The University of Alaska, Fairbanks has been a member of UCAR since 1964. An Atmospheric Sciences program was established in the fall 2001, and in 2008, the Department of Atmospheric Sciences (DAS) was established as part of the College of Natural Science and Mathematics (CNSM). There are currently five core faculty members in the Department and research is conducted via the Geophysical Institute, the International Arctic Research Center, the Arctic Region Supercomputing Center and as part of the NOAA National Weather Service Office in Fairbanks.

Even though there is no undergraduate program, some graduate courses are available to upper level undergraduate students pursuing a BS in Applied Physics with a concentration in Atmospheric Sciences. The DAS offers graduate programs in Atmospheric Sciences, with a yearly average of 20 graduate students (9 masters and 11 PhDs). Over the last five years, the department has awarded 15 master and 5 PhD degrees.

Masters and PhD students, as well as the faculty, perform research in various fields, such as climate variability, middle and upper atmosphere, boundary layer meteorology, cloud microphysics, aerosols, air quality and glacio-meteorology and climatology, as well as other related fields, resulting in a large number of thesis, dissertations and publications.

The program continues to be active in UCAR membership activities (including different committee memberships), continues collaborating with other UCAR members and continues using UCAR/NCAR data, models and facilities.

In summary, the Department of Atmospheric Sciences hosts well-established and active graduate programs, participates in research that promotes progress in the atmospheric sciences via three institutes and in collaboration with the NWSFO in Fairbanks and continues to be an active UCAR member.

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