

dex, American Institute of Chemical Engineers, and Engineers Joint Council. (*Information Systems*, E.J.C., 345 E. 47 St., New York 17; \$1.75 pre-paid)

A detailed description of the **earth's atmosphere** has been published in a 278-page report released recently. The book was prepared through the efforts of 29 scientific and technical organizations, and was jointly sponsored by the U.S. Weather Bureau, NASA, and the U.S. Air Force. Basic atmospheric parameters are presented in tabular form, with distances ranging from 5 kilometers (about 3 miles) below sea level to 700 kilometers (about 435 miles) above. Basic equations and curves for the properties are also given. (*U.S. Standard Atmosphere, 1962*, Superintendent of Documents, GPO, Washington 25. \$3.50)

The 1963 **Guide to Microforms in Print** is now available. The book contains an alphabetical list of materials available on microfilm and other microforms from U.S. publishers. Books, journals, newspapers, archival materials, and projects are included. (Microcard Editions, Inc., 901 26 St., NW, Washington 7)

A list of **foreign scholars** available for remunerative teaching and research positions in American colleges and universities is available from the Conference Board of Associated Research Councils. Each person listed is eligible for a government travel grant to the U.S. to accept an appointment for the 1963-64 school term. (*Foreign Scholars Available under the Fulbright-Hays Act for Remunerative Positions in U.S. Colleges and Universities, Academic Year 1963-64*. Mrs. J. D. Leary, Conference Board Committee, 2101 Constitution Ave., NW, Washington 25)

A report on factors influencing the amount of **strontium-90 in milk** has been released by the U.S. Public Health Service. The first in a series on environmental health, the publication tells of a project in a small milkshed consisting of four farms in Minnesota, to show the relationship between the amounts of strontium-90 found in cows' milk and the amounts found in the grass hay used to feed the cattle. (*Factors Influencing Strontium-90 in Milk from the Brainerd, Minn., Milkshed*; Public Inquiries Branch, PHS, Washington 25; PHS Publ. No. 99-R-1)

## Scientists in the News

**Paul M. Gross**, Pegram professor of chemistry at Duke University and chairman of the board of directors, AAAS, has received the Distinguished Civilian Service Medal from the Department of the Army. Dr. Gross was cited for distinguished leadership in consultant and advisory capacity in ordnance research, as a member of the Arsenal Scientific Advisory Committee and as a leader of the Senior Scientific Steering Group.

**Donald E. Osterbrock**, of the University of Wisconsin, has been appointed visiting professor of astronomy at the University of Chicago for the 1963-64 school term.

**Robert F. Freitag**, director of astronautics in the U.S. Navy Bureau of Weapons, has become director of Launch vehicles in the NASA Office of Manned Space Flight.

**Allen Kent**, former professor of library science at Western Reserve University, Cleveland, Ohio, has become director of a new center at the University of Pittsburgh, which will be concerned with teaching, technology, and research related to knowledge-availability systems.

The American Physical Society's 1963 Dannie Heineman prize for mathematical physics has been awarded to **Keith A. Brueckner**, dean of the science and engineering school at the University of California, San Diego.

**Samuel B. Detwiler, Jr.**, has been awarded the honor award for 1963 by the Washington, D.C., chapter of the American Institute of Chemists.

**Albert C. Zettlemoyer**, distinguished professor of chemistry at Lehigh University, has been named chairman of the recently formed committee on colloid and surface chemistry, at the National Academy of Sciences.

**Natale Colosi**, bacteriology and public health professor at the New York Polyclinic Medical School and Hospital, has been named director of education for comprehensive courses in medicine at the institution. He has also been elected chairman of the Interstate Sanitation Commission, which serves New York, New Jersey, and Connecticut.

The newly formed systems engineering division at Wyle Laboratories, El Segundo, Calif., will be headed by **Stanley Goldhaber**, former systems engineering department manager at the Ralph M. Parsons Company, Los Angeles.

The recipient of this year's Eli Lilly award in bacteriology and immunology is **John J. Holland**, associate professor of microbiology at the University of Washington, Seattle. The award, which includes a medal and \$1000 honorarium, honors Holland for his research on the early stages of cell-virus interaction.

**Otto Degener**, collaborator in Hawaiian botany, New York Botanical Garden, has received the Linné medal from the Royal Swedish Academy of Science.

**Hugh E. Riordan** has been appointed director of gyrodynamics research at General Precision's Kearfott division, Little Falls, New Jersey. He formerly was a section head of the Advanced Development Laboratory.

**Richard M. Foose**, formerly senior staff geologist and director of earth sciences research at Stanford Research Institute, has been named professor of geology and chairman of the geology department at Amherst College, Amherst, Mass.

**Allan B. Burdick**, professor of biology at Purdue University, has been named associate dean of the faculty of arts and sciences at the American University of Beirut, Lebanon, effective 1 September.

**John S. Diekhoff**, dean of Cleveland College and professor of arts and sciences at Western Reserve University, has been named professor of higher education at the University of Michigan, effective 23 August.

**John A. Pople**, research director in the basic physics division, National Physical Laboratory, Teddington, England, has been appointed Carnegie professor of chemical physics at Carnegie Institute of Technology, for the 1963-64 school year.

*Erratum:* Philip L. Harris has been named director of the division of nutrition at the U.S. Department of Health, Education and Welfare, not at the Department of Agriculture, as indicated recently in the Scientists in the News section [*Science* 140, 966 (31 May 1963)].