

medal, which has been given six times since it was first awarded in 1957, will be presented to Onsager on 7 May in Amsterdam during the academy's 150-year anniversary celebration.

PAUL P. WEINSTEIN of the National Institutes of Health, Bethesda, Md., has received the Bailey K. Ashford Medal of the American Society of Tropical Medicine and Hygiene.

RONALD P. BELL, university reader in physical chemistry and fellow of Balliol College, Oxford, England, will deliver the Baker lectures in chemistry at Cornell University beginning in February 1958. He will speak on "The proton in chemistry."

ERNEST A. MARTINELLI, former head of the nuclear physics department at Aeroneutronics Systems, Inc. (1956-57), has joined the Rand Corporation, Santa Monica, Calif., as a member of the theoretical physics staff. From 1950 to 1956 Martinelli was on the staff of the University of California Radiation Laboratory at Livermore and Berkeley.

Beginning with the 1957-58 academic year, Tuskegee Institute is offering a major in biology. JAMES H. M. HENDERSON has been named head of the department of biology. He was professor of biology in the School of Agriculture before Tuskegee's recent reorganization, and he continues as a research associate at the Carver Foundation.

R. L. KYHL and H. F. WEBSTER of the Research Laboratory, General Electric Company, Schenectady, N.Y., will receive the 1958 W. R. G. Baker Award of the Institute of Radio Engineers for their paper on the "Breakup of Hollow Cylindrical Electron Beams" that appeared in the October 1956 issue of *IRE Transactions on Electron Devices*. The award is given annually to the authors of the best paper published in the transactions of the IRE professional groups.

ARTHUR KARP of Bell Telephone Laboratories, Inc., Holmdel, N.J., has been named recipient of the 1958 Browder J. Thompson Memorial Prize Award for his paper on "Backward-Wave Oscillator Experiments at 100 to 200 Kilocycles" that appeared in the April 1957 issue of *Proceedings of the IRE*. The Thompson award is given annually to an author under 30 years of age for a paper recently published by the IRE which constitutes the best combination of technical contribution and presentation of the subject. Both awards will be presented at the annual IRE banquet on 26 March 1958 at the Waldorf-Astoria Hotel in New York during the institute's 1958 national convention.

The following Russian medical scientists have arrived for a month's stay in the United States. ZOIA DOROFEEVA and NINA ZHDANOVA, heart specialists, will study cardiology and cardiac rehabilitation with Paul Dudley White of Boston, Mass., and Ancel B. Keys of Minneapolis, Minn. NIKOLAI VIAZEMSKI, psychiatrist, and DMITRI LUNEV, a neurologist, will spend their time with Howard A. Rusk, director of Physical Medicine and Rehabilitation at New York University-Bellevue Medical Center.

ROGER H. CHARLIER, until recently chairman of the department of geology and geography at Hofstra College, is leaving this month for Paris, where he will be a visiting faculty member in the department of marine and submarine geology for the period January-July 1958. He is on leave of absence from Hofstra.

JAMES A. REYNIERS, director of the Lobund Institute, University of Notre Dame, received the second Griffin Award during the recent annual meeting of the Animal Care Panel. The award is presented to the individual who has most significantly advanced the concept of improved laboratory animal quality.

RALPH T. ESTERQUEST, director and secretary of the Midwest Inter-Library Center and Corporation of Chicago, will become librarian of the Harvard Medical School, School of Dental Medicine, and School of Public Health on 1 January. Esterquest will also be a member of the faculties of medicine and public health at Harvard. The Medical Area Library is a division of the Harvard University Library.

Esterquest's appointment is the initial step in a program of reorganization and expansion of the Medical Area Library which will strengthen its role in the teaching and research activities of the three schools.

PAUL S. GRANVILLE, physicist in the Navy's David Taylor Model Basin, Washington, D.C., was awarded the Captain Joseph H. Linnard Prize by the Society of Naval Architects and Marine Engineers for the best paper contributed to the proceedings of the society during 1956. He was honored for his work on "The Viscous Resistance of Surface Vessels and the Skin Friction of Flat Plates."

CHANDLER A. STETSON, JR., has been named professor and chairman of the department of pathology at the New York University College of Medicine. The appointment will become effective at the close of the 1957-58 academic year, when LEWIS THOMAS, the present incumbent of the chair, becomes chairman of the department of medicine.

Recent Deaths

N. P. ANDERSON, Los Angeles, Calif.; 58; president of the American Academy of Dermatology; 2 December.

MAURICE BRUGER, New York, N.Y.; 53; director of the department of clinical pathology and chief of the thyroid clinic at University Hospital of New York University-Bellevue Medical Center, and associate professor of medicine at the center's Post-Graduate Medical School; specialist in metabolic diseases; 26 November.

JAMES M. CORK, Ann Arbor, Mich.; 63; professor of physics at the University of Michigan and a member of the department of physics since 1920; an early researcher with particle accelerators who had gained an international reputation for extensive studies of x-rays, radioactivity, and atomic structure; 20 November.

OSBERT CRAWFORD, Southampton, England; 71; pioneer in the use of aerial photography for archeological research; 29 November.

WILLIAM EASBY, JR., Philadelphia, Pa.; 95; retired civil engineering professor at the University of Pennsylvania; 2 December.

JOHN J. FRANK, Pittsfield, Mass.; 84; a retired electrical engineer who held more than 40 patents for improvements in transformer design; member of the staff of the General Electric Company, Schenectady, N.Y., from 1894 to 1932; 28 November.

ANDREW HECHT, New York, N.Y.; 54; head of Bonus Books, publishers of soft-cover medical books; 2 December.

J. K. PLUMMER, Atlanta, Ga.; 71; director of the Tennessee Corporation, College Park, Ga., and its manager for 37 years; pioneer in promotion of use of trace elements in agriculture; 10 November.

DOMINGO ROSILLO, Havana, Cuba; 81; aviation pioneer in Cuba; made the first flight between Cuba and the United States; 28 November.

MANFRED J. SAKEL, New York, N.Y.; 57; pioneer in psychiatry and originator of insulin shock therapy for schizophrenia; 2 December.

THOMAS D. SPEIDEL, Minneapolis, Minn.; 49; head of the division of orthodontics at University of Minnesota School of Dentistry; 1 December.

EUGENE L. SWAN, Boston, Mass.; 82; child psychiatrist and pioneer in boys' camping work; 2 December.

ABBY HOWE TURNER, South Hadley, Mass.; 82; professor emeritus and first chairman of the physiology department of Mount Holyoke College; 26 November.

DELMAR YOUNG, Port Washington, N.Y.; 48; professor of dairying at the University of Delaware; 28 November.