

we hear that

APS Forum honors Drell and Shurcliff

The American Physical Society Forum on Physics and Society has selected Sidney D. Drell, deputy director and executive head for theoretical physics at the Stanford Linear Accelerator Center, and William A. Shurcliff, a honorary research associate at Harvard University, to receive the Forum's prizes for 1980.

Drell won the Leo Szilard Award for Physics in the Public Interest for his "outstanding contribution to the formulation of national policy through the application of physical principles to the analysis of critical problems, particularly in the areas of arms control and national security policy." While pursuing a career as a high-energy physicist, Drell has served as a consultant to numerous agencies of the federal government including the President's Science Advisory Committee, the US Arms Control and Disarmament Agency, the Office of Science and Technology Policy, the Office of Technology Assessment and the National Security Council.

The University of Illinois granted Drell a PhD in physics in 1949. In 1956 he rejoined the Stanford faculty (having worked there early in his career) and has remained there since. Drell's research has included studies of quantum field theory, elementary-particle physics and hadron structure—particularly the quark confinement problem.

Shurcliff received the 1980 APS Forum Award "in recognition of his work on two... issues of great public interest and substantial technical content: sonic booms and solar heating." Since his retirement from the Harvard University Cambridge Electron Accelerator in 1973, Shurcliff has devoted his time "to gathering and publishing information on solar heated buildings..." and to inventing solar heating systems and components. He is also a consultant on the subject. In 1967 Shurcliff founded the Citizen's League Against the Sonic Boom, which has been credited with informing the public about the problem in a responsible fashion. He served as the League's director until 1978.

Shurcliff earned his PhD in physics



DRELL

from Harvard in 1934. The following year he took a position as a researcher at the Spectrophotometric Laboratory, American Cyanamid Co. From 1942 to 1945 Shurcliff served with the Office of Scientific Research and Development working at one point in connection with the Manhattan Project. During the next three years he was scientific adviser for the New York State Department of Commerce, the head of the Office of the Technical Historian of the



SHURCLIFF

First Atomic Bomb Tests at Bikini Atoll and a program analyst for the US Atomic Energy Commission. He spent the period from 1948 to 1959 as senior scientist and project leader at Polaroid Corp. Shurcliff first became a member of the Cambridge Electron Accelerator Staff in 1960.

The awards, which include a plaque and \$250 honorarium, were presented at the APS General Meeting in Washington, D. C. in April.

National Academy elections

The National Academy of Sciences has elected 59 members and 12 foreign associates. Among the American scientists of interest to physicists are: Kinsey A. Anderson, professor of physics, University of California at Berkeley; R. Stephen Berry, professor of chemistry, The James Franck Institute, University of Chicago; Richard G. Brewer, IBM fellow, IBM Research Laboratory, San Jose, Cal.; George W. Clark, professor of physics, MIT; Marvin L. Cohen, professor of physics, University of California at Berkeley; Sidney R. Coleman, professor of physics, Lyman Laboratories, Harvard University; Cyril M. Harris, Charles Batchelor

Professor of Electrical Engineering and professor of architecture, Columbia University; Frederick Kaufman, professor of chemistry, University of Pittsburgh; Martin D. Kruskal, professor of astrophysical sciences, Princeton University; Joel L. Lebowitz, professor of mathematics and physics, and director of the Center for Mathematical Science Research, Rutgers University; Theodore H. Maiman, vice president for advanced technology, TRW Electronics, Los Angeles, Cal., and Frederick Reines, professor of physics, University of California at Irvine.

The following foreign scientists were among those honored with associate