Princeton University has been a UCAR member since 1981. The primary UCAR-related organization at Princeton University is the Atmospheric and Oceanic Sciences Program (AOS). AOS is an autonomous program within the Geosciences Department. AOS is also sponsored by NOAA’s Geophysical Fluid Dynamics Laboratory (GFDL). UCAR-related research activities are conducted within other organizations at Princeton University. For example, the Cooperative Institute for Climate Science fosters collaborations between the Princeton Environmental Institute and GFDL. The renewal application packet submitted by Princeton University focuses on AOS.

The renewal application packet reveals that AOS is committed to its UCAR-related program of studies and research. That program of studies and research is in the broad field of climate sciences. AOS has three tenured faculty, two tenure-track faculty, and 11 lecturers. Collectively, that group is referred to as the instructional faculty. Nine of the lecturers are GFDL scientists including Director V. Ramaswamy. Because of the strong collaborative environment that exists between AOS and GFDL, AOS faculty, staff, and students have ready access to GFDL’s outstanding science facilities.

AOS offers a Ph.D. degree in Atmospheric and Oceanic Sciences. Currently, there are 20 AOS graduate students. During the past five years many graduate students were recognized with prestigious awards and fellowships from various external institutions (e.g., three American Meteorological Society awards, four National Science Foundation Fellowships, and one Fulbright Fellowship). AOS granted nine Ph.D. degrees in the last five years. Those nine graduates are employed at well-respected national institutions (e.g., American Geophysical Union Congressional Science fellow) and foreign institutions (e.g., McGill University assistant professor).

The renewal application packet demonstrates AOS’s commitment to progress in UCAR-related sciences. Under the umbrella of climate sciences, AOS faculty, staff, and students conduct research spanning subjects from turbulence to climate modeling. External support of AOS research is approximately $6,000,000 annually, the bulk of which is provided by NOAA. Research by the AOS instructional faculty has resulted in over 400 refereed publications in the last five years.

The renewal application packet shows that AOS participates in the activities of UCAR. Examples include membership and leadership roles in the Community Atmospheric Model Working Group and membership in the President’s Advisory Committee on University Relations.

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