

the Fulbright experience has meant personally and professionally. Responses should be addressed to:

Board of Foreign Scholarships,
CU/BFS, Room 4825,
Department of State,
Washington, D. C. 20520.

National Science Board urges "peace" technology

For three decades the US has maintained a strong commitment to the technologies of war, defense and space. An equally strong commitment to the technologies of peace should now be undertaken. This is the conclusion of the National Science Board in its fourth annual report to Congress. The report also states that it is the respon-

sibility of scientists and engineers to help solve major societal problems.

The Board suggests two major changes: Firstly, the Federal Government must recognize its responsibility to promote technological health by stimulating and supporting industrial research. Secondly, institutional mechanisms must be designed to deal with society's problems in their entirety, rather than piecemeal.

More specifically, the Board gives five recommendations to help the government carry out the goals in this report:

- The government should encourage the incorporation of basic and applied research into mature industries by supplying direct and indirect financial incentives.
- Any new technologies, not commer-

cially viable now, should be developed through government-aided research and development.

► Groups of full-time professionals should be formed to explore specific problems of national importance.

► The National Science Foundation and the Office of Education should undertake the promotion of public understanding of the principles and nature of technology on all levels of formal and informal education.

► Groups should be formed to conduct a long-range assessment and analysis of technological systems of broad public importance.

This report, "The Role of Engineers and Scientists in a National Policy for Technology," is available from the US Printing Office, Washington, D. C. 20402 for \$0.45 per copy.

the physics community

Shea to head AIP's Education Division

Dion W. J. Shea, director of the Society of Physics Students, will assume the position of director of the Education Division of the American Institute of Physics next month. He will replace Arnold A. Strassenburg, who will become Executive Officer of the American Association of Physics Teachers.

Shea's new duties will include supervision of the AIP information pool in education, the consultants program, the Tech Physics program and AIP publications related to education. The information pool in education is a collection of articles, documents, films, reports and other material treating many

aspects of physics education such as audio-visual aids and textbooks as well as building and lab design. The consultants program provides aid to physics departments in various aspects of physics education and administration, helping them to plan and implement major changes such as developing a new curriculum or designing a new lab building. The aid may come in several ways, for example by letter or telephone, or by a visit of a member or members of a panel of about 30 specialists. The Tech Physics program conducts physics courses for technicians. The AIP task is to coordinate the materials development efforts of four production centers.

Shea will remain SPS director, and the SPS office will share quarters with the Education Division and the executive office of AAPT near the campus of the State University of New York at Stony Brook.

Shea received his PhD from the University of Colorado in 1968. His research interests include liquid He-II and plasmas. He has been director of SPS since the middle of 1970.



SHEA

New APS committee to study minority groups

An *ad hoc* Committee on Minorities in Physics has been established by the American Physical Society. The committee, which is headed by Warren E. Henry of Howard University with J. E. Young of MIT as vice-chairman, will report to APS on the status of minority group members in physics and make

recommendations for possible improvements in this status. The committee will meet from time to time throughout the rest of the year. It is expected to present a report to the APS Council at its annual meeting next January.

APS divisions elect chairmen for 1972

Recently elected as the 1972 division chairmen of the American Physical Society were Henry M. Foley (Columbia University) for the electron and atomic physics division, Thomas Lauritsen (California Institute of Technology) for the nuclear physics division, Ronald K. Eby (National Bureau of Standards) for the high-polymer physics division, Vincent Jaccarino (University of California, Santa Barbara) for the solid-state physics division, Russell J. Donnelly (University of Oregon) for the fluid dynamics division, Kenneth Hedberg (Oregon State University) for the chemical physics division, Donald W. Kerst (University of Wisconsin) for the plasma physics division, Robert K. Adair (Yale University) for the particles and fields division, Peter E. Meyer (University of Chicago) for the cosmic physics division and Earl Callen (American University) for the Forum on Physics and Society.

The new secretary-treasurers are Phyllis S. Freir (University of Minnesota) for the cosmic physics division and Ralph A. Llewellyn (Indiana State University, Terre Haute) for the Forum on Physics and Society. □