

## **\$1.2 million in research grant awards given to Revelle College**

**April 24, 1969**

Research grants totalling more than \$1.2 million were made to Revelle College in the 60-day period ending April 15, the University of California, San Diego disclosed yesterday.

A total of 28 projects received funding from various sources, including the National Aeronautics and Space Administration, National Science Foundation, Office of Naval Research, American Cancer Society, Alfred P. Sloan Foundation, Research Corporation and the Department of Health, Education and Welfare.

Many of the grants were renewals, continuing support to projects funded in previous years. The largest single grant, \$173,564, came from the National Science Foundation to support the appointment of 35 graduate trainees.

Two of the grants were made to UCSD scientists involved in preparations for the receipt, later this year, of lunar samples which Apollo 11 astronauts are expected to bring back to earth from man's first visit to the moon's surface. UCSD is one of many institutions throughout the world selected by NASA to study moon samples.

Of the more than 140 scientists who will be involved, world-wide, in lunar sample investigations, five are on the UCSD faculty. They are Dr. Harold C. Urey, Dr. James R. Arnold and Dr. Curt Marti, all of the Revelle College chemistry department, and Dr. Gustaf Arrhenius and Dr. Albert B. Engle, of UCSD's Scripps Institution of Oceanography.

Among principal investigators and projects receiving grants during the last 60 days were Dr. Alan Schneider, for "Theoretical Studies on Rendezvous"; Dr. James R. Arnold, "An Investigation of the Cosmogenic Radioactivity and Origin of Meteorites, and the Geochemistry of the Solar Nebula"; Dr. Gustaf Arrhenius, "Microstructure and Composition of Lunar Samples"; Dr. S. J. Singer, "Equipment for Optical Rotatory Dispersion Studies"; Dr. Robert J. Gould, astrophysics research; Dr. G. R. Burbidge, "Theoretical Research in Astrophysics."

Also Dr. Kent R. Wilson, "Molecular Dynamics and Translational Spectroscopy: Photodissociation of Triatomic Molecules" and "Primary Products of Photo Dissociation"; Dr. Robert L. Vold, "Nuclear Magnetic Resonance Studies of Water Structure in Aqueous Solutions"; Dr. Donald A. Norman, "Computer-Implemented Studies of Sensory Processing"; Dr. Michael E. Soule, "Variation Problem: The Bases of Phenotypic Variability in Natural Populations"; Dr. David E. Rumelhart, "Hypothesis Sampling in Concept Identification"; Dr. David M. Green, "Masking Mechanisms."

Also Dr. Gerhard N. Schrauzer, "Vitamin B-12 and Its Models"; Dr. G. R. Burbidge and Dr. E. M. Burbidge, "External Galaxies and Quasi-Stellar Objects"; Dr. Robert C. Fahey, "Proximity Effects in Polymolecular Reactions"; Melvin J. Voigt, "Medical Library Resource Support"; Dr. Joseph W. Watson, "Intra Molecular Catalysts of Ester Aminolysis"; Dr. Kurt E. Shuler, "Stochastic Processes in Chemical Physics"; Dr. Frederick Thomas Bond, "Strained Steroid Systems"; Dr. John H. Malmberg, "Nonlinear Plasma Wave Research"; Dr. Richard W. Dutton, "Studies of the Control of Proliferation and Differentiation in the Immune Response"; Dr. Paul A. Price, "Chemical Studies on Pancreatic Deoxyribonuclease"; Dr. Yuan-Cheng Fung, "Continuum Mechanics in Biophysics."

Also Dr. Masaki Hayashi, "Genetic Information Transfer in In Vitro System"; Dr. Joseph Kraut, "Crystallographic Study of Biological Molecules" and "Implementation of a Laboratory Automation System"; Dr. Donald R. Helinski, "Structure and Genetic Control of Colicines" and Dr. Paul A. Libby, "Mass Transfer in Laminar Hypersonic Boundary Layers."