

Sloan Research Fellowships go to two here

March 22, 1971

Two faculty members in the Department of Physics at the University of California, San Diego are among 77 young physical scientists from throughout the nation who have been awarded Sloan Research Fellowships for basic research.

They are Dr. Shang-keng Ma and Dr. Thomas M. O'Neil, both Assistant Professors of Physics at UCSD.

Ma received his Ph.D. in Physics from the University of California, Berkeley in 1966 and came to UCSD as Assistant Research Physicist the same year. He was named Assistant Professor of Physics a year later and, in 1968, spent a year as a member of the Institute for Advanced Study at Princeton. He returned to UCSD in 1969.

O'Neil received his Ph.D. in Physics from UCSD in 1965. He served as a Staff Associate at General Atomic in La Jolla for two years before joining the UCSD faculty as Assistant Professor in 1967.

The new Sloan Research Fellows, whose average age is 30, were selected for their outstanding research potential on the basis of nominations by senior colleagues familiar with their work. They will receive research support averaging \$8,750 a year over the two-year period of their fellowships.

The fellowships are designed to assist scientists at an early stage of their careers when research support from government and other sources is difficult to obtain. The funds may be used for the purchase of equipment and supplies, support of technical and scientific assistance, professional travel, summer support, computer time, support of predoctoral fellows, relief from teaching where this does not conflict with the needs of the fellow's department, and other purposes approved by the fellow's university.

A principal criterion in the selections is the nominees' capacity to perform original and creative research in physics, chemistry, mathematics, and certain interdisciplinary fields such as geochemistry and astrophysics.

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