

We hear that...

Martin Annis, formerly with Washington University in St. Louis, has joined Allied Research Associates as head of its new physics group. The group will be interested in both fundamental and applied research.

Fontaine C. Armistead, a staff member in the Massachusetts Institute of Technology physics department for the past seven years, has been appointed director of the Virginia Institute for Scientific Research in Richmond. A nonprofit research corporation, the Institute "engages in scientific studies of a fundamental nature, studies which are supported by contracts with industry and defense agencies as well as by the Institute's own funds".

Robert M. Blakney has joined the Research Laboratory of The Haloid Company as head of the semiconductor section, to direct work on semiconductors suitable for xerography.

Katharine B. Blodgett, research associate with the General Electric Research Laboratory in Schenectady, delivered the James Mapes Dodge lecture of the Franklin Institute on November 20th. She spoke on the use of interference colors in the measurement of thin films.

John R. Bowman, director of research at the Mellon Institute for Industrial Research, was presented with the 1954 Professional Progress Award in Chemical Engineering last December. Sponsored by the Celanese Corporation of America, the award is made annually to a chemical engineer under forty-five years of age and carries with it a prize of \$1000.

G. W. Crawford and **J. E. Miller**, associate professors of physics at Clemson Agricultural College, South Carolina, have been awarded a National Science Foundation grant for a study of sulphur. An earlier announcement of the grant listed only Dr. Miller as the principal scientist.

P. A. M. Dirac, Lucasian professor of mathematics at Cambridge University in England, is planning to visit Princeton in April, and afterwards to proceed to the Canadian National Research Council in Ottawa. For the past several months he has been at the Tata Institute of Fundamental Research in Bombay. Professor Dirac, who had received an invitation to visit the Institute for Advanced Study in Princeton last summer, revealed on May 26th that his application for a U. S. visa had been "turned down". The visa applica-

tion was subsequently reconsidered, and he was granted a visa by the American Embassy in London in August.

John G. Froemel, formerly with the Radio Corporation of America, has joined the research and development staff of the Gulton Manufacturing Corporation Metuchen, New Jersey.

Andrew V. Haeff has been appointed director of the Research and Development Laboratories of Hughes Aircraft. Before joining Hughes in 1950 he was with the Naval Research Laboratory. New members of the Hughes Technical staff are: **Kent D. Broadbent**, **George J. Grammens**, **Ralph W. Lee**, **Joan May**, **Virginia Norwood**, **Charles W. Perkins**, and **Burton W. Randolph**.

Amron H. Katz, formerly with the Aerial Reconnaissance Laboratory, Wright Air Development Center at Dayton, Ohio, has accepted an appointment with the missiles division of the Rand Corporation, Santa Monica, California.

Paul E. Klopsteg left his position as associate director of the National Science Foundation on December 31 to return to his home at Glenview, Illinois. He is establishing his office at Glenview to undertake consulting activities in research and education in the science and engineering fields. Dr. Klopsteg will continue to serve as a member of the Personnel Security Review Board of the Atomic Energy Commission. He will also serve as special consultant to the National Science Foundation and to the dean of the Technological Institute at Northwestern University.

Herman F. Mark, director of the Institute of Polymer Research at the Polytechnic Institute of Brooklyn, has been elected chairman of the American Chemical Society's division of polymer chemistry for 1955, succeeding **Raymond M. Fuoss**, Sterling professor of chemistry at Yale University. Other officers of the division are **Raymond F. Boyer**, chairman-elect, and **Joseph Dec**, secretary-treasurer.

Arthur G. Milnes, principal scientific officer of the British Ministry of Supply, has joined the faculty of Carnegie Institute of Technology as visiting associate professor of electrical engineering. Professor Milnes comes to this country under a fellowship granted by the Royal Society of London in conjunction with the U. S. National Academy of Sciences.

Carl F. J. Overhage, Jr., formerly assistant director of the color technology division at Eastman Kodak, has been appointed a technical division head at MIT's Lincoln Laboratory.

Gilbert N. Plass, of Johns Hopkins, is a visiting associate professor of physics at Michigan State College; a member of the College's physics staff, **Richard Schlegel**, is visiting Cambridge University's Cavendish Laboratory for the present academic year. Two appointments, **T. Harvey Edwards** and **George B.**

Beard, assistant professor and instructor, respectively, were also announced by Michigan State.

William Prager, of Brown University, was invited to give the 1955 James Clayton Lecture to the Institution of Mechanical Engineers in London on January 4th. Professor Prager's subject was a survey of recent achievements in the theory of plasticity.

E. George Roka, supervisor of the semiconductor group at the Honeywell Research Center in Minnesota, has accepted an appointment as head of Delco Radio Division's newly established "semiconductor activity", part of its engineering department.

Duane Roller has resigned as editor of *Science* and *The Scientific Monthly*; on February 1st he joined the technical staff of Ramo-Wooldridge Corporation, Los Angeles.

Bernard Salzberg, of the Naval Research Laboratory, has been presented with the Institute of Radio Engineers' annual Harry Diamond Memorial Award. Given to government personnel for outstanding work in radio and electronics, the award was made in recognition of Dr. Salzberg's "contributions in the fields of electronic tubes, circuits, and military electronics".

John B. Smyth has been awarded the third annual Electronics Achievement Award of Region 7 of the Institute of Radio Engineers "for his many contributions to the field of electromagnetic wave propagation". Dr. Smyth is in charge of research on radio wave propagation at the Navy Electronics Laboratory.

Malvin D. Stern, from Temple University, has joined the colloids section of the Franklin Institute in Philadelphia.

William D. Walker, formerly at the University of Rochester, has been appointed assistant professor of physics at the University of Wisconsin. Kenneth M. Watson has been promoted from assistant to associate professor.

Alfred Weissler, former chief of the Washington office of the Office of Ordnance Research, has moved to the research grants branch of the National Cancer Institute, Bethesda, Maryland.

George W. Wood, visiting professor of physics at Tulane University during 1953-54, has been appointed technical associate to work with the National Research Council's Committee on Undersea Warfare.

W. Jacque Yost has resigned his position as technical assistant to the director of the Field Research Laboratories, Magnolia Petroleum Company, to accept a newly created position as director of research for the Ohio Oil Company.

William A. Zisman, head of the Surface Chemistry Branch of the Naval Research Laboratory, has been awarded the Navy's Distinguished Civilian Service Award for his "outstanding research in the field of lubrication".

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