

The following physicists have joined the staff of the Oak Ridge National Laboratory: Joel Bengston, from Yale University; George H. Bowen, Jr., California Institute of Technology; James F. Ellis, Carson-Newman College; Eugene Newman, Jr., Polytechnic Institute of Brooklyn; Bernard G. Saunders, AEC, Oak Ridge; Efrem S. Schwartz, Battelle Memorial Institute; Daniel W. Scott, III, University of Texas; George T. Chapman, Birmingham-Southern College; Clarence W. Blue, Modern Music Co.; and William A. Mills, AEC, Oak Ridge, Whitney D. King, formerly with the Sangamo Electric Company, and Fred L. Lewis, from western Kentucky State College, have been appointed to the Gaseous Diffusion Plant staff at Paducah, Kentucky. Richard M. Collier, from Vanderbilt University, has joined the staff of the Y-12 Plant at Oak Ridge. ORNL, the Gaseous Diffusion Plant, and the Y-12 Plant are operated for the AEC by the Union Carbide and Carbon Chemicals Company.

Wilson S. Brubaker, section manager of the physics department of the Westinghouse Electric Corporation, has been appointed to the position of senior research physicist at Consolidated Engineering Corporation, Pasadena, California.

Frank M. Clark, a member of the materials and process division staff of the General Electric Company's general engineering laboratory at Schenectady, has been designated a United States representative to the International Conference on Large Electric Systems, which meets every two years in Paris.

J. Clay is retiring this year as director of the Natuurkundig Laboratorium of the University of Amsterdam. His successor will be G. W. Rathenau, formerly with the Philips Laboratories in Eindhoven, Holland.

Charles A. Domenicali, associate physics professor at Alfred University, has joined the technical staff of the solid state physics division of the Franklin Institute Laboratories for Research and Development in Philadelphia.

The physics department of Syracuse University has announced the promotion of Nathan Ginsburg from associate to full professor and of Melvin Lax and John W. Trischka from assistant to associate professors. Professor Trischka has been granted a one-year leave of absence to participate in the research program at Columbia University's Radiation Laboratory. Harry L. Frisch, formerly of the Polytechnic Institute of

Brooklyn, is the first research associate to be appointed in the Syracuse physics department.

A number of distinguished physicists from abroad have lectured at institutions in the United States during the autumn whistle-stop season. C. J. Gorter, director of Kamerlingh Onnes Laboratory at the University of Leiden in the Netherlands, gave three lectures at Stanford University, presented seminars at Iowa State College, and was also scheduled to speak at the California Institute of Technology and at the University of California, L. F. Bates of the department of physics at the University of Nottingham, England, recently spoke on certain aspects of ferromagnetism at seminars at Iowa State College. Clifford C. Butler, of the University of Manchester, England, spent seven weeks in the United States, visiting and lecturing at several of the leading cosmic-ray centers, including Caltech, the University of California, Massachusetts Institute of Technology, the University of Chicago, and Princeton University. In October, Nobel Laureate Sir John Cockcroft delivered two lectures at Caltech on physics research at the British Atomic Energy Research Establishment at Harwell, of which he is the director.

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New members of the physics department staff at the University of Texas are Joseph C. Grosskreutz, formerly of the California Research Corporation, Eugene Ivash from the University of Michigan, and Walter Millett from the University of Florida.

Beno Gutenberg, professor of geophysics and director of the seismological laboratory at the California Institute of Technology, has been awarded the Charles Legrange Prize, presented every four years by the Academie Royale de Belgique, Classe des Sciences, for outstanding achievements in geophysical research.

Kent D. Lawson, physics instructor at Rensselaer Polytechnic Institute, received a grant for research on high-frequency resonances in ferrites from the National Research Corporation Scientific Trust.

Yin-Yuan Li, specialist in solid state physics and research assistant at the University of Illinois, has joined the staff of Horizons Incorporated as research supervisor in the physics department of the company's laboratory in Cleveland.

R. Carroll Maninger, leader of the applied physics group of the Vitro Corporation of America, has been promoted to the position of acting director of the physical research and development department at the company's laboratory in West Orange, New Jersey.

Grace C. Mulligan, physicist in the mechanics division of the National Bureau of Standards, retired on October 31 after forty-two years of government service. Mrs. Mulligan was the first woman scientist in the Bureau.

Eric M. Wormser, formerly in charge of the physicsoptics group at the Servo Corporation of America, has joined the staff of Olympic Development Company of Stamford, Connecticut as chief of the electro-optical engineering department.