WE HEAR THAT . . .

LIPPMANN

Effective 1 Feb., **Bernard Lippmann** is chairman of the physics department at New York University, University Heights campus. Formerly chief scientist and director of physics at General Research Corp, he was recently a National Academy of Sciences research associate at The National Aeronautics and Space Administration's Goddard Institute for Space Studies.

Llewellyn H. Thomas is a visiting professor at North Carolina State University.

New director of the Advanced Research Projects Agency's Materials Sciences Office is **Robert A. Huggins.** He was formerly director of the Center for Materials Research at Stanford University and replaces **Robb M. Thomson,** who has become head of the materials science department at the State University of New York, Stony Brook.

Randall M. Whaley, former chancellor of the University of Missouri, has joined Cresap, McCormick and Paget as principal associate.

At Cooper Union School of Engineering and Science **David Kraft,** formerly at Hudson Laboratories, became associate professor and **Raymond Kaplan,** formerly of UniRoyal, assistant professor.

Philip L. Randolph, formerly associate director of the test division, Lawrence Radiation Laboratory, has become manager of the nuclear group of El Paso Natural Gas Co. Joining him are **Leo A. Rogers** and **Dean V. Power** of the plowshare division at LRL, and **Charles R. Bowman,** who was with Texas Instruments.

Promoted to associate professor at Whitman College, Walla Walla, Wash. is **Robert A. Blumenthal.**

Richard Williams was awarded an international teaching grant by the US Department of State to lecture and conduct research at the Sao Carlos School of Engineering, Sao Paulo, Brazil. He is head of insulator physics research at RCA Laboratories.

The new president of Cal Tech is **Harold Brown,** formerly secretary of the Air Force. He replaces **Lee Dubridge,** who is now President Nixon's science advisor.

Recipients of North Atlantic Treaty Organization postdoctoral fellowships in physics were **Samuel C. Fain,** for study at the University of Amsterdam; **Thomas K. Gaisser** and **Howard H. Taub,** the University of Cambridge; **Thomas C. McGill,** University of Bristol; **Dwight J. Mellema,** CERN; **John W. Negele,** Copenhagen University; and **Paul B. Pipes,** State University of Leyden, Netherlands.

At the University of Wyoming **James M. Rosen** was named assistant professor.

Thomas L. Cook, Luella M. Watkins and **Michael R. Cates** have joined the testing division at Los Alamos Laboratory. Joining the theoretical division is **Charles T. Grant.**

Two Woods Hole Oceanographic Institution geophysicists, **Arthur E. Maxwell** and **Richard P. Von Herzen,** were named cochief scientists on the third leg of the Deep Sea Drilling Project.

Mark A. Heald has become chairman at Swarthmore College, succeeding **William C. Elmore,** Morris L. Clothier Professor of Physics.

LEMONICK

Aaron Lemonick, professor and associate chairman of the physics department, Princeton University, will become dean of the graduate school on 1 July. A specialist in nuclear and elementary-particle physics, his current research is in K mesons. He succeeds Colin S. Pittendrigh, who will become a biology professor at Stanford University.

Promoted to associate professor at the University of Delaware is **Robert N. Hill.** New assistant professors are **Maurice V. Barnhill,** from the University of Virginia, **Cheng-ming Fou** of the University of Pennsylvania and **James B. Mehl** of the University of Oregon.

Dean of the graduate school at Texas Christian University, **E. Leigh Secrest,** has become vice-chancellor for advanced studies and research.

Raymond C. DuVarney has joined Emory University, Atlanta, as assistant professor.

HORNIG

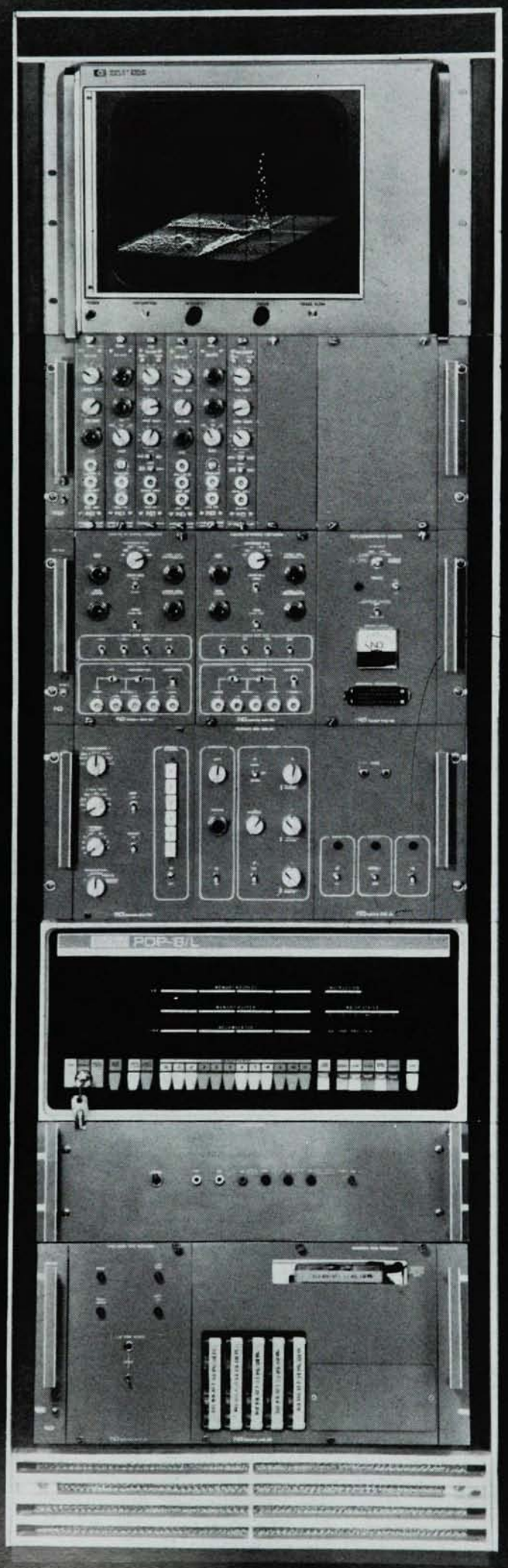
The former special assistant for science and technology to President Johnson, **Donald F. Hornig,** has joined Eastman Kodak Co. as a vice-president to advise the research and development programs. He will jointly be a chemistry professor at the University of Rochester.

For his paper "The Theory of Neutron-Wave Propagation," **James J. Duderstadt** was presented with the Mark Mills Award of the American Nuclear Society.

Effective 1 Mar., **Herman M. Gurin** is the new executive officer of the American Astronomical Society, replacing **Paul Routly.** Gurin is staff engineer of the astro-electronic division at RCA Laboratories, Princeton.

James E. LuValle is technical director for Smith-Corona Marchant division, SCM Corp. He was formerly director of research at Fairchild Space and Defense Systems.

At the Institute for Fluid Dynamics and Applied Mathematics, University of Maryland, **T. D. Wilkerson** has become acting director, but will continue as research associate professor in satellite and laboratory experiments on element abundances. Appointed



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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 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.

WOLFE

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