

AIP, US Steel Science Writing Award to Jeremy Bernstein

Jeremy Bernstein, physics professor at Stevens Institute of Technology, is the 1970 winner of the Science Writing Award in Physics and Astronomy for a Scientist, sponsored by the American Institute of Physics and the US Steel Foundation.

He won for his booklet "The Elusive Neutrino," published by the Atomic En-



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ergy Commission and distributed to high-school and college students. An AEC representative will also receive a

certificate. The award, to be given on 6 Oct. at the annual meeting of the AIP Corporate Associates and society officers, consists of \$1500, an engraved steel Moebius strip and a certificate. A similar award for a journalist was given earlier this year to Clarence P. Gilmore, science editor of Metromedia Television.

Bernstein received his PhD from Harvard University and has been a research associate at the Harvard Cyclotron Laboratory and the Institute for Advanced Study at Princeton. He has written for the *New Yorker* and in 1964 received the American Association for the Advancement of Science and Westinghouse Prize for Science Writing.

ASA honors H. L. Saxton for work in underwater acoustics

On 4 Nov., the Acoustical Society of America will give its Pioneers of Underwater Acoustics Award to Harold L. Saxton for his work on the problems of signal processing and sonar systems and transducers.

Since 1967 Saxton has been with Tracor Inc where he is editor of the *Navy Journal of Underwater Acoustics*. Before then he had been with the sound division of the Naval Research Laboratory since 1940 and its superintendent from 1947. During his tenure as superintendent, Saxton initiated a program in signal processing in relation to sound

At Lawrence Radiation Laboratory, Livermore, **Harry Reynolds** became associate director for nuclear design and **James Carothers** replaced him as associate director for nuclear testing. **Arthur Biehl** has resumed his former position as associate director for advanced studies and **Jack Shearer** has become head of L. Division.

Effective 1 Oct., **Lewis D. Kaplan** will be a professor of meteorology in the department of geophysical sciences at the University of Chicago. He was formerly with the Jet Propulsion Laboratory.

Russell M. Brengelman has become head of the physics department at Morehead State University. He re-

propagation in the sea. He also recommended that active sonars be operated at lower frequencies and at higher powers, which resulted in detection of the first convergence-zone echoes from a surface ship. Saxton was also the chairman of the Navy's Underwater Sound Advisory Group from its inception in 1949 to 1963.

This award is given every two years and is named for five pioneers in the field: H.J.W. Fay, R.A. Fessenden, H.C. Hayes, G.W. Pierce and P. Langevin.

Neupert receives Goddard's Lindsay Memorial Award

Werner Neupert is the recipient of the 1970 John C. Lindsay Memorial Award given by the Goddard Space Flight Center annually for outstanding achievement in science or technology.

The award is named for the first head of Goddard's solar research team, who died in 1965. Neupert, who had worked with Lindsay since 1960, was honored for his work with short-wave radiation from the sun, in the range extending from the visible and ultraviolet light to x rays. This work is a continuation of earlier work by Neupert using the first orbiting solar observatory, which was conceived and supervised by Lindsay. Neupert is now head of the solar-plasma branch in the laboratory for solar physics at Goddard.

places **William C. Simpson** who had been acting head since 1966.

Ames Laboratory promoted **John R. Clem** and **John L. Stanford** to associate professor and **Fred K. Wohn** to assistant professor.

Peter U. Fischer has been named general manager of Gulf General Atomic Europe. He succeeds **Werner Thomann** who has retired but will serve as director of GGAE.

New assistant professors at Iowa State University are **Nathan W. Dean**, formerly at Vanderbilt University, and **Bing-Lin Young**, formerly of Brookhaven National Laboratory. Recent promotions

Former vice-president for research and development at Western Geophysical Co, **Carl Savit**, has joined the Office of Science and Technology.

Nobuo Inoue will head the newly opened Tokyo office of the Franklin Institute Research Laboratories.

Joining the materials-science department at Marquette University is **Robert F. Brebrick**, formerly of Lincoln Laboratory, MIT.

The University of Texas, Arlington, has named **Louis A. Rayburn** as chairman of the physics department. He was formerly head of the participation office at Oak Ridge Associated Universities.