chief of Dr. Chadwick's section and is responsible for the coordination of both groups in the Ionospheric Research and Propagation Division. In

Washington, D. C., the Bureau has announced that **William R. Dodge** has joined the High-Energy Radiation Section, where he is planning experiments for the new NBS linear electron accelerator to be located in the Bureau's Gaithersburg laboratories. **Donald T. Farley**, another recent addition to the NBS staff, is currently at work at the Jicamarca Radio Observatory near Lima, Peru, which is operated as part of the Bureau's Central Radio Propagation Laboratory.

John W. Abrams, who for the past three years has served as chief operational analyst at Supreme Headquarters, Allied Powers, Europe, has returned to the Canadian Defence Research Board in Ottawa as chief of operational research.

Recent appointments in the Plasma Physics Laboratory of the Boeing Scientific Research Laboratories in Seattle, Washington, have included those of **Betsy Ancker-Johnson**, formerly of the RCA Laboratories in Princeton, **Marian W. J. Gunther** from the Institute for Advanced Study, **Leo C. Levitt** of Hughes Research Laboratories, and **Paul E. Boynton**, a recent graduate of Wesleyan University. **Ryszard Gajewski** has returned to the Institute for Nuclear Studies in Warsaw, Poland, after spending six months at Boeing as a visiting staff member. **Øivin Holter**, of the University of Bergen in Norway, has been appointed a visiting staff member for one year.

Ellis A. Johnson, formerly director of the Johns Hopkins Operations Research Office, has been appointed professor of management at the Case Institute of Technology in Cleveland.

Thomas J. Killian has accepted an appointment at Seattle University as assistant to the president in science and engineering. He was previously deputy chief and chief scientist of the Office of Naval Research.

Otto Heinz, on leave from the Department of Chemical Physics at Stanford Research Institute, has joined the faculty of the US Naval Postgraduate School in Monterey, Calif., as associate professor of physics.

Winston E. Kock has been appointed to the new post of director of research of the Bendix Corporation in Detroit, Mich. Dr. Kock was formerly director and general manager of the Bendix Research Laboratories Division.

Howard C. Nedderman has been named director of research at General Dynamics/Electronics in Rochester, N. Y., succeeding **Nisson A. Finkelstein** who was recently appointed vice president for research and engineering. **Frank H. Slaymaker**, formerly associate director of research for the firm, is now executive assistant for research and engineering planning and coordination.

American Physical Society members recently appointed to the Scientific Advisory Committee of the State of North Carolina are: Willard H. Bennett, Bryce S. DeWitt, Paul Gross, Harold W. Lewis, Arthur C. Menius, Jr., Raymond L. Murray, Henry W. Newson, Everett D. Palmatier, Lawrence Slifkin, and Oscar K. Rice.

Lee C. Teng, a member of the staff at Argonne National Laboratory since 1955, has been named director of the Laboratory's Particle Accelerator Division. He succeeds Albert V. Crewe, whose appointment as director of the Laboratory was announced last year. Robert C. Doerner, a physicist in Argonne's Reactor Engineering Division, is spending six months as a visiting associate professor at Cornell University in Ithaca, N. Y., temporarily replacing David D. Clark, who is spending his sabbatical leave at the laboratory of Euratom in Ispra, Italy.

Charles M. Judson has joined Consolidated Electrodynamics Corp. of Pasadena, Calif., a subsidiary of Bell & Howell Co., as chief of the firm's newly created Advanced Analytical Development Section. Dr. Judson has been manager of the Chemical Physics Section of American Cyanamid Company's Stamford Laboratories.

Robert Lloyd Hoover has joined North American Aviation's Space and Information Systems Division, where he is working on the Apollo Project which the firm is conducting under contract with the National Aeronautics and Space Administration. He was formerly with North American's Rocketdyne Division.

The Astro Research Corporation in Santa Barbara, Calif., has announced the appointment of Robert M. Witucki as director of research. Dr. Witucki was previously associated with the Hoffman Electronics Corp.

Marvin Schweiger, formerly of the United Aircraft Research Laboratories, has been named vice president of research and development for the Bowles Engineering Corp. in Silver Spring, Md., where he will direct BEC's advanced program in pure fluid systems.

The Lamp Division of Westinghouse Electric Corp. in Bloomfield, N. J., has announced that F. Ivey, formerly manager of the Phosphor Section, has been named to serve as a research and engineering consultant to the Division. His successor is William A. McAllister, who was previously a senior research engineer on the Westinghouse staff.

James W. Easley has been named director of the Sandia Corporation's recently formed Radiation Physics Organization at Albuquerque, N. M. Dr. Easley, who was previously manager of Sandia's Radiation Effects Department, is in charge of the organization's one-year-old pulsed reactor, as well as of a new 5-megawatt reactor which is expected to become operational later this year.

Gerald E. Tauber has been promoted to professor of physics at Western Reserve University.

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Our Radiation Effects Department at the Space Guidance Center is concerned with evaluating the effects of the nuclear environment to be encountered in advanced weapons systems design. The group has need for a person to analyze the effects of nuclear radiation on semiconductor and dielectric devices. This person should have knowledge of the behavior of electronic components in terms of the properties of the materials used in their fabrication.

A background in mathematical analysis of device operation is necessary. A solid-state physicist with a Ph.D. Degree or equivalent, with experience in electronic device development—or an engineering physicist with a knowledge of device theory—will qualify.

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