



ROGERS

time teaching and research.

John A. Simpson, professor in the physics department at the University of Chicago, was named as the first holder of the Edward L. Ryerson Distinguished Service professorship.

Jack R. Hietanen has been appointed research physicist for the crystal-solid-state department at the Harshaw Chemical Co.

Assistant dean of arts and science at the University of Saskatchewan, **J. E. Kennedy**, has been elected national president of the Royal Astronomical Society of Canada.

Deputy director of the National Science Foundation, **John T. Wilson**, has been appointed vice-president and dean of faculties of the University of Chicago, effective 1 Oct.

Lewis B. Wetzel, formerly with the Institute for Defense Analysis, has been named superintendent of the radio division at the Naval Research Laboratory.

At Harvard University **Peter S. Pershan** has become Gordon McKay Professor of applied physics and **Allan R. Robinson** has become Gordon McKay Professor of geophysical fluid dynamics.

Alan Z. Kranz has been named manager of the information-retrieval section of the American Institute of Physics information division. He replaces **Rita G. Lerner**, now director of laboratories in Columbia's department of biological sciences. Kranz had been a consulting liaison scientist at General Electric's Space Sciences Laboratory in Philadelphia.

Icko Iben Jr has been promoted to professor at Massachusetts Institute of

Technology. Promoted to associate professor were **Hale V. D. Bradt**, **Walter H. G. Lewin**, **Richard K. Yamamoto** and **John B. Bronzan**.

Marvin G. Whitney has been named president of Applied Research Laboratories, a subsidiary of Bausch & Lomb.

J. Clifton Albergotti, assistant professor at the University of San Francisco, has become department chairman. **James N. Haag**, associate professor of physics, has been given a joint appointment in mathematics to develop the new computer-science program.

Maurice Ewing, director, and **J. Lamar Worzel**, associate director of Lamont Geological Observatory, have been named cochief scientists on the first part of the JOIDES (Joint Oceanographic Institutions Deep Earth Sampling) deep-sea drilling expedition in the Atlantic Ocean.

Ronald Roiseland, formerly of St. Olaf College, has become assistant professor at Wartburg College.

John W. Firor has been named director of the National Center for Atmospheric Research, Boulder, Colo.

Jerrold R. Zacharias has become director of the Education Research Center at MIT. He succeeds **Robert I. Hulsizer Jr**, who will devote most of his time to teaching in the physics department.



DEMARQUE

Chicago, **Demarque** is known for his work in stellar evolution theory and the internal structure of stars.

At Cornell University **Thor N. Rhodin** of the school of engineering has become professor of applied physics.

Owen J. Gingerich has become asso-

ciate professor of astronomy and of the history of science at Harvard.

Keith A. Brueckner, former director of the institute for physical problems at the University of California, San Diego, has joined Heliodyne as technical director.

Former director of radiation physics and photometry at Technical Operations, Inc., **Irving L. Kofsky** has joined PhotoMetrics Inc as president and technical director.

At its 188th annual meeting the American Academy of Arts and Sciences elected **Roger Revelle** vice-president. The Harvard professor replaces **Garet Birkhoff**.

Among the new fellows of the academy are **Valentine Bargmann**, **Keith A. Brueckner**, **Steven Weinberg** and **Robert R. Wilson**, in the physics section. New fellows in the astronomy and earth-sciences section are **Alexander Dalgarno**, **Harry H. Hess** and **Donald E. Osterbrock**.

New foreign members include **Peter L. Kapitza**, Academy of Sciences of the USSR, **Nicholas Kurti**, Oxford University, and **Sir Gordon Sutherland**, Cambridge University.

NAS Awards Go to Cooper, Schrieffer and Gell-Mann

Three physicists were among those selected to receive awards during the 105th Annual Meeting of the National Academy of Sciences held recently in Washington, D. C. The academy administers a total of 19 awards and medals for scientific achievements in various fields, most of them at three or five year intervals.

The John J. Carty Medal cites **Murray Gell-Mann** of the California Institute of Technology for his contributions to the development of elementary particle physics, particularly through the concepts of "strange particles" and unitary symmetry. This award is given approximately every three years for noteworthy and distinguished scientific accomplishments.

Leon N. Cooper of Brown University and **J. Robert Schrieffer** of the University of Pennsylvania shared the