

Dr. Carl E. Mcllwain awarded American Institute of Aeronautics "Space Science Award"

January 16, 1970

Dr. Carl E. Mcllwain, professor of physics at the University of California, San Diego, will be awarded the American Institute of Aeronautics and Astronautics "Space Science Award" at an AIAA banquet tonight in New York City.

Mcllwain will receive the award and a \$500 honorarium "for originating a system of coordinates which is of great utility for mapping the radiations trapped in the earth's geomagnetic field and for outstanding investigations of these radiations," according to the AIAA.

The Space Science Award was established by the AIAA in 1961, and is given annually to "a scientist who has distinguished himself through his achievements in investigation of the physics of atmospheres of celestial bodies and of the matter and fields existing in space."

Mcllwain joined the UCSD faculty in 1962 after serving on the faculty of the State University of Iowa, which granted him a Ph.D. in physics in 1960. In 1968 he was granted a Guggenheim Fellowship for studies at Imperial College, London.

Mcllwain's physics group at UCSD has designed and developed equipment for performing experiments in flight aboard several spacecraft, including the Explorer 15 and 26, Relay 1 and II, and several satellites in the ATS series. He and his colleagues presently are working on equipment to be flown aboard the ATS-F and G satellites.

Mcllwain serves as a member of the Federal Aviation Administration's Committee for Radiation Biology Aspects of the Supersonic Transport. He also has served as a consultant to the National Academy of Sciences and the National Aeronautics and Space Administration, and on a panel of the President's Science Advisory Committee.

He lives in La Jolla, with his wife Mary and two children, Janet and Kreg.