

## New APS Congressional Fellows begin working in September

Aviva Brecher and Anthony Fainberg have been selected as APS Congressional Scientist Fellows for 1983-84; they will choose their Congressional affiliations and begin working in September.

APS Congressional Fellows are appointed for one-year terms that begin in September of every year. Their duties require not only a strong background in science and technology, but also an affinity for solving social problems. The competitive process by which a special APS selection committee chooses Congressional Fellows is designed to evaluate these characteristics.

During the April APS meeting in Baltimore, Brecher and Fainberg convinced the selection committee, headed by APS vice-president Robert R. Wilson, that they are well qualified to lead this highly successful fellowship program into its second decade. Mary L. Shoaf (Assistant Director of the Princeton Plasma Physics Laboratory) played a key role in administering the selection process.

Aviva Brecher will participate in the program during a one-year public-service leave of absence from Arthur D. Little, Inc, where she is currently a senior staff member in the Geotechnical and Nuclear Systems Safety Unit of the Safety and Engineering Technology Section.

Prior to joining Arthur D. Little, she served on the faculties of both MIT and Wellesley College. Brecher received her BS and MS degrees in physics from MIT and her PhD in applied physics from the University of California, San Diego (in 1972). She has worked in geophysics and planetary physics. Since she joined Arthur D. Little, she has spent time investigating such topics as risk analyses and the geophysics of nuclear waste.

Fainberg received his bachelor's degree in physics from New York University in 1964 and his PhD in experimental particle physics from the



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University of California, Berkeley, in 1969. Following a two-year appointment at CERN, he joined the staff of Syracuse University in 1973 as a visiting research assistant professor; he spent most of his time at Brookhaven National Laboratory, where he is currently a physicist in the department of nuclear energy.



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Both at CERN and at Brookhaven, Fainberg was responsible for data acquisition and analysis from particle detectors for high-energy physics experiments. More recently he has been active in work on nuclear safeguards, including systems studies, risk assessments, and evaluations of instrumentation needs.

## Boost given to physics for development

APS is participating in efforts to help physicists in developing countries. A summer seminar, designed to strengthen the organizational skills of physicists returning to developing Asian countries, was held at St. Francis Xavier University in Antigonish, Nova Scotia, from 17 to 30 July. The chief organizer of this seminar was J. William McGowan Jr (University of Western Ontario), a past chairman of the Subcommittee on International Scientific Affairs of the APS Panel on Public Affairs. Asian physics students, postdocs and visiting scientists were en-

couraged to attend.

Additionally, an international conference on Physics and Development is being organized by the International Centre for Theoretical Physics (Trieste), to be held 22-24 September, in conjunction with the International Union of Pure and Applied Physics General Assembly meeting in Trieste. Robert R. Wilson, the current chairman of SISA-POPA, and McGowan serve on the international advisory committee for this meeting, and they will be assisted in their efforts by POPA. □