

APS selects first Congressional Fellows

Two APS Congressional Fellows have been selected to serve in Washington for the coming year. Benjamin S. Cooper of Iowa State University and N. Richard Werthamer of Bell Laboratories were chosen under the program proposed by the Forum on Physics and Society and approved and funded by the Council (see *PHYSICS TODAY*, June, page 69).

Cooper, a nuclear physicist with a doctorate from the University of Virginia (1968), has in recent years become increasingly concerned with the relationship of science and technology to public policy. According to Cooper, he has gained considerable experience "as an organizer, adviser and peon" through his public-interest activities on the Iowa State campus, where he is an assistant professor, as well as in the broader forum of state and local politics. This past summer he worked on a systems design project, jointly sponsored by NASA and the American Society of Electrical Engineers, which attempted to assess the impact of the energy shortage on transportation. Cooper's research program at the University has centered around techniques for applying "phase-shift" matrix elements to calculations in the framework of the shell model, with the matrix elements being deduced directly from the measured phase-shifts for nucleon-nucleon scattering.

Werthamer has become familiar with



WERTHAMER

transportation, energy and environmental policy issues as a result of his participation in local civic programs in New York City. He is president of Citizens for Clean Air, Inc (CAA), and as chairman of the advisory board for CAA's Energy Conservation Project, he has assisted in providing technical experts to advise the New York State Public Service Commission on energy problems. He has also gained experience in dealing with the problems of urban transportation and its effects on the environment through his member-



COOPER

ship on Manhattan's Community Board 2, a part of the municipal government. At Bell Labs Werthamer works in solid-state physics, with emphasis on superconductivity and quantum crystals. He holds a PhD from the University of California, Berkeley (1961).

At present the APS fellows and the three Congressional Fellows sponsored by the American Association for the Advancement of Science are attending a three-week orientation program in Washington.

New proposal will speed publication in Phys Rev A

The Publications Committee has adopted a proposal that one section of *The Physical Review*, probably beginning with *Physical Review A*, be printed by direct photoreproduction of authors' manuscripts. The change, which is to be introduced early in 1974, would cut page charges in half and would decrease the time that elapses between acceptance of a paper and its publication. Page make-up will continue to be handled by the production staff.

Authors may continue to have their articles printed in the traditional manner by paying the normal page charge.

An announcement of this experiment and instructions for authors may be obtained from editor-in-chief S. A. Goudsmit, Building 179 A, Brookhaven National Laboratory, Upton, N.Y. 11973.

in brief

A Memorial Session in honor of Lev A. Artsimovich will be held during the annual meeting of the Division of Plasma Physics in Philadelphia (31 October-3 November). Artsimovich, a leader in the development of the controlled thermonuclear research program in the USSR and the inven-

tor of the tokamak, died in March (see *PHYSICS TODAY*, July, page 60).

The southeastern section of the American Physical Society has established the George B. Pegram Award for Excellence in the Teaching of Physics. It consists of a gold medal, a certificate and a citation. Columbia University, Duke University, Associated Universities Incorporated and Oak Ridge Associated Universities contributed the major portion of the fund needed to establish the Award. Pegram, a native of North Carolina, played a formative role in the establishment of the southeastern section as the first regional section of APS. He also contributed to the formation of AUI and ORAU. □