

research professor is **C. S. Wu**, of the Jet Propulsion Laboratory, Cal Tech. **Stephen Brush** is associate professor, on joint appointment with the history department and **Theodore J. Rosenberg**, formerly of Rice, is research assistant professor. The institute's meteorology program named **Owen Thompson** and **Kenneth Gage** assistant professors.

Columbia Awards Vetlesen Prize to Birch and Bullard

Geophysicists Francis Birch and Edward C. Bullard received the Vetlesen Prize, given by Columbia University, for their work in solid-state physics and fundamental geophysics leading to knowledge of the earth's interior.

Birch, the Sturgis Hooper Professor of Geology at Harvard, has shown how seismic data can be used to determine densities, constitution and physical state of material in the earth's deep interior. His work includes application of theoretical and experimental thermodynamics to mineral systems, use of heat flow through the earth's crust as an index of the earth's thermal regime and application of shock-wave data to problems of the deep interior.

A professor of geophysics at Cambridge University, Bullard was one of

the first to apply computer methods to geophysical problems, such as continental drift. He has studied the earth's magnetic field and developed a method to determine heat flow through the ocean floor. Other achievements include measurement of gravity across the East-African rift valley, improvements in the accuracy of pendulum measurements of gravity and studies of geothermal heat.

Given every two years, the award was created at Columbia in 1959 by the G. Unger Vetlesen Foundation for achievement in the earth sciences. It consists of a gold medal and \$25 000, to be shared equally.

Missouri Science Educator Award to Wallace Hilton

The Science Teachers of Missouri presented their 1967-68 Missouri Science Educator Award to Wallace A. Hilton, chairman of the physics department at William Jewell College, Liberty, Mo.

The prize honors contributions to science teaching on the secondary or college level and consists of a plaque and citation. Indicative of Hilton's teaching excellence were increased enrollments in his physics classes at a time when the trend was downward. In the summers he has conducted or taught in ten training programs for high-school science teachers. A leader in the Missouri Coöperative College-School Program in Physics, he also has served two terms as a member

of the national council of Sigma Pi Sigma and is currently a member of the Council of the Society of Physics Students.

Hugh Wolfe of AIP Honored By US Standards Institute

Hugh C. Wolfe was among those honored by the USA Standards Institute



WOLFE

for his contributions to effective communications of scientific and technical information. Wolfe is chairman of the USASI committee for the International Standards

Organization's Technical Committee 12, and also a member of its international advisory panel.

The committee is currently working on general use of the International System of Units, based on meter, kilogram, second, ampere, kelvin and candela. Wolfe is director of the American Institute of Physics publication division.

Jerome Karle of NRL Given Navy Civilian Service Award

The head of the laboratory for structure of matter at the Naval Research Laboratory, Jerome Karle, received the Navy's Distinguished Civilian Service Award. He was recognized for his theoretical and experimental advances



John Archibald Wheeler sits with a portrait of Joseph Henry at the dedication of the Joseph Henry Physics Building, State University of New York at Albany. For the occasion, Wheeler composed and recited a poem (right) on the man whose chair he holds at Princeton.

TO JOSEPH HENRY

You who came from a lowly home,
Remind us to search each new face for thoughtfulness;
You who had no great man to guide you,
Tell us, great reader, that a book gives each one of us the company of the great man of our choice.
You who discovered the laws of self induction, great principle of electromagnetism, winged carrier of sight and sound,
Remind us of the glittering central mechanisms of this universe still waiting to be uncovered.
You who refused to patent your early telegraph,
Remind us that science is the servant of society.
You who created America's first National Science Foundation, and breathed life into the science of this newly developing country,
Help us make each center of science a world leader in its own wisely chosen field of investigation.
To students from every walk of life you attempted always to present a coherent account of your subject, and in the process detected new avenues open for investigation.
Teach us to learn through teaching what to investigate.
You, greatest American scientist of your day, who abandoned a great career at the call of your country,
Remind us that each one of us is first of all a citizen.

JOHN ARCHIBALD WHEELER