National Laboratory; and at the University of Kansas or the University of Washington, and the Hanford Atomic Products Operation.

The Oak Ridge Institute of Nuclear Studies, which administers these fellowships for the AEC, has announced an application deadline of *2 January 1959* for appointments that will take effect the following fall. A brochure describing the program and application materials are available from the Radiological Physics Fellowship Office, University Relations Division, Oak Ridge Institute of Nuclear Studies, P.O. Box 117, Oak Ridge, Tenn.

Science teaching. The AAAS is administering the National Science Foundation's new program of summer fellowships for secondary school teachers of science and mathematics. The primary purpose of the 750 awards is to provide an opportunity for secondary school teachers to enhance their effectiveness as teachers through the further study of the subject matter of science and mathematics.

In this new program, a fellow is enabled to pursue individually planned study programs at an institution of his or her choice. Fellows are selected in a national competition. Applications should not be sent to colleges or universities, but directly to the AAAS. A special feature of this program that may be of interest to many teachers is the provision which allows up to three successive summers in which to study under the same award.

Selection of fellows will be made by the foundation solely on the basis of ability. An application may be submitted by any citizen of the United States who (i) now teaches in a secondary school in the United States, its territories, possessions, or the District of Columbia, (ii) will have had by 1 July 1959 not less than 3 years of experience as a full-time secondary school teacher of science or mathematics, (iii) holds a baccalaureate degree or its equivalent, and (iv) intends to continue teaching. For the purpose of this program, a science or mathematics teacher is defined as one who teaches during each school year at least one class in either science or mathematics in a secondary school.

Stipends will be computed at the rate of $75 per week for each week of tenure. Married fellows will be provided with a dependency allowance of an additional $15 per week for spouse and $15 per week for each dependent child. An allowance to aid in defraying costs of travel of the fellow to his fellowship institution and return will be available. The travel allowance will be computed at the rate of 6 cents per mile but may not exceed $80 in any one summer. Tuition and certain fees assessed and collected from individuals of similar academic standing will be paid by the foundation.

Application materials may be obtained from the Teacher Program, American Association for the Advancement of Science, 1515 Massachusetts Ave., NW, Washington 5, D.C. Completed materials must be received by the association not later than *19 January 1959*. Fellowships will be awarded on 25 March 1959.

Scientists in the News

HARRISON BROWN, professor of geochemistry at the California Institute of Technology, received the $2500 Albert Lasker Award in Planned Parenthood during the annual luncheon of the Planned Parenthood Federation of America that took place in New York on 19 November. He was honored for his synthesis of scientific data "into a comprehensive picture of the resources man needs to sustain himself" and for his intensive efforts to bring these findings before the public through lectures, articles, seminars with businessmen, and two major books, *The Challenge of Man's Future* and *The Next Hundred Years*. The citation stated:

"Dr. Brown has vigorously developed the central thesis that population limitation is as indispensable to the survival of mankind as the discovery of new sources of energy. He has alerted us to the necessity of coupling birth control with the development of resources and the introduction of public health techniques (i.e., 'death control'), if underdeveloped areas are successfully to make the transition to industrial civilization and hunger and privation are to be eliminated from the world."

VICTOR F. HESS, winner of the Nobel prize for the discovery of cosmic rays, has been awarded Fordham University's Insignis Medal. The medal—a memorial to Saint Ignatius Loyola, the Spanish Nobleman who founded the Jesuit Order—is awarded to Catholic leaders for extraordinary distinction in the service of God through excellent performance in their professions.

Hess has been a member of the Fordham faculty since 1938. At present, as professor emeritus, he is actively engaged in research. He is conducting one of the nation's four laboratories for the testing of radioactivity in the breath of persons whose jobs bring them into contact with radium. This year he completed a study of the distribution above and below ground of the principal ionizing agents in the lower atmosphere.

WORDEN WARING, formerly chemistry group leader in the Semiconductor Development Laboratory of Raytheon Manufacturing Company, Newton, Mass., has joined the Fairchild Semiconductor Corporation, Palo Alto, Calif., as head of the chemistry section.

New members of the research staff of General Atomic's John Jay Hopkins Laboratory for Pure and Applied Science, San Diego, are as follows:

FREEMAN J. DYSON, a specialist in the physics of elementary particles, is on leave of absence from the Institute for Advanced Study at Princeton.

ROBERT R. WILSON, specialist in proton-proton scattering, is on leave of absence from Cornell University, where he is professor of physics and director of the Laboratory for Nuclear Studies.

DAVID H. GURINSKY, specialist in liquid metal technology, has served for 11 years as head of the metallurgy division at the Atomic Energy Commission's Brookhaven National Laboratory.

R. OMAR RILETT, formerly associate professor of biology at the University of Buffalo, has taken up his new duties as professor and head of the department of biological science at Illinois State Normal University, Normal, Ill. He succeeds ERNEST M. R. LAMKEY, who has retired. Rilett recently returned from a sabbatical, which he spent as visiting investigator at the Pest Infestation Laboratory, Slough Bucks, England.

WALLACE E. FRANK, formerly head of the bioengineering branch of the Franklin Institute Laboratories for Research and Development, has been named executive vice president of the Spitz Laboratories, Yorklyn, Del. Spitz Laboratories, manufacturer of the Spitz planetariums, are at present also working on development of other devices, including a lunar probe simulator for the Army Ballistic Missile Agency at Redstone Arsenal.

D. R. McMILLAN, professor of physics and member of the Emory University faculty for 25 years, has resigned to accept the chairmanship of the department of physics and mathematics at Alabama College, Montevallo.

THEODOSIUS DOBZHANSKY, professor of zoology at Columbia University, will lecture on biology and genetics at the University of Sydney, Sydney, Australia, during 1959–60. Dobzhansky is a geneticist and a specialist in the evolutionary differentiation of species.

VICTOR K. LA MER, professor of chemistry at Columbia, will also go to Australia next year. He will lecture on physical chemistry in the Division of Chemistry, Commonwealth Scientific Industrial and Research Organization, Melbourne.

HANS ERNST, research engineer, has been appointed to the University of Cincinnati's newly created Herman Schneider research professorship in the College of Engineering. For 32 years he was director of research at the Cincinnati Milling Machine Company, from which he retired in 1957.

KENNETH W. PRESCOTT, director of the Kansas City Museum (Mo), has been named by the Academy of Natural Sciences, Philadelphia, Pa., to the new post of managing director of the Philadelphia National History Museum. Prescott is a zoologist whose specialty is ornithology.

The following mathematicians have reported new appointments for the academic year 1958–59.

B. H. BISSINGER, associate professor on leave from Lebanon Valley College, has been awarded a National Science Foundation science faculty fellowship and will spend the year with the statistical research group at Princeton University.

J. B. CHICCARELLI, assistant professor at Fordham University, has received a National Science Foundation science faculty fellowship and will be at New York University.

L. E. PAYNE, associate professor on leave from the University of Maryland, has been awarded a National Science Foundation senior postdoctoral fellowship and will be at Kings College, Newcastle-upon-Tyne, England.

H. A. ANTOSIEWICZ of the National Bureau of Standards, Washington, D.C., has been appointed visiting associate professor at the University of Southern California.

HERBERT BUSEMANN, professor on leave from the University of Southern California, has been appointed visiting professor at Harvard University.

R. K. BUTZ, assistant professor at Colorado State University, has been appointed associate professor at Alabama Polytechnic Institute.

D. G. CHAPMAN, professor on leave from the University of Washington, has been appointed visiting professor at North Carolina State College.

P. G. COMBA, associate professor at the University of Hawaii, will be on leave at the Western Data Processing Center of the University of California, Los Angeles.

BYRON COSBY, Jr., associate professor at the State University of Iowa, has been appointed professor at the University of Texas.

C. H. CUNKLE, associate professor at Dickinson College, has accepted a position as research mathematician with Cornell Aeronautical Laboratories, Inc., Buffalo, N.Y.

The Institute of Radio Engineers has announced that the 1959 W. R. G. Baker Award will be given to RICHARD D. THORNTON, assistant professor of electrical engineering at Massachusetts Institute of Technology, for his paper on "Active RC Networks" that appeared in the September 1957 issue of *IRE Transactions on Circuit Theory.*

In addition, the IRE has named FRANKLIN H. BLECHER of Bell Telephone Laboratories, Inc., Murray Hill, N.J., the recipient of the 1958 Browder J. Thompson Memorial Prize Award for his paper "Design Principles for Single Loop Transistor Feedback Amplifiers," which also appeared in the September 1957 issue of IRE Transactions. Both awards will be presented at the annual IRE banquet on 25 March 1959 at the Waldorf–Astoria Hotel in New York, during the 1959 IRE National Convention.

WILLIAM A. McADAMS, emeritus professor of chemical engineering at Massachusetts Institute of Technology, has received the gold medal of the French Institute of Fuels and Energy. The award was established by the institute "to recognize the most distinguished achievements in the utilization of fuels and thermal energy." It was given to McAdams in tribute to "the internationally known works of an eminent engineer from the United States."

RONALD F. STEBBINGS, a British physicist, will conduct research at General Atomic Division's John Jay Hopkins Laboratory for Pure and Applied Science, San Diego, Calif., while on a year's leave of absence from University College, London. He specializes in atomic collision physics.

AARON NOVICK, associate professor at the University of Chicago and a member of the faculty for 11 years, has been named director of the Institute of Molecular Biology at the University of Oregon, effective 1 January 1959. Novick's research interests have been genetics and physiology of microorganisms, reaction kinetic, nuclear measurements, and radiation chemistry.

W. KENNETH DAVIS, vice president of the Bechtel Corporation, San Francisco, and former director of reactor development for the Atomic Energy Commission, has been named winner of the American Institute of Chemical Engineers' Professional Progress Award in chemical engineering. The award will be conferred on 8 December during the 51st annual meeting of the institute in Cincinnati, Ohio. Davis is being honored "for his leadership in the engineering developments of nuclear power."

ROBERT R. NEWELL, emeritus professor of medicine (radiology) Stanford University Medical School, and scientific consultant to the U.S. Naval Radiological Defense Laboratory, San Francisco, has received the Gold Medal of the Radiological Society of North America. The presentation took place during the 44th annual meeting of the society in Chicago's Palmer House, 16–21 November.

Recent Deaths

ISIDORE ARONS, New York, N.Y.; 76; radiologist and former director of the department of radiation therapy at Harlem Hospital; conducted research on the use of citrus flavonoid therapy in cancer; 10 Nov.

BEVERLEY M. BOWIE, Washington, D.C.; 44; assistant editor of the *National Geographic Magazine,* for which he made a trip around the world; had worked in the Department of Agriculture's Bureau of Agricultural Economics; 15 Nov.

A. CLIFFORD CARLTON, Philadelphia, Pa.; 63; director of the Franklin Institute Museum since 1946; formerly curator of geology and mineral industries at the Chicago Museum of Science and Industry; 12 Nov.

WATERS S. DAVIS, Jr., Washington, D.C.; 59; conservationist who helped to develop the conservation districts in Texas and throughout the country; president of the National Association of Soil Conservation Districts, 1950–54; 15 Nov.

WILLIAM A. DAYTON, Arlington, Va.; 73; plant scientist with the Department of Agriculture's Forest Service for 45 years; chief of the Division of Dendrology and Range Forage Investigations since 1942; collaborator with the Forest Service since his retirement in 1955; started and contributed to the Forest Service Herbarium; 20 Oct.

ELIZABETH G. FOX, Newington, Conn.; 74; former president of the National Organization for Public Health Nursing; had taught at the Yale School of Nursing for 19 years; head of Red Cross Public Health Nursing in Washington, D.C.; 1918–30; 14 Nov.

JOHN C. RATHBUN, New York, N.Y.; 76; professor emeritus of Civil Engineering at City College; taught at Antioch College in 1929–30, and at the University of Washington; chairman of the Department of Civil Engineering at the South Dakota School of Mines, 1925–29; worked as a consulting architect for the Philippine Government in Manila, 1912–15, and was assistant principal of Tung Wen Institute in Amoy, China, 1904–06; studied the sway of the Empire State Building for the American Institute of Steel Construction; 12 Nov.