University of California, Los Angeles

UCAR Membership Report on 2009 Membership Renewal

The University of California, Los Angeles (UCLA) was a founding member of UCAR in 1959. Participation is through the Department of Atmospheric and Oceanic Sciences (AOS), which has 26 faculty members. AOS offers 33 undergraduate courses and more than 40 graduate courses. Degree programs include two undergraduate majors in Atmospheric, Oceanic & Environmental Sciences, an undergraduate minor, and an M.S. and Ph.D. in Atmospheric & Oceanic Sciences. In the last five years, AOS granted 46 B.S., 50 M.S. and 25 PhD degrees. There are currently 48 undergraduates and 45 graduate students enrolled in their programs.

AOS faculty have been very active in research and have published widely in many areas related to UCAR, including physical oceanography, meteorology, climate dynamics, hydrology, and atmospheric composition. The facilities at AOS are state-of-the art and include advanced computing facilities, a synoptic laboratory, an in-house GCM, and analytical chemistry, spectroscopy, radiometric, and physics laboratories.

AOS are very active in UCAR/NCAR activities. These include participation in the CCSM program, the Polar Climate Working Group, the AIMES Young Scientist Network, and the WRF land-surface working group. Faculty have served on the Earth and Sun Systems Laboratory Advisory Panel and the Earth Observing Laboratory External Advisory Committee. Several faculty have been lecturers or visiting scientists at NCAR, and many use NCAR modeling facilities and data products.

The UCAR Membership Committee concludes that the membership criteria are fulfilled, and recommends to the Members' Representatives that the membership of the University of California, Los Angeles be continued as provided by the UCAR bylaws.