

Izzo and Sweedler to be Congressional Fellows in 1985

Ralph Izzo and Alan Sweedler have been chosen APS Congressional Scientist Fellows for 1985. They were selected from an original group of sixteen applicants on the basis of a selection process that includes competitive interviews held during the April APS Meeting in Washington, D.C. Because 1984 is an election year, the new fellows will delay beginning their year's service as fellows until 1 January 1985. In the fall of 1984 they will attend an orientation course managed by the American Association for the Advancement of Science, following which they will choose the Congressional office in which they will serve.

During the same Washington APS Meeting where the new fellows were selected by an APS Panel headed by APS Vice-President Sidney D. Drell, a symposium and a special contributed-paper session were held to commemorate the Tenth Anniversary of the participation of the APS in the Congressional Scientist and Engineering Fellowship Program. APS's first decade of active involvement has generated an enthusiastic response both on the part of the senators and representatives who were served by the Fellows, and also among the Fellows themselves. The Fellowship program has had the continuing support of the APS Council and strong endorsement from two review committees, which reexamined the program's accomplishments and goals five and eight years after its inception.

The two new (1985) Fellows are young men with a few years of research experience following receipt of their PhD degrees.

Izzo was educated originally as a mechanical engineer, with BS and MS degrees awarded by the Columbia University School of Engineering and Applied Science. He received his PhD degree in Applied Physics and Mechanical Engineering from the Columbia University Graduate School of Arts and Sciences in October 1981. His doctoral studies involved modeling of plasma behavior in the Columbia fusion experiment, Torus II (with C. K. Chu).



IZZO

Izzo, after receiving his PhD, moved to Princeton, New Jersey, to become a member of the Applied Physics Division at the Princeton Plasma Physics Laboratory. His duties there entail theoretical support of experimental research efforts in magnetic-fusion energy. His principal scientific area of research is nonlinear, three-dimensional, resistive magnetohydrodynamics in support of experimental programs.

Izzo's activity in public affairs has involved speaking to arouse interest in magnetic-fusion energy research, science-education program development, and general scientific public information.

Alan R. Sweedler received his BS degree from City University, Brooklyn College, New York. His PhD in physics was awarded by the University of California at San Diego, in 1969; after remaining there a year as an assistant research physicist, Sweedler traveled to Santiago, Chile, where he served as professor of physics at the University of Chile. This appointment, which was supported by the Ford Foundation's Exchange Program, gave Sweedler



SWEEDLER

some taste for the social and political aspects of science and technology.

In 1973, Sweedler returned to the US to take up a position as research physicist at Brookhaven National Laboratory. Since 1978 he has followed a research and teaching career in California, first at California State University, Fullerton (until 1980), and then at San Diego State University. He now has a dual function as professor of physics and Director of the Center for Energy Studies (which he founded) at San Diego.

Sweedler has served on two local government advisory committees on energy planning, both of which deal with long-range energy plans for the San Diego Association of Governments. His current field of research, photovoltaics, has an important bearing on public energy policy.

Application information for those wishing to become candidates for the 1986 APS Congressional Science Fellow program will be found in the APS *Bulletin*, starting with the fall issue. The final selection will be made in April 1985. □