The University of California, Berkeley has been a member of UCAR since 2003. Atmospheric science at UC Berkeley is concentrated in the Berkeley Atmospheric Sciences Center (BASC), which is classified as an Organized Research Unit within the University. The center is multidisciplinary and draws faculty from multiple departments, with research focus areas in atmospheric chemistry, biosphere-atmosphere interactions, and atmospheric dynamics and physics. There are 13 core and 25 affiliate faculty members associated with the BASC.

The Department of Earth and Planetary Sciences offers a BS degree in Earth and Planetary Sciences with an atmospheric science concentration. This degree was first awarded in 2001. The degree track typically has about 9 students and awards 2 to 3 degrees per year.

The graduate program awarded 33 PhD degrees in atmospheric science in the five year period from 2006-2010.

UC Berkeley scientists lead or participate in a number of large collaborative research programs. They publish in top-tier atmospheric science journals and serve as editors for a variety of scholarly publications and journals.

UC Berkeley faculty participate in UCAR governance as institutional representatives and on the Membership Committee. A number of Berkeley scientists have ongoing research collaborations with NCAR staff, use NCAR computational facilities, and participate in scientific and modeling workshops sponsored by NCAR.

In summary, the Berkeley Atmospheric Sciences Center has a substantial and continuing commitment to a full course of study leading to the doctorate in atmospheric science. BASC personnel have active and ongoing research efforts that contribute to progress in atmospheric science, as evidenced by their recent publications and funding; and they participate in NCAR research projects and governance.

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 at Berkeley be continued as provided by the bylaws.