

## 8 faculty members receive Guggenheim fellowships

**April 8, 1976**

Eight University of California, San Diego faculty members are among 300 scholars, scientists and artists chosen from among 2,593 applicants to receive 1976 John Simon Guggenheim Memorial Foundation fellowships.

The UC San Diego Fellows and their grant topics are: David Antin, professor of visual arts, analytical studies in 20th century modernism; Dr. David Epel, professor of biology, Scripps Institution of Oceanography, experimental studies in developmental biology; Dr. Stephen H. Howell, assistant professor of biology, studies in molecular aspects of plant sciences; Dr. Kurt Marti, associate professor of chemistry, experimental and theoretical studies in cosmochemistry and nuclear astrophysics; Dr. Jerry A. Schneider, associate professor of pediatrics, School of Medicine, studies in cellular biochemistry; Dr. Melford E. Spiro, professor of anthropology, a comparative study of expressive culture; Dr. John H. Weare, associate professor of chemistry, theoretical and experimental studies in surface chemistry, and Dr. Theodore Friedmann, associate professor of pediatrics in residence, School of Medicine, theoretical and experimental studies in molecular biology.

Antin, a poet and critic, currently participating in a faculty exhibition at UC San Diego's Mandeville Art Gallery, is noted for his contributions to the new art of "performance," exemplified by his work entitled "Talking." Epel will use his fellowship money to travel to Churchill College, Cambridge University, England, where he will pursue his studies of early embryonic development. He will be on a 10-month sabbatical leave from SIO starting in September 1976, and will be an Overseas Fellow of Churchill College. He will also work with the Medical Research Council of Cambridge, England.

Howell, a member of the San Diego faculty since 1970, has published extensively on the subjects of DNA breakage and repair and the function of the quantasome in photosynthesis. Marti has performed research in cosmochemistry, rare gas studies, extinct elements, isotopic structure and synthesis of the elements, and the origin and history of the solar system, as well as cosmic-ray-produced nuclei in the moon and meteorites. He has been at the San Diego campus since 1968.

Schneider, a pediatrician and geneticist, specializing in metabolic disorders, will be pursuing studies in cellular biochemistry during the period of his grant. Friedmann is introducing new genetic information into cells in a laboratory investigation aimed at improved understanding of genetic disorders and the development of potential treatment for human genetic diseases.

Spiro has explored social behavior from the Israeli kibbutzim to South Seas atolls and human nature as expressed through belief in supernaturalism and manifestations of the Oedipus complex in Burma. Weare, a member of the San Diego faculty since 1969, has performed research into the chemistry and physics of atomic and molecular scattering theory and the theory of non-linear relaxation of many-body systems.

Dr. William B. Arveson, professor of mathematics at UC Berkeley and currently visiting professor at San Diego, also received a Guggenheim award to pursue studies in operator theory.

In all, the University of California received more than 40 awards. UC Berkeley led the field nationally with 21 Fellows. Stanford University received 18 and Harvard University, 11. UC Los Angeles and Yale University tied with 9. UC's Santa Barbara campus received 3 awards.

In the 52nd annual competition, \$4,192,000 was awarded. Awards are made on the basis of demonstrated accomplishment in the past and strong promise for the future. The great majority of fellows teach in American colleges and universities.

During its history, the foundation has granted nearly \$65 million in fellowships.

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