
We hear that...

Robert C. Allen, formerly associated with the Physics Division at Los Alamos Scientific Laboratory, has been named group leader of experimental physics in the Research Department of Atomics International in Canoga Park, Calif.

Kenneth R. Atkins, **Abraham Klein**, and **Alfred K. Mann** have been promoted to full professorships in the Department of Physics at the University of Pennsylvania in Philadelphia. New appointments to the department, effective with the fall semester, include: professors, **Elias Burstein** from the Naval Research Laboratory and **Joaquín M. Luttinger** from the University of Paris; visiting professor, **T. H. R. Skyrme** of the British Atomic Energy Research Establishment, Harwell; assistant professor, **Michael Cohen** from the Institute for Advanced Study; associate, **Roger Walmsley** from Yale University; instructors, **Ove Nathan** from the Universitetet Institut for Teoretisk Fysik, Copenhagen, and **Robert de Zafra** from the University of Maryland; research associates, **David T. Goldman** from the University of Maryland, **Llewelyn Grimes** from Bristol University, England, **S. Machida** of St. Paul's University in Tokyo, **R. C. L. Jenkins** from the University of Birmingham, and **Reuben Thieberger** of the Weizmann Institute, Rehovoth.

Nicholas A. Begovich has been appointed director of engineering of Hughes Aircraft Co.'s Ground Systems Group at Fullerton, Calif. **Joseph M. Denney**, formerly in charge of solid-state physics and metallurgy at Aeronutronic Systems, Inc., has joined Hughes' Nuclear Electronics Department in Culver City, Calif.

Grant S. Bennett has been named a supervisory physicist at the Research Laboratories Division of Bendix Aviation Corp. in Detroit, where he is organizing a project in underwater sound.

Rayford H. Boyett, formerly at Berry College, **Clarence E. Hunting** from the Massachusetts Institute of Technology, **John T. Mihalcz** of Curtiss Wright Corp., and **Russell L. Robinson** from Indiana University have joined the staff of the Oak Ridge National Laboratory.

Don H. Byers, **Donald E. Rehfuss**, **Milton W. Valenta**, and **Walter M. Webster** have joined the staff of the Los Alamos Scientific Laboratory.

Robert W. Cairns, director of research for Hercules Powder Co., Wilmington, Del., has been elected vice president and president elect of the Industrial Research Institute, Inc. The Institute, which is composed of 150 US companies supporting technical research programs, is dedicated to improving techniques of industrial research organization and management.

John L. Carter has been appointed supervisor of theoretical physics at the General Electric Co.'s Hanford Laboratories, Richland, Wash.

William H. Duerig, formerly with Electro-Mechanical Research, Inc., Ridgefield, Conn., has been named vice president in charge of research and engineering at Midwestern Instruments, Inc., Chicago, Ill.

Robert E. Faires has been appointed head of the Transducer Branch, Sound Division, at the US Naval Research Laboratory in Washington, D. C. **John P. Hagen** received an award in June from the Boston University Alumni Association for outstanding public service as director of NRL's Project Vanguard.

The following promotions have been awarded in the Department of Physics at the Massachusetts Institute of Technology: to full professor, **Francis L. Friedman** and **David H. Frisch**; to associate professor, **David O. Caldwell** and **John G. King**; to assistant professor, **Irwin A. Pless** and **Rolf P. Scharenberg**. **Theos J. Thompson**, director of MIT's nuclear reactor program, has been promoted to the rank of full professor of nuclear engineering and **Melville Clark, Jr.**, has been named associate professor.

Willard Gaeddert, formerly at Mankato State College, Mankato, Minn., has been appointed professor of physics and chairman of the department at Park College, Parkville, Mo. He succeeds **Laurence R. McAneny**, who has accepted a position with Southern Illinois University in Alton.

Colman Goldberg has been appointed supervising engineer in the solid-state electronics development section of the Westinghouse Materials Engineering Department of East Pittsburgh, Pa.

Georg H. Hass, chief of physics research at the US Army Engineer Research and Development Laboratories, Fort Belvoir, Va., has been awarded the Commanding General's Medal for Technological Achievement, which is henceforth to be presented annually for outstanding scientific or technological achievement.

Ralph E. Hiatt, formerly chief of the Antenna Laboratory at the Air Force Cambridge Research Center, joined The University of Michigan Engineering Research Institute on July 1 as a research physicist. **Alfred Z. Hendel**, a research associate at Princeton University, will join Michigan's Department of Physics as a visiting assistant professor for the 1958-59 academic year, taking the place of **Wayne E. Hazen**, who will be on leave of absence.

John I. Hopkins, professor of physics and adviser for the Atomic Energy Commission's health physics training program at Vanderbilt University, will join the staff of Davidson College, Davidson, N. C.

William B. Ittner, III, and **Sol Triebwasser** have been named senior physicists at the IBM Research Center in Yorktown Heights, N. Y. Other appointments announced by IBM include those of **Alfred S. Fischler** as associate physicist, **John C. Slonczewski** as advisory physicist, and **Ralph F. Penoyer** as staff engineer.

Ladis D. Kovach has been appointed professor of mathematics and acting head of the Department of Mathematics and Physics at George Pepperdine College in Los Angeles. He will also retain his position as a design specialist with the Douglas Aircraft Co., El Segundo, Calif.

Zoel R. Martinson and **Edward Yeates**, formerly at Colorado State University and the Case Institute of Technology, respectively, have joined the Reactor Physics and Engineering Branch of Phillips Petroleum Company's Atomic Energy Division in Idaho Falls, Idaho.

Wayne B. Nottingham, professor of physics at the Massachusetts Institute of Technology, has been named to serve as a consultant to the National Research Corporation, Cambridge, Mass.

A. W. Overhauser, formerly at Cornell University, has joined the staff of the Physics Department at the Ford Motor Company's Scientific Laboratory in Dearborn, Mich., where he has been named supervisor of the Theoretical and Solid-State Physics Section.

John S. Rinehart, assistant director of the Smithsonian Astrophysical Observatory and an astronomy research associate at Harvard University, has accepted an appointment as professor of mining engineering and director of the Mining Engineering Research Laboratory at the Colorado School of Mines in Golden, beginning with the 1958 fall semester.

Sidney J. Stein has been appointed director of engineering and research at the International Resistance Co., Philadelphia, Pa.

G. W. Stuart, formerly at the General Electric Co.'s Atomic Laboratory at Vallecitos, Calif., has joined the General Atomic Division of General Dynamics Corp. in San Diego.

Richard Tousey of the US Naval Research Laboratory has been named the 1958 recipient of the Laboratory's E. O. Hulburt Award. The annual award, established in honor of NRL's first director of research, was made to Dr. Tousey on July 2 for his "accomplishments in a variety of subjects in physical and physiological optics, and . . . pioneering and continuing investigations of the spectrum of the sun and of the upper atmosphere by means of rocket-borne instruments."

Franz Urbach has been appointed head of the recently formed Solid-State Department in the Physics Division of the Kodak Research Laboratories, Rochester, N. Y. Other members of the new department are **John W. Castle**, **Charles A. Duboc**, **Pliny E. Goddard**, **Frank A. Hamm**, **John F. Hamilton**, **Donald C. Hoesterey**, **James G. Jarvis**, **Frank Moser**, **Nelson R. Nail**, **Donald Pearlman**, and **Roger S. Van Heyningen**.

John A. Wilson, formerly at Baldwin-Wallace College, has been named associate professor at the Air Force Institute of Technology, Wright-Patterson Air Force Base, Ohio.

George E. Ziegler, formerly director of research of the Zonolite Company, Chicago, Ill., resigned from that position on July 1 to open an independent consulting service in Evanston, Ill. He will remain associated with Zonolite as a research consultant.

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