

Dr. James Arnold, Dr. Stanford S. Penner, and Dr. Alvin M. Weinberg named as National Lecturers for 1978-79 by Sigma Xi

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Two University of California, San Diego scientists have been named as National Lecturers for 1978-79 by Sigma Xi, the national honorary scientific society. In addition, a third scientist who served at UC San Diego this year as a regents' lecturer, has also been named as a lecturer by the society.

They are Dr. James Arnold, professor of chemistry, and Dr. Stanford S. Penner, director of the Energy Center, both at UC San Diego, and Dr. Alvin M. Weinberg, director of the Institute for Energy Analysis in Oak Ridge, Tenn., who served as a regents' lecturer with the Energy Center.

They are among 28 scientists and scholars chosen from throughout the United States to serve from July 1978 through June 1979. For the 41st successive year, Sigma Xi has assembled what it calls its College of National Lecturers in order to give chapters and clubs throughout the United States the opportunity to hear nationally known scientists discuss areas of current research in which they are engaged.

Arnold, a member of the UC San Diego faculty since 1958, will lecture on his work in the study of moon rocks. His pioneering studies of cosmic-ray products in meteorites and lunar samples have provided new insight into the origin and history of meteorites in the solar system and the characteristics of solar flares.

Penner was first chairman and founder of the Department of Aerospace and Mechanical Engineering Sciences at UC San Diego in 1964. He now serves as professor of engineering physics and director of the Energy Center. He will lecture on developing energy technologies and environmental impact assessments of escalating energy use.

Weinberg served as director of the Oak Ridge National Laboratory for more than a quarter-century and later served as director of the Federal Energy Administration's Office of Research and Development. In his lectures he will present an outline for an acceptable nuclear-energy system and will also give his reflections on the energy wars and on trans-science and the limits of science.

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