



Norman C. Anderson has been appointed vice president of the Photoconductor-Transistor Division of Electronics Corp. of America, Cambridge, Mass.

David Atlas has been selected to deliver the Guenter Loeser Memorial Lecture of the Geophysics Research Directorate, Air Force Cambridge Research Center. The lecture is given at intervals of one year or more by a scientist of the Directorate who is nominated in recognition of outstanding achievement in research.

Lewis M. Branscomb, chief of the Atomic Physics Section of the Atomic and Radiation Physics Division at the National Bureau of Standards, has been awarded a Rockefeller Public Service Award for a year's study of the physics of negative ions and low-energy ionic collisions at University College, London, England. **Deane B. Judd**, of the Optical Instruments Section of the Bureau's Optics and Metrology Division, was awarded the Inter-Society Color Council's Godlove Award for outstanding contributions to the knowledge of color in science, art, and industry. **N. L. Brown** and **J. L. Jackson** have joined the staff of the Free Radicals Research Section of NBS Heat and Power Division, and **Ralph Klein** and **L. E. Kuentzel** have joined the Section as Free Radicals Research Guests. **Sydney Geltman** has joined the Bureau's Atomic and Radiation Physics Division.

Jack E. Brooks has joined the Guided Missile Research Division of The Ramo-Wooldridge Corp., Los Angeles. **Richard F. Daly** has joined the firm's Boston Division.

Robert W. Cairns, director of research for Hercules Powder Co., Wilmington, Del., has been appointed Chairman of the Advisory Panel on General Sciences of the Office of the Assistant Secretary of Defense for Research and Development. The appointment was made by **C. C. Furnas**, former Assistant Secretary of Defense for Research and Development, who returned to his position as Chancellor of the University of Buffalo on February 18. The general sciences panel, established "to insure that the nation's best scientific and technical talents are applied to the planning and prosecution of the military research and development programs on general sciences," advises the Department on its basic research programs. With this appointment, Dr. Cairns also becomes a member of the Defense Science Board, which was set up as a result of a recommendation of the Hoover Commission on Organization of the Executive Branch of the Government. Its task is to delineate scientific opportunities which hold promise of radically outdating present-day concepts of warfare and to advise as to the effectiveness of research and development in providing new weapons systems.

Daryl M. Chapin, **Calvin S. Fuller**, and **Gerald L. Pearson**, of the Bell Telephone Laboratories, have been awarded John Scott Medals by the City of Philadelphia for their invention of the Bell Solar Battery.

John C. Clark, associate Test Division leader of Los Alamos Scientific Laboratory, has resigned from the Laboratory's staff to join Convair-Astronautics Division of General Dynamics Corp., San Diego, as staff assistant to the Division's manager, **J. R. Dempsey**. **William E. Ogle**, alternate Test Division leader at Los Alamos, will replace Dr. Clark as the Laboratory's Test Group director for the forthcoming nuclear weapons tests in Nevada. The following physicists have joined the Los Alamos staff: **Alice H. Armstrong**, **Douglas W. Lier**, **James E. Simmons** (Physics Division); **Alvie L. McKnight**, **Burton G. Schuster**, **Marlan L. Shepard**, **Gerhard W. Zimmermann** (Weapons Division); **Jerome E. Dummer, Jr.** (Health Division); **Franz C. Jahoda**, **Louis D. Tatro** (Test Division); and **Jay Todd, Jr.** (N Division).

William W. Colvert, associate professor of physics and registrar at Illinois Institute of Technology, has been appointed dean of the Institute's evening division. **Markus W. Minkler** has joined the Institute's staff as instructor of metallurgical engineering.

E. U. Condon of Washington University (St. Louis) and **Marc Ross** of the University of Indiana will spend the summer of 1957 at the University of Colorado as visiting lecturers of physics.

The following additions have been made to the staff of Brookhaven National Laboratory: **G. T. Danby** and **Oliver S. Reading** (Accelerator Development Department); **Frank Maslan** and **Meyer Steinberg** (Nuclear Engineering Department); and **Eastman N. Hatch** (Physics Department).

Charles F. DeVoe, formerly director of manufacturing staffs at Corning Glass Works, has been appointed director of ceramic research.

Leon P. Goldberg has joined the research staff of Princeton University's Project Matterhorn which is being conducted at The James Forrestal Research Center, Princeton, N. J.

Lawrence Gould will head the research and engineering group recently formed at Microwave Associates, Inc., Burlington, Mass., for the study and improvement of high power microwave switching devices.

T. J. Hardwick, formerly with Atomic Energy of Canada Ltd., and **G. G. Meisels**, formerly at the University of Notre Dame, have joined the Radiation Chemistry Department of Gulf Research & Development Co., Pittsburgh, Pa.

Gerhard Herzberg, director of the Division of Pure Physics at Canada's National Research Council, has been elected an Honorary Member of the Indian Physical Society. Dr. Herzberg, who has recently been on a lecture tour in India at the invitation of the Indian Science Congress, was also presented with the Joy Kissen Mookerjee Gold Medal, awarded by the Indian Association for the Cultivation of Science.

Frank W. Hurd has been appointed director of research of Union Carbide Nuclear Co., a Division of Union Carbide and Carbon Corp.

James M. Jackson and David S. Stacey, formerly with the University of Colorado, have been named director and technical director, respectively, of the newly formed Ball Brothers Research Corp. in Boulder, Colo. The new company, a subsidiary of Ball Brothers Co., Muncie, Ind., will conduct fundamental and applied research in electronics, astrophysics, optics, servo mechanisms, and other instrumentation.

Gerald Katzin, Earl M. Page, and Daniel I. Weinberg have joined the staff of ASTRA (Advanced Scientific Techniques Research Associates) of Milford, Conn.

Serge A. Korff, New York University professor of physics, has received a decoration as Commander of the Ordre du Merite pour la Recherche et l'Invention, awarded in recognition of distinguished research. The order is under the patronage of the Ministers of Education, Industry & Commerce, and Public Health and Population of the French Government.

Bernard A. Lippmann has resigned as research professor at the Polytechnic Institute of Brooklyn to organize and direct Eastern Technical Associates, Hastings-on-Hudson, N. Y.

Nathan Marcuvitz has been appointed director of the Microwave Research Institute of the Polytechnic Institute of Brooklyn, succeeding Ernst Weber who has been named vice president for research.

Robert P. Peterson, former director of nuclear research for Republic Steel Corp., has been elected president of Applied Research, Inc., Chicago, Ill.

Howard A. Robinson, formerly first secretary of the US Embassy in France and special assistant to the US Ambassador on scientific matters, has been named chairman of the Physics Department at Adelphi College, Garden City, N. Y., succeeding Albert C. Krueger, who has resigned to take a position in industry.

Jacob Savitt has been named supervisor of the newly-created Explosives Section at Armour Research Foundation of Illinois Institute of Technology. Mahlon Burkhard will supervise the Acoustic Design Section in the Foundation's Physics Research Department.

William W. Stifter has been elected a vice president of Aladdin Industries, Inc., Nashville, Tenn.

Alan T. Waterman, director of the National Science Foundation and former deputy chief of the Office of Naval Research, has received ONR's first annual Captain Robert Dexter Conrad award. Named for the first head of the Planning Division of ONR, the award was made "in recognition of and reward for outstanding technical and scientific achievements in research and development for the Navy".

John M. West, formerly at Argonne National Laboratory, has been appointed vice president of General Nuclear Engineering Corp., Dunedin, Fla. Other recent additions to the company's staff include: Robert W. Long, Stanley E. Turner, and Michael F. Valerino.

Gale Young has been named vice president and co-executive of Nuclear Development Corp. of America, White Plains, N. Y. Gerald Goertzel has been named technical director and manager of technical operations.

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