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**Allen V. Astin**, director of the National Bureau of Standards, was named by the National Civil Service League as one of the ten outstanding career civil servants in the Federal Government for 1960. Among the members of the Bureau staff to be honored on February 18 during the Twelfth Annual Honor Awards Program of the Department of Commerce were **Arnold Bass**, **Herbert Broida**, **Alvin G. McNish**, **Chester H. Page**, **Charlotte Sitterly**, and **Harold Wyckoff**, who received Exceptional Service Gold Medal Awards, and **John Wachtman, Jr.**, who received a Meritorious Service Silver Medal Award. At the NBS Boulder, Colo., laboratories, **Richard C. Mockler** has been appointed chief of the recently formed Atomic Frequency and Time Standards Section.

**John R. Bowman** currently on academic leave from Northwestern University, where he has been associate dean of engineering and professor of engineering sciences for the past three years, is spending the spring semester as a member of the faculty of the University of Alaska.

**Nazzareno P. Cedrone** has been appointed technical director of Bendix Aviation Corporation's Systems Division in Ann Arbor, Mich.

**A. Charlesby**, professor of physics at The Royal Military College of Science, Shrivenham, England, and a consultant to the United Kingdom Atomic Energy Authority at Harwell, has been appointed senior scientific adviser to Radiation Applications Inc. of Long Island City, N. Y.

**Vincent J. Cushing** and **Frank Genevise**, formerly with the Fairchild Engine and Airplane Corporation, have been appointed president and vice president, respectively, of Applied Science, Inc., a private research organization recently established in Alexandria, Va.

**Leo Goldberg**, currently director of the observatories at the University of Michigan, has been named Higgins Professor of Astronomy at the Harvard University Department of Astronomy and the Harvard College Observatory, effective on July 1. Dr. Goldberg, who has accepted a joint appointment to Harvard and to the staff of the Smithsonian Astrophysical Observatory in Cambridge, will be in charge of the integrated space research programs for the observatories of both institutions. **William Liller** also from Michigan, and **David R. Layzer**, now lecturer and research fellow at the Harvard College Observatory, have been named professors of astronomy at Harvard.

**Hans Heil**, formerly with the General Electric Company, has joined the Electronic Research Laboratory at RCA's David Sarnoff Research Center in Princeton, N. J. **Jack Schwartz**, formerly with the Brookhaven National Laboratory, has joined RCA's Physical and Chemical Research Laboratory.

**Henry A. Lackner** has joined the Central Research Department of the Minnesota Mining and Manufacturing Company in St. Paul.

**Jack Larsen**, formerly with the Bell Telephone Laboratories, has been named manager of the Special Projects Department of General Devices, Inc., Princeton, N. J.

Beginning in September, **Ross Lomanitz** will join the staff of Whitman College, Walla Walla, Wash., as associate professor of physics.

**William W. Morgan** of the University of Chicago has been named chairman of the joint Department of Astronomy of the University of Chicago and the University of Texas. He succeeds **Gerard P. Kuiper** in the direction of Chicago's Yerkes Observatory and Texas' McDonald Observatory. Dr. Kuiper will continue to serve as professor of astronomy in the joint department until September, when he plans to join the faculty of the University of Arizona. Other new appointments include **Frank N. Edmonds, Jr.**, associate professor of astronomy at Texas, as associate director of the McDonald Observatory, and **Joseph W. Chamberlain**, associate professor of astronomy at Chicago, as associate director of the Yerkes Observatory.

**Emanuel R. Piore**, director of research of the International Business Machines Corporation, has been named chairman of the company's Research and Development Board. IBM has also announced a separation of its corporate staff research and engineering functions into two entities. **Andrew H. Eschenfelder** has been appointed resident manager of IBM's Poughkeepsie, N. Y., Research Laboratory, succeeding **Lloyd P. Hunter** who has joined the corporate staff on special assignment at the firm's headquarters in New York City. **Lawrence R. Bickford, Jr.**, replaces Dr. Eschenfelder as manager of the Magnetics Research Department at the Poughkeepsie laboratory.

**Morton B. Prince** has been appointed vice president and general manager of the Semiconductor Division of Hoffman Electronics Corporation, Los Angeles, Calif.

**Robert H. Pry** has been named manager of the Alloy Studies Section at the General Electric Research Laboratory in Schenectady, N. Y.

**Ralph C. Smith**, formerly assistant to the president of the Nuclear Products-Erco Division of ACF Industries in Washington, D. C., has been named director of plans and programs for Lytle Corporation and will have his headquarters at the firm's Albuquerque, N. M., facilities.

**George E. Valley, Jr.**, formerly chief scientist of the US Air Force and professor of nuclear physics at the Massachusetts Institute of Technology, has been named as a scientific consultant to Northrop Corporation, Beverly Hills, Calif.

**Alvin M. Weinberg**, director of Oak Ridge National Laboratory, has succeeded **Cyril Smith** on the President's Science Advisory Committee for a three-year term. Recent additions to the ORNL staff include **Roger W. Boom**, formerly associated with the University of Bonn, Germany, and **Felix E. Obenshain, Jr.**, from the University of Pittsburgh.

**Robert W. Williams**, formerly of the Massachusetts Institute of Technology, has been appointed professor of physics at the University of Washington in Seattle. **J. Gregory Dash** of the Los Alamos Scientific Laboratory will be visiting acting associate professor of physics at Washington for the 1960-61 academic year.