



Fred P. Adler has been appointed manager of the advanced planning staff in the systems development laboratories of Hughes Aircraft Co., Culver City, Calif. A senior physicist on the Hughes staff since 1954, Dr. Adler has headed the interceptor systems department for the past two years.

Henry C. Alberts, formerly operations research group leader at the Avco Manufacturing Corp., Lawrence, Mass., has been named to the newly created position of technical coordinator in Avco's Research and Advanced Development Division.

Sigurds Aaraj, who recently completed his PhD at Iowa State College, and Francis J. Morin, formerly at the Bell Telephone Laboratories, have joined the scientific staff of US Steel's Edgar C. Bain Laboratory for Fundamental Research, located in Monroeville, Pa.

Detlev W. Bronk, president of the Rockefeller Institute for Medical Research and of the National Academy of Sciences, has been awarded the Gold Medal of the International Benjamin Franklin Society in recognition of his "outstanding contribution to science through research".

Raymond M. G. Boucher, a scientific consultant to the French Air Ministry, has been named to head a research program on the effects of ultrasonic energy in air to be conducted in the Vibro-Ceramics Division of Gulton Industries, Inc., Metuchen, N. J.

Herbert D. Cohen and Bernard P. Gregory have joined the Physics Department at Brookhaven National Laboratory, Upton, N. Y.

Arthur J. Cussen, formerly head of the Infrared Division at the Naval Ordnance Laboratory, Corona, Calif., has been named manager of the Infrared Standards Laboratory in Riverside, Calif. The Laboratory, which is the recently formed engineering and production division of Infrared Industries, Inc., Needham Heights, Mass., will design, develop, and manufacture test instruments for infrared measurements.

William R. Davis and Percival D. McCormack have been named assistant professors of physics at North Carolina State College of Agriculture and Engineering at Raleigh.

John R. Dunning, dean of the Columbia University Engineering School, has been presented with the annual Stevens Honor Award of Stevens Institute of Technology, Hoboken, N. J. The awards are made each year to one or more persons for "distinguished achievement in any field of endeavor".

G. D. Magnuson, formerly associated with the University of Illinois, J. R. Nelson from Cornell University, K. G. P. Sulzmann of the Technische Hochschule, Aachen, Germany, and D. B. Medved, formerly at the Electronic Research Laboratory, have joined the staff of the Physics Section at Convair, a division of General Dynamics Corp., in San Diego, Calif.

George Manov, formerly technical assistant to Atomic Energy Commissioner W. F. Libby, has been named technical director of Tracerlab's Reactor Monitoring Center in Richmond, Calif.

Charles R. Mingins, head of the Department of Physics and Mathematics at Lowell Technological Institute, Lowell, Mass., has been appointed chairman of Lowell's Division of Engineering, succeeding Harry C. Brown who has retired. As chairman of the Division, Dr. Mingins will coordinate and administer the work of the Institute's Departments of Electronic, General, Leather, Paper, and Textile Engineering and the Department of Physics and Mathematics.

Lloyd G. Mundie, formerly head of the Infrared Laboratory of the University of Michigan's Engineering Research Institute, has been named to direct a research program in the development of infrared projects at the Systems Division of Bendix Aviation Corp., Ann Arbor, Mich.

John P. O'Meara, formerly manager of chemical physics research at Southwest Research Institute, has been named laboratory director of radiation physics for the Central Research and Engineering Division of Continental Can Co., Chicago, Ill.

Maurice Pryce, of the H. H. Wills Laboratory of the University of Bristol, England, is spending the current spring semester at Duke University, Durham, N. C., as visiting professor of physics.

Marlin E. Remley has been appointed acting section chief of the Reactor Development Department at Atomics International, Canoga Park, Calif., a division of North American Aviation. Dr. Remley replaces Frank E. Faris, who was named general manager of the Technical Department of INTERATOM, recently formed by Atomics International and DEMAG AG of West Germany as the first jointly owned international company in the German nuclear energy field.

Leonard M. Rieser, Jr. has been advanced to the rank of associate professor and appointed chairman of the Department of Physics at Dartmouth College, Hanover, N. H. Francis W. Sears, who has been a visiting professor at Dartmouth, has been appointed professor of physics. William P. Davis, John W. Dewdney, and William T. Doyle have been promoted to the rank of assistant professor and Agnar Pytte has joined the Department as an instructor.

Mary Jean Scott, formerly of the Johns Hopkins University and Brookhaven National Laboratory, has been appointed lecturer in physics for the current semester at Bryn Mawr College, Bryn Mawr, Pa. Dr. Scott is a temporary replacement for Walter C. Michels, who is currently on leave while working with the Physical Science Study Committee at the Massachusetts Institute of Technology.

William G. Simeral has been promoted to senior research supervisor and **John M. Watkins** to research supervisor in the Polychemicals Department at E. I. du Pont de Nemours and Co., Wilmington, Del.

James E. Stewart, formerly with the National Bureau of Standards, has joined Beckman Instruments' Scientific Instruments Division in Fullerton, Calif., where he will be concerned with the development of infrared analysis equipment.

William F. Swann has been named manager of the newly formed Special Sensitized Products Sales Division of Eastman Kodak Co., Rochester, N. Y. **Jasper S. Chandler** and **William West** have been advanced to the rank of senior research associate in the Kodak Research Laboratories.

Charles H. Townes, professor of physics at Columbia University, has been awarded the 1957 Research Corporation Award for his work in microwave spectroscopy. Presentation of the Award, consisting of a plaque, a citation, and a \$2500 honorarium, took place on January 23 at a dinner held in New York City. Dr. Townes was honored in particular for having: "(1) provided a new order of accuracy in the measurement of time—a plus-or-minus one second deviation every 300 years; (2) produced amplifiers more than 100 times more sensitive than previously known types. This expands, for example, the range of radio astronomy by making it possible to pick up otherwise weak and inaudible signals; and (3) gained detailed information previously unknown on the structure of molecules, by measuring the frequencies to which they respond."

John P. Vinti, formerly at the Ballistic Research Laboratories, Aberdeen Proving Ground, has joined the Mathematical Physics Section of the National Bureau of Standards, Washington, D. C. **Samuel Penner** has joined the Betatron Section of the Bureau's Atomic and Radiation Physics Division where he is engaged in photonuclear and photomeson research with the Bureau's 50-Mev betatron and 180-Mev synchrotron.

Sydney D. Warshaw, formerly at the University of Chicago, has joined the physics staff of the Argonne National Laboratory, Lemont, Ill.

Alan T. Waterman, director of the National Science Foundation, has been named by President Eisenhower as chairman of the Interdepartmental Committee on Scientific Research and Development. The committee, with headquarters in Washington, D. C., is the body which is intended to coordinate the scientific activities of the Atomic Energy Commission, the Defense Department, the National Science Foundation, and certain other federal agencies.

Nobel laureate **C. N. Yang** of the Institute for Advanced Study, Princeton, N. J., has been named as one of America's Ten Outstanding Young Men of 1957 by the US Junior Chamber of Commerce. The awards have been made each year since 1938 to ten men under 35 years of age for "outstanding contributions to their professions and to the general welfare of the people".

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