

Four University of California, San Diego faculty members have been named to receive fellowship awards from the John Simon Guggenheim Memorial Foundation for 1982

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Four University of California, San Diego faculty members have been named to receive fellowship awards from the John Simon Guggenheim Memorial Foundation for 1982. The UC San Diego fellows are among 277 scholars, scientists and artists chosen from among 3,200 applicants in the Foundation's 58th annual competition.

The fellowships were awarded on the basis of "demonstrated accomplishment in the past and strong promise for the future." The great majority of the new fellows teach in American colleges and universities. In all, 103 institutions are represented by one or more of the fellows. The fellowship awards for 1982 total \$5,070,000.

The UC San Diego Guggenheim Fellows for 1982 are:

Dr. Miriam Kastner, associate professor of geology at the Scripps Institution of Oceanography. Kastner joined Scripps in 1972 after serving for a year as a research associate at the University of Chicago. She was born in Czechoslovakia and grew up in Israel where she earned B.S. and M.S. degrees at Hebrew University in 1962 and 1964, respectively. She has served as Geological Sciences Curricular Group Coordinator at Scripps since 1978. Kastner's Guggenheim research will cover the origin of sedimentary dolomite. Her dolomite project has already yielded data with significant implications for oil exploration as well as basic research in the formation of ocean sediments.

Bernard Rands, professor of music and a highly respected composer and conductor of new music, came to the UC San Diego campus in 1975 as a visiting professor and joined the faculty in 1976. Rands, born in Sheffield, England, came to the United States in 1975 after serving for five years as a lecturer in music at the University of York, England. He has served as chairman of the Department of Music and is the founder of SONOR, a group dedicated to the research, preparation and presentation of a wide spectrum of 20th century music with a particular emphasis on recent works and music by American composers. He is currently one of only two American composers chosen to represent the United States at the Japanese Contemporary Music Festival in Tokyo. Rands' Guggenheim research will cover music composition.

Dr. J. Edwin Seegmiller, professor of medicine in the UC San Diego School of Medicine, came to the San Diego campus in 1969. Seegmiller graduated from the University of Utah in 1942 and received his M.D. from the University of Chicago in 1948. He became associated with the National Institutes of Health in Bethesda, Maryland, and, in 1966, was appointed Chief of the Section on Human Biochemical Genetics. He joined the UC San Diego faculty as director of the Division of Rheumatology and director of the Human Biochemical Genetics Program. His research interest pertains to hereditary diseases including gouty arthritis and presently centers on the genetic and biochemical mechanisms responsible for production of hereditary disease states. His Guggenheim research will be on the role of free radicals in human disease.

Dr. Teddy G. Traylor, professor of chemistry, came to the UC San Diego campus in 1961 after serving as a postdoctoral fellow and instructor in chemistry at Harvard University for two years. Traylor was born in Sulpher, Oklahoma, and earned his B.S. and Ph.D. degrees at UCLA in 1949 and 1952, respectively. He served as chairman of the UC San Diego Department of Chemistry for three years and, in 1971, was awarded a UC

President's grant for innovative projects in university instruction. Traylor's research has been in the fields of bioorganic, organometallic and physical organic chemistry. His Guggenheim research will cover studies of the reduction of oxygen by hemoproteins.

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