

WE HEAR THAT

John W. Coltman and **John K. Hulm** have been named associate directors of the Westinghouse Research Laboratories in Pittsburgh. Dr. Coltman, who was formerly manager of the Laboratories' Electronics and Nuclear Physics Department, will head the company's central research program on advanced equipment concepts and Dr. Hulm, former manager of the Solid-State Physics Department, will guide the Laboratories' solid-state research program. **R. C. Ohlmann** has rejoined the Laboratories staff following an educational leave.

George E. Hudson, professor of physics in New York University's College of Engineering, has been named as a consultant to International Ultrasonics, Inc., Rahway, N. J.

Andor Fleischman has been appointed director of optical engineering by the Elgeet Optical Company, Inc., Rochester, N. Y.

Charles F. Robinson, director of the Bell & Howell Research Center, has been elected a vice president of Consolidated Electrodynamics Corporation, a Bell & Howell subsidiary. The Research Center, located in Pasadena, combines research activities of Bell & Howell and CEC.

Estill I. Green, executive vice president of Bell Telephone Laboratories, retired on November 30 after 39 years of service with the Bell System. He will continue to be active as a private consultant on engineering management. Another member of the Laboratories for 39 years, **Warren P. Mason** of the Applied Mechanics Research Department, recently applied for a patent for his 200th invention, a semiconductor strain gauge. This gives Dr. Mason more inventions to his credit than any other employee in the history of Bell Laboratories.

At Northwestern University, Evanston, Ill., the Physics Department has named four new assistant professors. They are **Raymond G. Ammar** from the University of California at Berkeley, **Richard H. Capps** from Cornell University, and **William D. McGlenn** and **Edward N. Shipley**, both of whom were previously instructors at Northwestern.

George K. Tajima, formerly head of the Reconnaissance Systems Department of Ramo-Wooldridge, has been appointed director of the Information Equipment Laboratory of The Bissett-Berman Corporation of Los Angeles.

William V. Wright has been named a vice president of Electro-Optical Systems, Inc. He will also continue in his position as manager of the firm's Solid-State Division.

K. P. Chopra, whose appointment as assistant professor of astronautics in the Polytechnic Institute of Brooklyn Aerodynamics Laboratory was noted in the November issue of *Physics Today*, was inadvertently listed as having formerly been at the University of California Engineering Center. He was actually associated with the University of Southern California Engineering Center.

Benjamin Welber is spending the current academic year as a field expert in physics at the Hebrew University of Jerusalem under the United Nations Technical Assistance Program.

Emidio A. DeLolli has been appointed engineering manager of Raytheon Company's Receiving Tube Operations in Newton, Mass.

Eugene Ackerman, formerly professor of biophysics at the Pennsylvania State University, has been appointed to the staff of the Biophysics Section of the Mayo Clinic and as associate professor of biophysics in the Mayo Foundation of the University of Minnesota, both of which are located in Rochester, Minn.

J. E. Goldman has been named associate director for basic research at the Ford Motor Company Scientific Laboratory in Dearborn, Mich. He will also continue as manager of the Physics and Electronics Department. Recent additions to the staff of the Laboratory are **Mary Beth Stearns**, formerly of General Atomic, and **Robert W. Terhune**, who was appointed supervisor of the Physical Electronics and Nucleonics Section.

Akio Yoshimori from the University of Osaka Prefecture in Japan will serve as a postdoctoral research fellow at The Ohio State University in Columbus during 1961.

Robert W. Bogle, formerly manager of the Flight Vehicles Division of Curtiss-Wright's Santa Barbara Division, has joined the newly created Space Systems component of the General Electric Company's Defense Systems Department in Santa Barbara, Calif.

At Northeastern University, Boston, Mass., the Physics Department has made the following new appointments in order to initiate a PhD program in physics next September: **Giovanni Lanza**, formerly with the Cambridge Electron Accelerator, has been named professor; **Walter Hauser** from the Lincoln Laboratories, **Bertram Malenka** from Tufts University, and **Roy Weinstein** from the Massachusetts Institute of Technology have been named associate professors; and **Michael Glaubman** has been named assistant professor.

William E. Parkins has been named associate technical director of Atomics International, a division of North American Aviation, Inc., located in Canoga Park, Calif. Formerly director of the Organic Reactors Department, Dr. Parkins will now share the responsibility for direction of Atomics International's development programs, particularly in the fields of advanced nuclear reactor systems and new technologies. **Ned S. Rasor** has been named director of the recently formed Energy Conversion Department.

Ralph Feder of the Physics Research Laboratory, Pitman-Dunn Laboratories Group, Frankford Arsenal, left in January for a five-month stay in Argentina, where he will assist Jorge Sabato, head of the Metallurgy Division of the Argentine Atomic Energy Commission in the task of setting up an x-ray diffraction laboratory and organizing groups to work on several phases of a project on niobium.

Robert M. Bowie, vice president of General Telephone and Electronics Laboratories Incorporated, and general manager of that organization's Bayside, N. Y., Laboratories, was assigned in January to the New York City headquarters staff of GT&E Laboratories. **Bernhard E.**

Who is this man?

First, you should know a few things about him: He's responsible, as a man who leads others through new frontiers must be; he's a specialist . . . but a specialist with time for creative reverie; he welcomes new challenges and grows in learning and stature with whatever he faces; he's mature, dedicated, and inquisitive—traits of a true man of science. Who is he? He's the indispensable human element in the operations of one of the Navy's laboratories in California. Could he be you?



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Bartels, formerly manager of the firm's Chemistry Laboratory, has been named director of research at Bayside and has also been elected to the position of vice president. Colin S. Wiggins, formerly research associate in the Physics Department of the University of British Columbia, has joined the Bayside staff as a senior physicist in the Luminescence Section of the Solid State Laboratory.

At the Catholic University of America, Washington, D. C., Paul H. E. Meijer has been promoted to the rank of ordinary professor of physics. Tomoyasu Tanaka, from Kyusyu University in Japan, is currently serving as a visiting professor in the Physics Department.

Ralph Dressel will resign next summer as head of the Physics Department at the New Mexico State University in order to devote more time to research. Dr. Dressel will also continue to teach at the University. Harold A. Daw, a member of the physics faculty, will succeed Dr. Dressel as head of the department on July 1.

Nisson A. Finkelstein, has been promoted to the position of vice president in charge of research for General Dynamics/Electronics (formerly the Stromberg-Carlson Division). Leo Diesendruck, formerly professor of physics at the University of Rhode Island and Mazhar Hasan, formerly assistant professor of physics at Northern Illinois University have joined the firm's research staff.

W. J. Crowe, formerly with the Airtron Division of Litton Industries, has been named manager of component development for Micro State Electronics Corporation, Murray Hill, N. J.

Bruce L. Blanks has joined the staff of the Los Alamos Scientific Laboratory as a physicist in the GMX Division.

Thomas H. Johnson, vice president and general manager of the Research Division of the Raytheon Company in Waltham, Mass., has been elected to the board of directors of Technical Operations, Inc., in Burlington, Mass.

Harold B. Law and Alfred H. Sommer of the Radio Corporation of America have each been named as a fellow of the technical staff, a title established by RCA Laboratories in early 1959 to give recognition to continued individual contributions by staff scientists, just as recognition is extended by title and position for contributions made through group administration. Dr. Law was honored for his contributions to the advancement of television, particularly in the field of pickup and display tubes for both black-and-white and color television systems. Dr. Sommer was honored for his contributions in the field of electron-emission phenomena relating particularly to special materials as emitters for electron tubes.

Gilbert W. King has been promoted to the position of director of research of the International Business Machines Corporation. IBM research facilities under his direction will include the new research center now under construction at Yorktown Heights, N. Y., the Watson Scientific Computing Laboratory on the Columbia University campus in New York City and research laboratories in San Jose, California, and Zurich, Switzerland. Dr. King was formerly associate research director for systems and engineering.

Fred E. Altman, assistant director of optical design for the Apparatus and Optical Division of Eastman Kodak Company, has retired after 45 years of service.

Harry F. Bowsher has been appointed assistant professor in the Physics Department at the University of Tennessee, Knoxville.