

in architecture, engineering and signal processing and underwater acoustics and for his dedication as a teacher and society member. Presently the Rumford Professor of Physics and the Gordon McKay Professor of Applied Physics at Harvard, Hunt was director of its Underwater Sound Laboratory during the second world war, working on sonar and the acoustic torpedo.

At his death, Vigness was head of the shock and vibration branch, mechanics division of the Naval Research Laboratory, which he helped to establish. The Institute of Environmental Sciences created an award in his honor, given for an outstanding paper on mechanical shock. Vigness was chairman of the ASA committee on shock and vibration and an associate editor of its journal.

The Trent-Crede Award was established this year in honor of Horace Trent and Charles Crede and will be given every two years for contributions to mechanical vibration and shock.

City College Harris Medal Awarded to Radkowsky

Alvin E. Radkowsky is the recipient of the Townsend Harris Medal, given by the City College Alumni Association to a graduate for contributions in his special field.

Radkowsky, a 1935 graduate, is chief physicist, Division of Naval Reactors, Atomic Energy Commission, and is known for contributions to the "seed and blanket" nuclear reactors and their application to naval ships. He was formerly chief physicist of the nuclear-power division, bureau of ships, Department of the Navy.

Six Will Receive 1969 IPPS Prizes This Month

The Institute of Physics and The Physical Society will present their 1969 awards this month. The Guthrie Medal is going to Cecil F. Powell; the Glazebrook Medal and Prize to William G. Penney; the Thomas Young Medal and Prize to G. Toraldo di Francia; the Charles Vernon Boys Prize to Harold P. Rooksby; the Duddell Medal and Prize to Charles W. Oatley and the Bragg Medal and Prize to John L. Lewis.

Powell, director of the H. H. Sills Physics Laboratory, is noted for his

contributions to particle physics. Rector of Imperial College, Penney was honored for his work on nuclear explosives and other applications of atomic energy. For his work in optics and microwave physics, Toraldo di Francia, professor at Florence University, will receive the Thomas Young Medal.

Head of the crystal-analysis group at General Electric Co., Wembley, Rooksby is honored for his work in x-ray crystallography. Oatley, professor at Cambridge University, received his prize for the development of the scanning electron microscope. Lewis receives the Bragg Medal for his work in physics teaching.

Michigan State Creates Thomas Osgood Award

The Thomas H. Osgood Award has been established at Michigan State University to honor the former professor, department chairman, director of the Abrams Planetarium and dean of graduate studies. Osgood is presently a consultant to the physics department.

The award is to be presented each spring to an outstanding physics major; the first was made in the spring of 1968, coinciding with Osgood's retirement.

Osgood has done research at the Cavendish Laboratory, served as associate editor of the *Journal of Applied Physics* and later was editor of the *American Journal of Physics*. He has also been scientific attaché at the US Embassy in London.

George Glockler, 78; Was Physical Chemist

The former head of the chemistry department at the University of Iowa and a professor emeritus at Duke University, George Glockler, died in Durham 14 Jan. at the age of 78.



GLOCKLER

Early work on electrochemistry of gases resulted in a book written with S. C. Lind. Later at the universities of Minnesota and Iowa he studied molecular structure and bond energies, publishing more than 200 papers and

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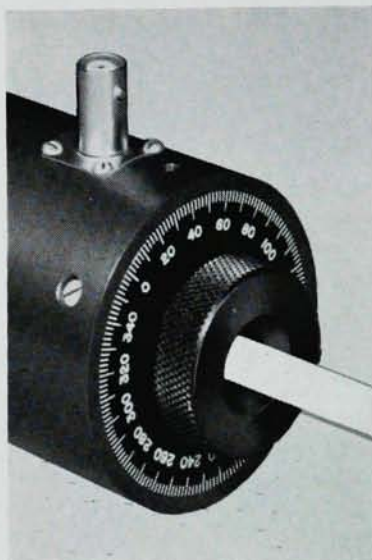
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winning election as a fellow of the American Physical Society.

Glockler was also the retired chief scientist of the Army Research Office in Durham.

Pioneer in Ultrasonics; Egon A. Hiedemann

A professor emeritus at Michigan State University, Egon T. Hiedemann died on 8 Feb. Hiedemann was known for his work on optical methods for research in ultrasonics.

Studying at the Universities of Heidelberg, Bonn, Berlin and Goettingen, he taught at the University of Cologne from 1922-40. Before coming to the US as a consultant to the Engineering Research and Development Laboratory at Fort Belvoir, Va., he was dean of the School of Science and Arts at Karlsruhe Technical University. He joined the MSU faculty in 1950 as professor and chairman of the physics and astronomy department.

Richard G. Nuckolls, 54; Was Parsons Chairman

Richard G. Nuckolls, chairman of the physics department at Parsons College, Fairfield, Iowa, died 14 Feb. of a heart attack. He was 54 years old.

A graduate of Oberlin, Nuckolls had taught at Cornell Aeronautical Laboratory, Kansas State College and the State University College at Cortland, N.Y., before moving to Parsons in 1965. He was a native of Grinnell, Iowa.

W. Adair Morrison, 56; Research Administrator

W. Adair Morrison, a research administrator who worked in both Canada and the US, died 19 Feb. in Ottawa after a long illness. He had left his post as a project analyst at General Electric last year after 12 years to join the staff of the delegate general for policy and planning of the National Research Council of Canada.

Born in Saskatchewan, Morrison lived in China briefly as a child. He took his BS and MA at the University of Saskatchewan and his PhD at McGill. After teaching school in Saskatchewan and Quebec, he joined the radiology section of the National Re-

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