

dition to special training and the opportunity for supplementing college courses with work in a professional laboratory, students obtain both academic and career guidance through contact with professional men and women.

Antarctica a Group of Islands?

G. A. Avsyuk, who is in charge of the glaciological investigations of the Soviet International Geophysical Year Committee, recently told a Tass correspondent that Soviet scientists suspect that Antarctica is not an ice-capped continental land mass but a group of islands. Exchanges with American, British, Norwegian, and Swedish expeditions in other parts of the Antarctic have confirmed that the ice cap in several places is below sea level.

Scientists in the News

ROBERT B. CASADY, formerly associate professor in animal industry and zoology at North Carolina State College, has been appointed director of the U.S. Rabbit Experiment Station, Fontana, Calif., succeeding GEORGE S. TEMPLETON, who has retired after 23 years of service.

JEROME ROTHSTEIN has joined Edgerton, Germeshausen and Grier, Inc., of Boston, Mass., as a senior scientific executive. He will be responsible for the execution of research and development projects. Rothstein has for the past 15 years conducted research at the U.S. Army Signal Corps Laboratory, Fort Monmouth, N.J. His work has included the design of the reentrant annode seal for high-power thyratrons and the use of titanium hydride as a reservoir material to replenish hydrogen in high-power thyratrons. Both of these developments are now standards for industry.

CHARLES W. SHEPPARD has joined the department of physiology at the University of Tennessee Medical School as an associate professor. Formerly he was associate director of the Biology Division, Oak Ridge National Laboratories. Sheppard is conducting investigations in cardiovascular physiology, especially dye mixing in the circulating blood.

HORACE A. HOLADAY, who has been with E. R. Squibb and Sons for 37 years, has retired from active service. Holaday graduated from the University of Colorado. He then taught chemistry there and later at the University of Idaho. He took graduate work at the

Universities of Colorado, Idaho, Columbia, North Dakota, and Chicago. After serving in the Army in World War I, he returned to Columbia University and then went to North Dakota College, where he became head of the division of food and physiological chemistry.

In 1920, Holaday joined Squibb as director of biochemical research. His most recent post was that of assistant to the vice president and director of manufacturing operations.

RICHARD T. SCHLICK, formerly on the development staff of Leeds and Northrup, has been appointed chief chemist, instrumental methods, for Fisher Scientific Company, Pittsburgh, Pa.

ERNEST HAVEMANN, magazine writer, is the first winner of the American Psychological Association's newly established \$500 award for distinguished science writing in the field of psychology. He was honored for a five-part series in *Life* magazine, 7 Jan. 1957 to 4 Feb. 1957, on psychology and psychiatry in American life today.

ERNEST O. LAWRENCE, Nobel laureate and professor of physics at the University of California, has been named winner of the first Sylvanus Thayer award of the Association of Graduates of the United States Military Academy. The presentation will take place at West Point next March.

The award is named for the superintendent of the academy from 1817-33. It is to be given annually to an American citizen whose service and accomplishments in the national interest exemplify the principles expressed in West Point's motto—"Duty, Honor, Country."

WILLIAM H. PEARLMAN, biochemist and specialist in steroid hormone action in relation to problems in human reproduction and cancer, has returned from 3 years of work at Guy's Hospital Medical School in London to join the staff of the Waldemar Medical Research Foundation, Port Washington, L.I., as associate scientific director.

K. E. MARPLE, manager of the Denver Agricultural Research Laboratory of the Shell Development Company, has been named director of the company's Agricultural Research Division. The division's laboratories at Denver, Colo., and Modesto, Calif., are being consolidated in new facilities now under construction at Modesto. Marple will assume his new duties there on 15 Nov. He replaces S. H. McALLISTER, who has been appointed manager of Shell Chemical Corporation's Agricultural Chemical Sales Division, head office, New York.

T. R. HANSBERRY, manager of the Modesto laboratory, has been named assistant director of the division and will be in charge of the biological sciences.

MARY M. PORTER has been named chairman of a new department of clinical pathology at the Woman's Medical College of Pennsylvania. Two new faculty appointments have also been announced: IRVIN J. PINCUS is associate professor in the department of medicine, and ANTHONY L. PIETROLUONGO is associate professor in the department of pathology.

JASON J. NASSAU, head of the astronomy department at Case Institute of Technology, was honored on 7 Sept. when the institute's new astronomical station in Geauga County was dedicated in his name. Case's 36-inch Schmidt-type telescope, one of the largest instruments of its kind in the world, has been moved to the station from the Warner and Swasey Observatory on Taylor Road. The Warner-Swasey Company is completing work on another 36-inch reflecting telescope that will replace the Schmidt instrument at the Taylor Road observatory. This will be installed in 2 months and dedicated on 15 Dec.

JAMES S. BRIERLEY has been named to the newly created position of chief engineer, research planning, coordination, and administration for the Chrysler Corporation, Detroit, Mich. He will be responsible for establishing research program objectives, preparing technical research plans, and coordinating programs within the research organization as well as with other areas in the Engineering Division. Since joining the division in 1955, Brierley has been associated with the nuclear research program.

ARTHUR CHERKIN, chemist and vice president and director of research at Don Baxter, Inc., pharmaceutical house in Glendale, Calif., has been chosen to head the company's new international division. Also at Baxter, WILLIAM H. CORCORAN, formerly professor of chemical engineering at the California Institute of Technology, has accepted a post as head of the newly formed scientific division. He joined the company on 1 Sept. as vice president and scientific director.

JOHN H. MANHOLD, Jr., has been promoted to full professor and director of the department of oral pathology and diagnosis of Seton Hall College of Dentistry. In addition, he will serve as coordinator of research for the dental school. Manhold joined Seton Hall last

year after serving in a similar capacity at Washington University School of Dentistry in St. Louis. Seton Hall College of Dentistry started its second year of operation on 9 Sept. with 44 new students.

ROGER G. BATES has been appointed chief of the Physical Chemistry Section of the National Bureau of Standards. He succeeds E. R. SMITH, who retired in June. Bates, a specialist in pH measurement, has been a member of the NBS staff since 1939.

JOHN J. DROPKIN has been named head of the physics department at Polytechnic Institute of Brooklyn, where he has been a faculty member since 1948. He succeeds PAUL P. EWALD, who will remain at Polytechnic as professor of physics. A pioneer in the field of x-ray crystallography, Ewald joined Polytechnic from Belfast University in 1949.

FATHOLLAH K. MOSTAFI, has been appointed scientific director of the American Registry of Pathology at the Armed Forces Institute of Pathology. He succeeds HUGH G. GRADY, who resigned the post to become professor of pathology at the Seton Hall College of Medicine and Dentistry. Mostafi has been chief of the Genito-Urinary Section of AFIP since 1948, a post he will continue to hold in addition to his new appointment.

DAVID TURNBULL, manager of the chemical metallurgy section at General Electric Research Laboratory, Schenectady, N.Y., recently sailed for England, where he will spend 6 months studying and lecturing at Cavendish Laboratory, Cambridge University. The "research leave" granted to Turnbull is part of a new program at General Electric designed to give the company's scientists an opportunity to spend 6 months in post-graduate studies at leading universities here and abroad. The new type of leave at G.E. was created to parallel the sabbatical leave in academic institutions.

CHARLES P. HUTTRER, assistant chief in the Cancer Chemotherapy National Service Center, National Cancer Institute, has been appointed assistant chief in the grants and training branch of the National Heart Institute.

VINCENT SAUCHELLI, director of agricultural research at Davison Chemical Company, a division of W. R. Grace and Company, has joined the staff of the National Plant Food Institute, Washington, D.C., as chemical technologist.

ALBERT CAROZZI, formerly of the University of Geneva, Switzerland, has been appointed associate professor in the

department of geology at the University of Illinois. He will teach structural geology and related subjects. Carozzi was visiting assistant professor at Illinois in 1955-56.

ISLES STRACHAN of the University of Birmingham, England, is visiting lecturer at the University of Illinois for the current year. A specialist on graptolites, he will teach paleontology.

WILLIAM SHARP McCANN, emeritus Dewey professor of medicine in the University of Rochester School of Medicine and Dentistry and emeritus physician-in-chief at Strong Memorial Hospital, has been named a visiting professor in Cornell University's Sloan Institute of Hospital Administration.

GRACE B. BELL has been appointed dean of the College of Osteopathic Physicians and Surgeons (Los Angeles). She has been serving as professor and executive in the college's department of biochemistry.

Brig. Gen. THEODORE A. WEYHER has been appointed dean of the School of Engineering of the University of Miami. He retired in June from his post as commanding general of the Army Ordnance Weapons Command.

LLOYD W. ROOT, former associate professor of physics at the University of Dayton, has been named director of research for the precision optical glass division of George Behm and Sons Company, Dayton, Ohio.

Recent Deaths

CHARLOTTE A. BRAGG, Melrose, Mass.; 94; retired in 1929 as professor of chemistry at Wellesley College; 31 Aug.

GEORGE G. BROWN, Ann Arbor, Mich.; 60; chemical engineer; dean of the University of Michigan College of Engineering since 1951; pioneer in combustion and fractional distillation; former director of the U.S. Atomic Energy Commission's Division of Engineering; 26 Aug.

SNOWDEN D. FLORA, Topeka, Kan.; 78; meteorologist in the Topeka Weather Bureau Office, 1905-49; named chief meteorologist for Kansas in 1912; developed flood prediction scheme that enabled him to forecast the 1935 flood level 24 hours in advance; 27 Aug.

PETER FREUCHEN, New York, N.Y.; 71; Danish explorer and author; founder and governor of the Thule colony in Greenland; made expeditions to Arctic Canada, Greenland, Hudson Bay, Arctic Circle; underground leader in Denmark during the German occupation in World War II; held the Danish Royal

order of Merit with two bars; United Nations correspondent for *Politiken*, largest newspaper in Denmark; 31 Aug.

CONRAD JOBST, Toledo, Ohio; 67; mechanical engineer who invented an elastic stocking to ease varicose veins; former chief engineer of the Toledo Automatic Brush Company and the Stapletied Brush Company; 28 Aug.

EUGENE J. KELLY, Yardley, Pa.; 53; former member of the dental faculty of Columbia University; past president of the Northeastern Society of Orthodontists; 20 Aug.

ROY H. KIENLE, Riverside, Conn.; 61; director of the research service department in the Stamford (Conn.) Laboratories of American Cyanamid Company; research chemist at General Electric Company, Schenectady, N.Y.; 1919-33; 2 Sept.

EDGAR L. LONGAKER, Philadelphia, Pa.; 75; pioneer in the development of storage batteries for submarines and automobiles; retired manager of design engineering for the Exide Industrial Division of the Electric Storage Battery Company; 29 Aug.

HENRY B. ORTON, Newark, N.J.; 71; internationally known laryngologist who advocated deep-neck surgery in cases of cancer of the larynx; former professor of laryngosurgery at New York Polyclinic Medical School and Hospital; 1 Sept.

GEORGE RETIVOV, New York, N.Y.; 59; electrical engineer; White Russian who fought in the Russian revolution of 1917; resided in Germany and Czechoslovakia until coming to this country after World War II; 1 Sept.

WILLIAM RAMBHAAR, New York, N.Y.; 70; specialist in synthetic resins; established Krumbhaar Chemicals, Inc., South Kearny, N.J.; 26 Aug.

ROBERT L. SIBLEY, Abilene, Tex.; 69; chemist, retired in 1952 from Monsanto Chemical Company as research director and general manager of the rubber services department in Nitro, W.Va.; 18 Aug.

WINIFRED B. STEWART, Philadelphia, Pa.; 56; professor of neurology at Woman's Medical College of Pennsylvania; former director of the neuropsychiatric division of Quarter Sessions Court and visiting chief of the psychiatric department of Philadelphia General Hospital; 20 Aug.

Erratum: The recent obituary notice for Ward Evans [*Science* 349, 126 (23 Aug. 1957)] contains the inaccurate statement that he was the "lone member of the Atomic Energy Commission's special three-man Personal Security Board of 1954 who ruled that J. R. Oppenheimer was a loyal citizen." It is correct that Evans was the only member of the board who recommended that Oppenheimer should retain his security clearance; however, the majority report affirmed emphatically the belief that Oppenheimer was a loyal citizen and pointed out his eminent services to his country.