As is known, anomalous bright nights, very high nocturnal clouds, vividly colored twilight, and other occurrences follow immediately after such phenomena, as was reported by many witnesses in Russia and also by some in Western Europe. It may be possible that data concerning anomalous optical phenomena in the terrestrial atmosphere were also recorded at different meteorological stations, geophysical observatories, and other sites and were published in the scientific literature of your country. We shall be greatly indebted to you if you will help us obtain the following information concerning such data reported in the United States: (i) The presence of abnormally bright nights, with particulars; the intensity of the illumination of the earth's surface; (ii) the presence of abnormally intense twilight at sunset, or at sunrise, with a description; (iii) the occurrence of luminous nocturnal clouds and their development and movement; (iv) the variation of polarization of the day sky; and (v) other data concerning the state of high layers of the atmosphere. We would like to obtain these data for a period of 10 to 15 days after the fall of the meteorite.

V. FESSENKOV, *chairman*
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Committee on Meteorites,
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Grants, Fellowships, and Awards

Atmospheric sciences. The University Corporation for Atmospheric Research, with the support of a grant from the Alfred P. Sloan Foundation, Inc., has announced a program of graduate fellowships in the atmospheric sciences—meteorology and closely allied fields. These fellowships are open to undergraduate students who expect to receive degrees by August, and to graduate students in mathematics, physics, chemistry, engineering, geophysics, meteorology, and other physical sciences who wish to apply their earlier training to the study of the physical problems of the atmosphere.

The awards are for full-time graduate study of atmospheric science at any qualified institution having a graduate program in the field. The stipend is $4000 per academic year. Fellows may not be otherwise gainfully employed during the fellowship year; however, they are free to seek waivers of tuition from their universities. Summer research assistantships are available at most institutions. Awards will be announced on 31 March.

Churchill College. Churchill College, Cambridge, England, will admit a small number of postgraduate students in October 1960. For candidates from the United Kingdom and from overseas, there will be available: (i) one research studentship for a man who intends to proceed to the degree of Ph.D. at the University of Cambridge; and (ii) one postgraduate studentship for a man who intends to pursue approved courses leading to certain certificates or diplomas at the University of Cambridge. In addition, there will be one Gulbenkian research studentship reserved for candidates from overseas. Elections will be held in May 1960 for studentships to commence in October 1960.

Any man who on 1 May 1960 has not taken up residence in the University of Cambridge is eligible as a candidate (i) if he has graduated—or will have graduated before 1 October 1960—at a university other than Cambridge and is nominated by the authorities of his university, or (ii) if, not being a university graduate or prospective graduate, he can show evidence of exceptional qualification for research or for other study at the postgraduate level.

Every candidate must be nominated by his university or by an industrial or business organization and must submit his application through his nominators. Application forms may be obtained from the Tutor for Advanced Students, Churchill College, Cambridge. Completed forms and supporting documents must be returned to the tutor by *1 April.*

The research studentship will normally be for a 3-year period, and the postgraduate studentship, for 1 year. The amount will be determined by the College Council after consideration of the student's income from other sources; it will not exceed £465 a year plus payment by the college of approved college and university fees.

Gravity. The Gravity Research Foundation has announced that for the 11th year it is offering five awards for short essays on gravity. The awards will be made on 1 June for the best 1500-word paper on the possibilities of discovering: (i) some partial insulator, reflector, or absorber of gravity; or (ii) some alloy, or other substance, the atoms of which can be agitated or rearranged by gravity to throw off heat; or (iii) some other reasonable method of harnessing, controlling, or neutralizing gravity. The amounts of the awards will be $1000, $300, $200, $150, and $100, respectively. Essays must be sent *before 15 April* to the Gravity Research Foundation, New Boston, N.H.

Mycology. The New York Botanical Garden has announced the Gertrude S. Burlingham scholarship in mycology for advanced predoctoral study at the botanical garden during the summer of 1960. The stipend is $700; work under this appointment may begin at any time after 1 June and should continue for approximately 3 months. Nominations or applications must be sent *before 15 April* to: Director, New York Botanical Garden, Bronx Park, New York 58, N.Y.

Scientists in the News

Maxwell A. Rosenlicht, professor of mathematics at the University of California, Berkeley, was awarded the Nelson Cole Prize in algebra at the Chicago meeting of the American Mathematical Society. The award is presented once every 5 years for contributions to mathematical knowledge. Rosenlicht was selected for his work on the theory of generalized Jacobian varieties.

Two physics societies have announced the election of new presidents. **Victor F. Weisskopf** of Massachusetts Institute of Technology is president of the American Physical Society, and **Leonard O. Olsen** of Case Institute of Technology is president of the American Association of Physics Teachers.

Glenn T. Seaborg, chancellor of the University of California, Berkeley, will receive the Priestley Memorial Award of Dickinson College on 16 March for his work in nuclear chemistry.

Four Soviet biochemists are visiting the United States this month to survey U.S. research developments in metabolic diseases. **G. Gilbert Ashwell**, of the National Institute of Arthritis and Metabolic Diseases, is tour director for the group. The visiting scientists are: **Grachiya K. Bunyatyan**, of the Armenian Academy of Sciences; **Mikhail P. Chernikov**, of the Institute of Biology and Medical Chemistry of the U.S.S.R. Academy of Sciences; **Nikolai N. Demin**, of the U.S.S.R. Academy of Sciences; and **Ilya I. Ivanov**, of the Leningrad Pediatrics Medical Institute.

Gerard P. Kuiper, formerly with the Yerkes Observatory of the University of Chicago, has been named research professor in the Institute of Atmospheric Physics, professor in the department of astronomy, and astronomer in the Steward Observatory of the University of Arizona. **Hugh M. Johnson**, former assistant professor of astronomy at the State University of Iowa, has been appointed associate professor of astronomy and associate astronomer in the Steward Observatory.

The following scientists received awards at the third Robert H. Goddard Memorial Dinner, held in Washington, D.C., in connection with the National Missile/Space Conference.

Karel J. Bossart, of the Convair Division of the General Dynamics Corp., received the Robert H. Goddard Memorial Trophy.

Richard B. Canright, chief of research for the Douglas Aircraft Co., received the Astronautics Engineer Achievement Award.

Capt. Joe B. Jordan of the Air Research and Development Command of the Air Force received the Joy Aerospace Flight Award.

Dale C. Cameron, director of the division of medical services of the Minnesota Department of Public Welfare, has been recommissioned in the U.S. Public Health Service, with which he served from 1937 to 1954. He is assigned to the training branch of the National Institute of Mental Health to conduct a study of mental-health facilities in Europe; later this year he will become assistant superintendent at St. Elizabeths Hospital, Washington, D.C.

The following scientists have received the 1959 Borden Awards. The nine gold medals and $1000 prizes were administered by the designated professional and scientific societies.

The American Chemical Society selected **Charles A. Zittle**, head of fluid concentrates stability investigations at the Eastern Regional Research Laboratories of the U.S. Department of Agriculture, for his investigations of the stability of milk components.

The American Dairy Science Association named **Marvin L. Speck**, professor of dairy bacteriology at North Carolina State College, for work on nutrition bacteria, and **N. L. Van Demark**, professor of physiology in dairy science at the University of Illinois, for research on reproduction in dairy cattle.

The American Home Economics Association named **Mary B. Patton**, professor of home economics at Ohio State University, for a group of nutrition studies.

The Association of American Medical Colleges selected **Theodore T. Puck**, professor of biophysics at the University of Colorado School of Medicine, for developing a method of cultivating and studying single mammalian cells.

The American Institute of Nutrition named **Harry Steenbock**, emeritus professor of biochemistry at the University of Wisconsin, for work in mineral metabolism and physiological chemistry.

The American Academy of Pediatrics selected **Harold C. Stuart**, emeritus professor of maternal and child health at the Harvard School of Public Health, for work on the growth patterns of infants and children.

The Poultry Science Association named **A. V. Nalbandov**, professor of animal physiology at the University of Illinois, for work on the endocrinology of growth and reproduction in the fowl.

The American Veterinary Medical Association selected **Peter Olafson**, professor of veterinary pathology and head of the department of pathology and bacteriology at the New York State Veterinary College of Cornell University, for work on diseases of dairy cattle.

Robert A. Bass has been named chief scientist for the Aerospace Division of Aeronca Manufacturing Corp., Baltimore, Md., to direct research in celestial mechanics and trajectory theory. Bass, who will be a U.S. delegate to the International Federation of Automatic Control Congress in July, has held research positions at Johns Hopkins and Princeton universities.

Leon R. Lezer, acting chairman of the department of preventive medicine at the College of Medicine of the University of Vermont, is on leave on a Commonwealth Fellowship until 1 September.

Charles M. Mottley, director of marketing and operations research for Chas. Pfizer and Co., Inc., has joined the Stanford Research Institute, Menlo Park, Calif., as senior scientist and chairman of the planning board.

Recent Deaths

Roger W. Bledsoe, Gainesville, Fla.; 52; botanist; associate director of the Florida Agricultural Experiment Station; 24 Jan.

Ovid Butler, Washington, D.C.; 79; pioneer in forest conservation; executive director of the American Forestry Association, and editor of its publications, from 1923 to 1946; former president of the Society of American Foresters; 20 Feb.

Winchell Craig, Rochester, Minn.; 67; pioneer in neurosurgery; special assistant to the Secretary of Health, Education, and Welfare; head of the neurological section of the Mayo Clinic from 1946 to 1955; 12 Feb.

Jerome B. Green, Bethesda, Md.; 61; physicist on the staff of the Operations Research Office of Johns Hopkins University; former assistant chief of the research department of the Naval Ordnance Laboratory; expert on spectroscopy; 27 Jan.

Robert Hutchison, Streatley, England; 88; specialist in children's diseases and on dyspepsia; former president of the Royal College of Physicians and the Royal Society of Medicine; 12 Feb.

Igor V. Kurchatov, Moscow, U.S.S.R.; 57; physicist who helped develop the first Soviet atomic and hydrogen bombs; director of the Soviet Institute of Atomic Energy and a member of the Presidium of the U.S.S.R. Academy of Sciences; 7 Feb.

Henry Marshall, New York, N.Y.; 69; oral surgeon; former assistant professor of oral surgery at the College of Dentistry of New York University; 18 Feb.

Ellsworth V. McAtee, Fairbanks, Alaska; 37; research physiologist at the Arctic Aeromedical Laboratory; 5 Feb.

Samuel A. Mitchell, Bloomington, Ind.; 85; director emeritus of the Leander McCormick Observatory of the University of Virginia; authority on solar eclipses; pioneer in the computation of star distances; 22 Feb.

George Winchester, New Brunswick, N.J.; 85; head of the physics department at Rutgers University for 25 years and professor emeritus since 1946; recently did research on the electrical properties of aluminum; 15 Feb.

Erratum: Two figures in the tabular presentation of AAAS membership [*Science* **131**, 510 (19 Feb. 1960)] were inaccurate. New members elected were 7883, not 7165; net increase during 1959 was 2142, not 1424.