



Samuel H. Anderson, research consultant to the director of Evans Signal Laboratory, Fort Monmouth, N. J., retired late in August after 24 years of service as a Signal Corps physicist. Dr. Anderson came to the Signal Corps Engineering Laboratories in 1930 and since that time has served successively as chief of the sound and light section, chief technical advisor to the laboratories in the Watson Area, chief of the Evans technical staff, chief of the engineering branch, branch chief of applied physics at the Evans Laboratory, and finally as research consultant to the director.

Lyle Borst, professor of physics at the University of Utah since 1951, has accepted an appointment as chairman of the department of physics at New York University's College of Engineering. Before going to Utah Dr. Borst was chairman of the department of reactor science and engineering at Brookhaven National Laboratory. He succeeds **Yardley Beers**, who has been serving as acting chairman of the physics department and who will continue on the faculty.

Recent appointments to the staff of Oak Ridge National Laboratory include **Henry G. Blosser**, **George W. Charles**, **Hans O. Cohn**, **Aaron I. Galonsky**, **Alfred E. Glassgold**, **Walter F. Mruk**, **Harold C. Schweinler, Jr.**, **Gayle B. Wadsworth**, and **Monroe S. Wechsler**. Carbide and Carbon Chemicals Company, operator of ORNL, has also announced that **Julian F. Been** and **Harry S. Corey, III**, have joined the Y-12 Plant staff and that **Whitney L. Cochran**, **William T. Collins**, and **Edward C. Denny** have joined the staff of the Gaseous Diffusion Plant.

Oak Ridge National Laboratory has also announced the following personnel changes: **R. A. Charpie** has been appointed assistant research director for the educational, health physics, and metallurgy divisions, and the mathematics panel; **G. E. Boyd**, associate director of the chemistry division, has become assistant research director for chemical sciences, which includes the solid state division; and **S. C. Lind**, acting director of the chemistry division, has been named senior advisor to that division.

Glen T. Clayton, formerly physics instructor at the University of Arkansas, has been appointed assistant professor of physics, William Jewell College, Liberty, Missouri.

Victor H. Fraenckel, former liaison scientist in physics at the General Electric Research Laboratory in Schenectady, has been named consultant on scientific

relations, in which capacity he will be responsible for informing and counseling the management of the Research Laboratory regarding scientific work being done elsewhere. GE has also announced that **R. O. Carlson**, **D. M. Heinz**, **R. L. Kyhl**, and **D. T. F. Marple** have joined the Laboratory's physics staff.

Richard J. Brundy, **Edgar M. Cole**, **Gerald L. Evans**, **Leonard Fienman**, **Hilbert W. Fry**, **David Green**, **Frank F. Greene**, **J. E. Mercereau**, **Frank A. Metz**, **John S. Nodvik**, **Oliver R. Price**, **Clement V. Quella, Jr.**, **Allan S. Risley**, **Laird D. Schearer**, **Arthur J. Stasney**, **Bernard L. Walsh**, and **Howard W. Wicklein** have joined the physics staff of Hughes Research and Development Laboratories, Culver City, California.

Captain John T. Hayward, USN, has assumed command of the Naval Ordnance Laboratory, replacing Rear Admiral **Edward L. Woodyard**, who has retired. Captain Hayward, a former director of plans and operations for the Armed Forces Sandia Base in Albuquerque, was commanding officer of the USS Point Cruz before his assignment to NOL.

Richard L. Petritz has been named chief of the semiconductor branch of NOL's solid state physics division, succeeding **Wayne Scanlon**, who formerly held that administrative post. Dr. Scanlon is now able to devote more time to his research studies on lead sulfide crystals.

New members of the National Science Board, nominated by the President and confirmed by the Senate, are: **W. V. Houston**, **J. B. Macelwane**, **Douglas Whitaker**, **T. M. Hesburgh**, and **Roger Adams**. They replace the following Board members whose terms have expired: **L. A. DuBridge**, **Marston Morse**, **J. A. Reyniers**, **E. C. Stakman**, and **P. H. Yancy**. In addition, the following members were reappointed to the Board: **D. H. McLaughlin**, **G. W. Merck**, and **J. C. Morris**.

F. Kenneth Hurd, who has spent the past academic year as visiting Fulbright professor at Cairo University in Egypt, has been appointed associate professor at the Georgia Institute of Technology. Dr. Hurd was formerly at the University of California at Los Angeles.

Ernst H. Krause has resigned his post as associate director of research at the Naval Research Laboratory in Washington, D. C., to become director of research laboratories at the Missile Systems Division of Lockheed Aircraft Corporation in Van Nuys, California. Lockheed has announced that \$10 million has been appropriated to build and equip the new research laboratories, which will adjoin present facilities of the Missile Systems Division. Other members of the newly organized staff include **Montgomery H. Johnson**, former staff member of the University of California Radiation Laboratory and the Livermore Laboratory, who will serve as associate director; **Eric Durand**, who resigned as associate director of Chicago Midway Laboratories to join Lockheed; **Edward J. Zadina**,

former technical advisor and operations analyst with the Air Force Special Weapons Center in Albuquerque; and **Henry R. Senf**, former acting director of development for the CIA's Air Navigation Development Board.

Dr. Krause has been succeeded as associate director for research at NRL by **Wayne C. Hall**, whose former position as superintendent of the solid state division has been filled by the appointment of **Richard L. Dolecek** to that post.

Leonard B. Lipson, senior research physicist at Magnolia Petroleum Company's Field Research Laboratories, Dallas, Texas, has been appointed associate professor of petroleum engineering at the University of Houston, where he will assist in the development of the graduate program in petroleum engineering.

C. Gordon Little has been appointed assistant director of the Geophysical Institute of the University of Alaska, College, Alaska.

Vaden W. Miles of Wayne University has received appointment as visiting professor in general education, physics department, Harvard University, for the year 1954-55.

W. T. Payne, formerly of the physics department at Michigan State College, East Lansing, has been appointed associate professor of physics at Hofstra College, Hempstead, New York.

Philip Rosen, of the Applied Physics Laboratory, Johns Hopkins University, has joined the physics staff of the University of Connecticut at Storrs.

Herman M. Roth has been appointed director of the research and medicine division of the AEC's Oak Ridge Operations Office. Dr. Roth, who had been assistant director since 1952, succeeds **Kenneth Kaschau**, who has resigned to join the American Locomotive Company staff in Schenectady as manager of the atomic energy products department.

J. H. Rush has resigned as research physicist with the High Altitude Observatory in Colorado and has accepted a position as associate professor of physics at the Texas Technological College in Lubbock.

Edwin M. Vaughan has returned to St. Ambrose College, Davenport, Iowa, as chairman of the physics department. He was recalled to active duty in the Army in February 1952, attended the special weapons course at the Command and General Staff College at Ft. Leavenworth, Kansas, and was assigned to the NATO Special Weapons School, Oberammergau, Germany, in 1953. The past year and a half was spent instructing officers of the NATO countries in technical and tactical applications of atomic weapons.

Albert Wiebe, formerly chief of the Instrument Engineering Office of the Army Quartermaster Corps Inspection Service Command, has assumed the directorship of **Albert Wiebe and Associates**, New York City, consultants in the field of instrumentation and automation. **Alex Koslow**, formerly assistant to the chief, has been named an Associate.

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