



Harry C. Allen, Jr., formerly an assistant professor of physics at Michigan State College, has been appointed to the radiometry section of the National Bureau of Standards.

Recent additions to the staff of the guided missile division of Ramo-Wooldridge Corporation, Los Angeles electronic research and development firm, include **Milard V. Barton**, formerly of the University of Texas; **Milton U. Clauser** of Purdue University; **Herbert C. Corben** from Carnegie Institute of Technology; **Louis G. Dunn**, previously director of the California Institute of Technology Jet Propulsion Laboratory; **James C. Fletcher** from Hughes Aircraft Company; **George M. Ewing**, University of Missouri; **Wendell A. Hornig** from General Electric, Hanford, Washington; and **Frank W. Lehan** and **Bernard Rasof** from the Caltech Jet Propulsion Laboratory. **Simon Ramo**, executive vice president of the company, is director of the division. He is assisted by **R. P. Johnson**, vice president for research and development, formerly of Hughes Aircraft Company.

Ralph D. Bennett, senior scientist and technical director at the Naval Ordnance Laboratory in Silver Spring, has resigned after fourteen years of service with the Navy in order to accept a position as manager of the technical department of the GE-operated Knolls Atomic Power Laboratory in Schenectady. Ordered to active duty in 1940 as a lieutenant-commander, Dr. Bennett was instrumental in building NOL from a small laboratory staffed by a dozen scientists into a major national laboratory with a staff of 1000 scientists and engineers and an equal number of technicians. As a captain, USNR, he became technical director in 1944. Following his release to inactive duty in 1947, Dr. Bennett continued with NOL as a civilian scientist.

Joseph Callaway, **David Cohen**, **Behram Kursunoglu**, and **Roger Woods** are new members of the physics department at the University of Miami.

Bille C. Carlson of Princeton University has accepted an appointment as associate physicist with the Iowa State College Institute for Atomic Research. The Institute has also announced the appointment of **Charles L. Hammer** as postdoctoral associate.

New members of the staff at Brookhaven National Laboratory are **William Chinowsky**, **Lauren Doyle**, **George J. Igo**, **Robert Meyer**, and **Gus T. Zorn**.

Edward P. Clancy is presently on leave of absence from Mt. Holyoke College where he is associate professor and chairman of the physics department; appointed a research associate, he will serve on the California Institute of Technology faculty for the current year.

Edward J. Cook, **Henry J. Fisher**, **William G. Johnston**, and **Glenn M. Roe** are research associates appointed to the General Electric Research Laboratory in Schenectady.

Elections to the board of directors of the Oak Ridge Institute of Nuclear Studies were held on October 19th. The five members elected are: **George L. Cross**, president of the University of Oklahoma; **Paul M. Gross**, vice president of Duke University; **George T. Harrell**, dean of the School of Medicine at the University of Florida; **Edward Mack, Jr.**, professor and chairman of the department of chemistry at Ohio State University; and **J. Harris Purks**, provost of the University of North Carolina. **George H. Boyd**, dean of the graduate school at the University of Georgia, and **T. W. Bonner**, physics professor at Rice Institute, were elected Council chairman and vice chairman, respectively. Dr. Gross was re-elected president of the Institute and **Clifford K. Beck**, physics professor at North Carolina State College, was re-elected vice president. Retiring members of the Board of Directors are **Jesse W. Beams**, professor of physics at the University of Virginia, and **William V. Houston**, president of Rice Institute.

Lawrence R. Hafstad, director of the AEC's division of reactor development since January 1949 when it was first organized, has resigned in order to accept a position as atomic energy consultant for the Chase National Bank of New York.

Malcolm C. Henderson has joined the physics department faculty at the Catholic University of America in Washington, D. C., as a research professor. Dr. Henderson, who has recently served with the Federal Civil Defense Organization, was deputy director of intelligence for the Atomic Energy Commission from 1949 to 1953.

Leonard D. Jaffe, former chief of the metals research branch of the Watertown Arsenal Laboratory in Massachusetts, now heads the materials section of the Jet Propulsion Laboratory at California Institute of Technology.

Walter B. Loewenstein has been appointed an assistant physicist at the Argonne National Laboratory.

Lucien Massé of Weiss Geophysical Corporation in Canada has accepted a position as senior research physicist with Magnolia Petroleum Company in Dallas, Texas.

Brian O'Brien, director of the University of Rochester Institute of Optics since 1938, who has been on leave since February 1953 to serve as vice president in charge of research for the American Optical Company at Southbridge, Massachusetts, has resigned from the Rochester faculty to continue his work with American Optical. He will continue to serve on the advisory committee of the Institute of Optics. Dr. O'Brien is succeeded as director by Robert E. Hopkins, professor of optics at Rochester and a member of the faculty since 1945.

Franklin B. Pauls has been appointed assistant professor of physics at the Missouri School of Mines and Metallurgy in Rolla. He was previously employed at Tabor College, Hillsboro, Kansas.

Lawrence Baylor Robinson has resigned his position as chief of the theory section in the radiation division of the Naval Research Laboratory in Washington, D. C., to become assistant professor of physics at Brooklyn College.

James M. Sharp, until recently associated with atomic energy development programs at the Air Force Special Weapons Center in Albuquerque, has been appointed supervisor of special projects for the physics department of Southwest Research Institute. He will be responsible for industrial and military research operations in systems analysis, analog computers, energy conversion methods, and electromechanical development.

Harold E. Smith, former assistant professor of physics at the University of Bridgeport, is now teaching at Pennsylvania Military College in Chester.

Conway W. Snyder, formerly senior physicist at Oak Ridge National Laboratory, has been appointed assistant professor of physics at Florida State University.

Thomas L. Thourson, until recently associated with the International Harvester Company, has joined the staff of the Standard Oil Company's Whiting Research Laboratories in Indiana.

Richard Tredgold, previously an assistant lecturer on physics at the University of Nottingham in England, has joined the University of Maryland's physics department as a research associate. He will serve as leader of the solid state theory research group under Ralph D. Myers, director of the program which is supported by the Air Force Office of Scientific Research, Air Research and Development Command.

Edwin L. Zebroski, former project engineer for the submarine advanced reactor project at General Electric's Knolls Atomic Power Laboratory in Schenectady, has joined the staff of Stanford Research Institute. As manager of the nuclear engineering section, Dr. Zebroski will direct work on materials and systems problems associated with nuclear power plants and on the applications of nuclear techniques and radiation effects to industrial problems.

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