

been named program director of submarine geology and geophysics division of environmental sciences.

Allen Hermann has become assistant professor at Tulane. **Raymond M. Wilenzick** and **Robert Morriss** were promoted to professor.

Allan C. Schell has been appointed editor of the *IEEE Transactions on Antennas and Propagation*. He is a research physicist at Air Force Cambridge Research Laboratories.

Elected a corresponding member of the Société Royale des Sciences de Liège, Belgium is **Robert S. Mulliken** of the University of Chicago.

Atoms for Peace Award to Eklund, Smyth and Salam

Three scientists from Sweden, the US and Pakistan, active in the international effort to develop peaceful uses of nuclear energy, are the recipients of the 1968 Atoms for Peace Award.

The three are associated with the International Atomic Energy Agency; Sigvard Eklund, a Swede, is IAEA director general, Henry DeWolf Smyth is the US member of the IAEA board of governors and Abdus Salam is director of the agency's International Center for Theoretical Physics in Trieste (PHYSICS TODAY, September, page 77).

Established under the Atoms for Peace Program, the award is a memorial to Henry Ford and his son Edsel. It is an outgrowth of President Eisenhower's 1955 appeal for international efforts in developing peaceful uses of nuclear energy. Each recipient will receive a gold medallion and an honorarium of \$30 000.

Eklund has served as director of research and deputy managing director of the A. B. Atomenergi in Sweden and as secretary-general of the second Geneva atoms-for-peace conference. Smyth is associated with Princeton in teaching, research and administrative functions. He was a member of the US Atomic Energy Commission. In matters regarding international agreements in the uses of atomic energy he has been an adviser to the US State Dept. A professor of theoretical physics at the University of London, Salam was scientific secretary at the first two

Max Garbuny, consultant on low-temperature and radiation research for the Westinghouse Electric Corp, is spending the academic year in the College of Engineering and Applied Science at the University of Rochester as New York State Visiting Professor of Optics. **D. H. Douglass** has become professor and **R. L. Thews** assistant professor at the University of Rochester. **R. S. Knox** and **R. D. Parks** have been promoted to professor. Promoted to associate professors are **C. R. Hagen** and **D. Koltun**.

The Atomic Energy Commission has appointed **Fredrick R. Tesche** as special assistant to the assistant manager for military applications. He was at Los Alamos as associate meson-physics division leader.

Geneva atoms-for-peace conferences. He is a member of the UN advisory committee on science and technology.

Ewing Receives Sidney Powers Memorial Medal

The director of the Lamont Geological Observatory of Columbia University, Maurice Ewing, was honored with the 1968 Sidney Powers Memorial Medal of the American Association of Petroleum Geologists. Ewing received the gold medal and the citation for his work in ocean geology and his administration of the Lamont Observatory, which he helped establish.

The geophysicist's achievements include the first recorded seismic measurements in the open ocean, the first photographs of the deep ocean floor and the first determination of its crustal thickness. He has developed and refined many instruments, including the Ewing Piston Corer.

Laser Scientist, Patel, Gets Ballantine Medal

The Franklin Institute has awarded **Kumar N. Patel** its Stuart Ballantine Medal for his nitrogen-carbon-dioxide laser. Patel is head of the infrared physics and electronics research department at Bell Telephone Laboratories.

The award was established in 1964 to recognize scientists and engineers who have contributed to the field of communications and reconnaissance using electromagnetic radiation.

Leon M. Dorfman has been appointed chairman of the chemistry department at Ohio State and **Russel M. Pitzer** has been named associate professor.

RCA Laboratories has named **Fred D. Rossi** staff vice-president of material and device research.

Louis Levin has been named executive associate director of the National Science Foundation. He was formerly associate director of institutional relations.

Brian K. Annis, from the University of Maryland, has been appointed a research staff member at Oak Ridge National Laboratory.

Patel's investigation of atomic infrared-laser transitions helped to bridge the gap between laser radiation and that coming from micro-wave sources. The work on molecular vibrational-rotational laser transitions also has affected molecular spectroscopy.

Francis Rice Returns to Free-Radical Work at Johns Hopkins

At the age of 78, **Francis O. Rice** is returning to Johns Hopkins University after 30 years to take up again his work in free-radical reactions. Rice hopes to answer questions he could not while he was a young chemist in the 1920's.

He was recently a visiting research professor at the University of Notre Dame, working in astrochemistry in the Radiation Research Laboratory. His new position at Rice is principal research scientist in the Institute for Cooperative Research; it is Rice's sixth career (or a continuation of his second).

Harvard Astronomer Wins Gravitation Essay Award

The Gravity Research Foundation of New Boston, N.H. named **David Layzer** the first award winner of the essays on gravity. A professor of astronomy at Harvard, his essay was entitled "Gravitational Collapse, Cosmic Black-Body Radiation and the Origin of Astronomical Systems." Layzer discussed the possibility that quasars and the cosmic micro-wave background