

we hear that

Underwater Acoustics Medal was instituted in 1958 to honor five outstanding early workers in the field: H. J. W. Fay, R. A. Fessenden, H. C. Hayes, G. W. Pierce and P. Langevin. The Society established the Silver Medal in 1973 to recognize "contributions to the advancement of science engineering or human welfare through the application of acoustic principles or through research accomplishments in acoustics."

R. J. Baxter wins IUPAP Boltzmann Medal

The International Union for Pure and Applied Physics Commission on Thermodynamics and Statistical Physics has awarded the third Boltzmann Medal to Rodney J. Baxter of the Australian National University, Canberra. Baxter was honored "for his brilliant contributions to the field of critical phenomena, in the form of exact solutions of several two-dimensional models." He was cited in particular for his solution of the eight-vertex model, a model that now generally carries his name and "whose solution has cast new light on the concept of universality." The Boltzmann Award consists of a gold medal and is given every three years in recognition of outstanding contributions to statistical physics.

Baxter received his master's degree in 1961 from Cambridge University and his PhD in 1964 from the Australian National University. He is currently a research fellow at ANU.

Cameron receives AAPM Coolidge Award

At its 22nd annual meeting and exhibition in Minneapolis, the American Association of Physicists in Medicine presented its William D. Coolidge Award to John R. Cameron, Farrington Daniels Professor of Physics and Radiology at the University of Wisconsin, Madison. The ninth scientist to receive the award since 1972, Cameron was recognized for his "outstanding contributions to the field of medical physics." The award, which is the Association's most prestigious, is named for the inventor of the Coolidge x-ray tube.

Cameron is noted for his development of lithium fluoride thermoluminescence dosimetry in the 1960's. He is also recognized as the "father" of bone-mineral measurement techniques employing radionuclide scanning. Quantitative diagnostic radiology is another area of Cameron's expertise.

Cameron's educational credits include a BS degree (1947) from the University of Chicago, and an MA



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(1949) and a PhD in nuclear physics (1952) from Wisconsin. He began his career in 1952 as an assistant professor of physics at the University of Sao Paulo, Brazil. He joined the Wisconsin staff as a project associate in 1954 and then became an assistant professor of physics at the University of Pittsburgh the following year. Cameron returned to the Wisconsin faculty in 1958 as an assistant professor of radiology and physics. In addition to his named chair, Cameron also holds the directorships of the Biomedical Engineering Center and the Midwest Center of Radiological Physics.

James R. Killian, Jr., the country's first full-time presidential science adviser and long-time MIT educator, has been selected to receive the National Science Board's first Vannevar Bush Award. Bush directed the Office of Scientific Research and Development during the Second World War.

Gernot Kostorz, recently with the Max-Planck-Institut für Metallforschung, Institut für Werkstoffwissenschaften, Stuttgart, Federal Republic of Germany, has been appointed professor of physics at the Eidgenössische Technische Hochschule, Zurich, Switzerland.

Ronald Gerhard has become sole owner and president of Arenberg Sage, Inc., Jamaica Plain, Massachusetts.

The American Society for Testing and Materials has awarded an Award of Merit to **Robert I. Scace**, a physicist at the Electron Devices Division, National Bureau of Standards, Washington, D.C. He was honored "for his leadership in the development of standards for the electron device industry."

Alan J. Toepfer has been appointed director of the Radiation Physics Division at Physics International Co, San Leandro, California.

The University of Georgia has named **Nathan W. Dean** assistant vice-president for research. Dean was formerly professor of physics and assistant dean of sciences and humanities at Iowa State University.

The following physicists have joined the Northeastern University physics department: **William N. Celmaster**, formerly of Argonne National Laboratory; **Jorge V. José**, recently of Rutgers University; **Robert S. Markiewicz**, previously of General Electric Co, and **Stephen W. McKnight**, formerly of Naval Research Laboratory.

John P. Andelin, Jr., a physicist and long-time Congressional staff member, has joined the Office of Technology Assessment as assistant director of its science, information and transportation division.

The former Fermilab director, **Robert Rathbun Wilson**, has been appointed Pupin Professor of Physics at Columbia University.

Ralph J. Cicerone is the new director of the Atmospheric Chemistry and Aeronomy Division of the National Center for Atmospheric Research, Boulder, Colorado. He was previously a research chemist at the Scripps Institution of Oceanography, La Jolla, California.

New assistant professors at the Colorado School of Mines, Golden, Colo., are **James M. Lockhart**, formerly of Stanford University, and **Frank V. Kowalski**, formerly of the Joint Laboratory for Laboratory Astrophysics, Boulder, Colo.

George W. Brandenburg, previously of MIT, has joined Harvard University as associate director of the High Energy Physics Laboratory.

Kali Mukherjee has become a professor of metallurgy and materials science at Michigan State University. He was formerly head of the metallurgy department at the Polytechnic Institute of New York.

Nobel laureate **Burton Richter** of SLAC has been appointed to a newly-established chair at Stanford University—the Paul Rigott Professorship in the Physical Sciences.

New faculty members at Harvey Mudd College, Claremont, Cal., are assistant professors **James C. Eckert** (formerly of the University of Southern California) and **Richard C. Haskell** (previously of the Johns Hopkins University).