

## Goldin and Romm are selected to be Congressional Fellows

Edwin Goldin and Joseph J. Romm have been chosen APS Congressional Scientist Fellows for 1987-88. They were selected from an original group of 18 applicants in a selection process that included competitive interviews held during the APS spring meeting in Crystal City, Virginia. They will each spend one year on the staff of a member of Congress or of a Congressional committee, starting in mid-September.

Goldin, who heads the physics department at Bethany College in West Virginia, received a BA in physics from Temple University, where he minored in English. He received an MS in physics from the Polytechnic Institute of Brooklyn and an AA in fine arts from Cooper Union, working on sculpture. In 1973 he received his PhD in physics from Polytechnic. His dissertation was on quantum optics and computer animation. He did postdoctoral work at Polytechnic, where he made a computer-animated film on quantum coherence called "Swinging quanta."

From 1966 to 1968 Goldin was assistant professor of physics at Maritime College, State University of New York. In 1968 he became assistant professor of physics at Queens College, where he

GOLDIN



also initiated and administered "University of the air," a college-credit program in mathematics, language, history and humanities that was broadcast on network and cable television for college students and the general public. In 1970 he became assistant professor of physics at Fordham University. In 1976 he left Fordham to become coordinator of physics at Ramapo College of New Jersey, where he taught all the courses in the physics program, reorganized the physics curriculum, designed new courses and directed undergraduate physics research. Since 1981 he has been at Bethany College, where he is professor and head of the physics department.

Goldin is a founding member and member of the governing board of the Benedum Foundation Computer College Consortium at Carnegie-Mellon University. He has been active in the American Association of Physics Teachers, serving on several committees including the committee on physics in higher education, which he chaired in 1985-86. In 1979, at the International Science Film Competition's annual congress in Cairo, Egypt, Goldin received the group's highest award, the Diploma of Honor. He is a private pilot and has exhibited artwork at several galleries in New York and Maine.

Romm, a more recent graduate, is currently a postdoctoral research associate working with Kosta Tsepis at MIT. He has done research in laser physics, underwater acoustics, energy and environmental policy, and arms control. In 1982 he received his BS in physics from MIT, where he spent three years working with Ali Javan, who supervised his undergraduate thesis on carbon dioxide laser spectroscopy. In his senior year he won an award for the work from the Optical Society of America. In March 1987 Romm received his PhD from MIT. His thesis, supervised by Tsepis and Walter Munk of Scripps Institution of Oceanography, is entitled "Applications of normal mode analysis to ocean acoustic tomography."

An accomplished writer and lectur-

er, Romm has coauthored several papers and technical reports, mostly on arms control. In 1982 he won the \$1000 grand prize in an essay contest sponsored by *Newsweek* for their college subsidiary magazine *On Campus*. Subsequently he examined the issue of whether enemy missiles attacking densely based missiles would destroy each other ("fratricide"). His report was entered into the *Congressional Record* by former Senator Paul Tsongas of Massachusetts during a debate over basing schemes for the MX missile.

In the last five years Romm has spoken on Wisconsin public radio, CBS radio, and local Boston and San Diego cable TV, and has lectured at MIT, Harvard, Brandeis, Tufts, Stony Brook, Phillips Academy (Andover), several San Diego colleges and law schools, and to a great many political groups in Massachusetts, New York and California on all aspects of nuclear weapons.

Among Romm's other interests are Shakespeare and educational policy. He has studied Shakespeare's plays at Harvard, reviewed performances of his works for the MIT newspaper and written a play about his life. □

ROMM

