

Daniel I. Fivel, Brandt Kehoe, Young S. Kim, J. Frederick Koch, Ching-Hung Woo and Bice Sechi Zorn; and to assistant professor, Richard A. Brandt and Jean-Paul Richard.

Frank J. Kerr and Mukul R. Kundu are now professors of astronomy after being visiting professors. Appointed associate professor is Antonio S. Figuera of the University of Catania, Italy, and assistant professor Ronald C. Davidson and Jerry A. Nolen. Named assistant professor of astronomy is Benjamin M. Zuckerman. Visiting associate professor is Karel Zaveta, of Charles University, Prague.

New head of the School of Applied Science at Canberra College of Advanced Education, Australia, is Gordon J. Aitchison.

B. J. Bailey has joined the department of mechanical and aerospace engineering, University of Delaware.

Promoted to director of Boeing Scientific Research Laboratories is John C. Noyes, former head of the geophysics laboratory.

Albert R. V. Westwood has become deputy director of the Research Institute for Advanced Studies, Martin Marietta Corp.

Named to a new vice-presidential position at Bell Telephone Laboratories is Morgan Sparks, former director-executive of semiconductor components.

Peter H. Haas received the Defense Atomic Support Agency exceptional civilian service award. He is assistant to the deputy director, science and technology.

Robert S. Rowley was named senior engineer, John A. Makuch, principal engineer on laser development and Gordon J. King, chief mechanical engineer at Laser Sciences Inc. All were formerly with Perkin-Elmer Corp. Albert M. Rockwell, formerly of Varian Associates, is senior laser specialist.

Frederick Giles, with the University of South Carolina, was named regional counselor for that state by the American Association of Physics Teachers and the American Institute of Physics.

Edward T. Linacre is associate professor of climatology at Macquarie University, Sydney, Australia.

At the University of West Florida, William B. Phillips was promoted to associate professor. New appointments included John T. Moseley, Richard C. Smith and Robert N. Rigby to assistant professor.

Don Eagling has been named plant manager at the Lawrence Radiation Laboratory, Berkeley.

The former director of research of Honeywell industrial division, Howard I. Oshry, was named principal scientist for Tracor Inc, Texas.

A. Ray Hilton and Laird D. Schearer have become senior scientists at Texas Instruments, central research laboratories.

K. D. Cole is now with the School of Physical Sciences, La Trobe University, Australia.

# Benjamin Lax Receives Gano Dunn Medal From Cooper Union

Benjamin Lax, director of the Francis Bitter National Magnet Laboratory at MIT, is the 1969 winner of the Gano Dunn Medal, awarded by the Cooper Union Alumni Association.

The medal acknowledges achievement in engineering or science. Lax's interests and contributions include radar, microwave discharges, plasma physics, ferrites, semiconductors, magneto-optical studies of solids and high-magnetic fields, cyclotron resonance, quantum electronics and quantum magnetooptics.

Prior to taking up his present position, Lax was with the Geophysical Directorate of the Cambridge Research Center and head of the ferrites and solid-state groups at Lincoln Laboratory, where he was associate director.

# ASA Gold Medal and Trent-Crede Award to Hunt, Vigness

The Acoustical Society of America has given its Gold Medal to Frederick Vinton Hunt and its newly created Trent-Crede Award posthumously to Carl Irwin Vigness.

Hunt is cited for his acoustical work

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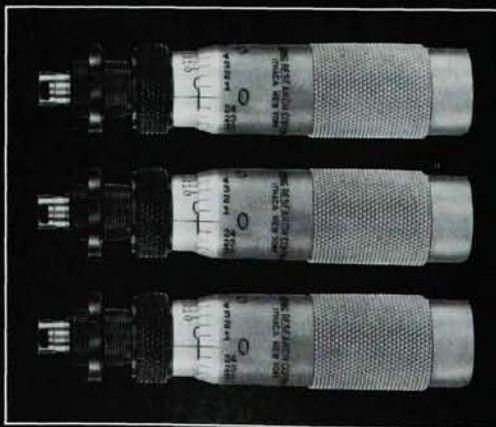
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in architecture, engineering and signal processing and underwater acoustics and for his dedication as a teacher and society member. Presently the Rumford Professor of Physics and the Gordon McKay Professor of Applied Physics at Harvard, Hunt was director 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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