

## **Dr. Urey gives moon photographs to Library**

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Dr. Harold C. Urey, Nobel Laureate and professor of chemistry-at-large at the University of California, San Diego, has given 5,000 photographs of the moon to the UCSD Library. The photos are from the five Lunar Orbiter missions.

George Vdovin, librarian for the Science and Engineering Library in Urey Hall, said that the set of photographs, which the National Aeronautics and Space Administration gave to Dr. Urey, is the only set in San Diego County and one of probably two dozen sets in the world. Each Lunar Orbiter transmitted almost 1,000 frames to the earth.

Vdovin said that the photos vary with the purpose of the Lunar Orbiter mission. The first three missions, which were in orbit about 30 miles above the moon at its equator, were reconnaissance flights for possible Apollo landing sites.

Lunar Orbiter Four, on a mapping mission, was in polar orbit several thousand miles above the moon. Orbiter Five photographed many sites of scientific interest. Some of the pictures show earth from 200,000 miles in space.

The film, developed in the spacecraft, was scanned by a high and medium resolution television camera, which transmitted the pictures to the Jet Propulsion Laboratory's Goldstone Tracking Station. After scanning, the film is stored on rolls in the craft and may be re-transmitted on command.

John Lewis, a graduate chemistry student at UCSD, said "Students of astronomy, chemistry and earth sciences will be particularly interested in studying the photographs, but the pictures are so striking and current that they will be of interest to everyone."

Interested persons can see the photographs upon request in the Science and Engineering Library, Urey Hall at UCSD.