University Name **William Marsh Rice University**
Name of Member Representative **David Alexander, Director, Space Institute & Prof., Physics, Astronomy**
Name of Member Representative **Robert Griffin, Chair & Prof., Civil & Environmental Engineering**

**PROGRAM INFORMATION**
List the departments and programs at your institution that are engaged in atmospheric and related sciences.

- **Undergraduate BA & BS Programs**
- **Graduate Programs**
- **Professional Masters Programs**
- **Masters Programs**
- **PhD Programs**
- **Post-Doctoral, Research**

In the following departments:
- **Department of Civil & Environmental Engineering**
- **Department of Earth Science**
- **Department of Physics and Astronomy**

Indicate the total number of tenure-track and non-tenure-track faculty in the departments and programs listed above who are involved in atmospheric and related sciences.

**TOTAL = 11**
- **CEE: 2 (Cohan & Griffin)**
- **Physics: 7 (Alexander, Bradshaw, Chan, Hill (emeritus), Reiff, Sazykin, Toffoletto)**
- **Earth Science: 2 (Dickens & Masiello)**

List the relevant degrees, certificates, and other educational programs offered in the atmospheric and related sciences at your institution.

1. BS Physics
2. PhD Physics
3. PhD Space Physics
4. Professional Science Masters in Space Studies
5. BS Earth Science
6. PhD Earth Science
7. BA Civil and Environmental Engineering
8. BS Civil and Environmental Engineering
9. PhD Civil and Environmental Engineering
10. Professional Science Masters in Civil & Environmental Engineering

How many undergraduate degrees were awarded in atmospheric and related sciences during the last eight years? **239**

How many graduate degrees were awarded in atmospheric and related sciences during the last eight years? **47**
PROGRESS IN ATMOSPHERIC AND RELATED SCIENCES
Indicate your institution's progress and contributions in the atmospheric and related sciences within the last eight years. Check all that apply.

- Produced refereed and/or non-referreed publications
- Produced textbooks or other teaching materials
- Received external funding
- Participated in scientific societies

Briefly describe any additional contributions or information you wish to share with the committee. (optional)
- HAO/COSMO Steering Committee member (Alexander)
- Portfolio Review Committee for Division of Atmospheric and Geospace Science at NSF (Reiff)
- Instructor, Paleoclimate Summer School, Italy with other UCAR & UCAR-funded faculty (Dickens)
- AAAR Member (by-laws committee chair, young investigator committee, student poster judge, session chair, working group chair, and co-organizer of special symposium for national meeting) (Griffin)
- Service on TCEQ, AQRP, HARC independent technical/scientific/advisory boards (Griffin)

PARTICIPATION IN UCAR ACTIVITIES
How many of the last eight Annual Members Meetings has at least one Member Representative from your institution attended? 8

If applicable, list the UCAR Governance Committees that your faculty and staff have served on during the last eight years.
- Chair of NCAR/HAO Mauna Loa Solar Observatory Users' Committee (Alexander)
- University Corporation for Atmospheric Research, Community Programs Advisory Committee (Griffin)

If applicable, list the NCAR Advisory Committees or Panels that your faculty and staff have participated in during the last eight years.
- University Corporation for Atmospheric Research, Community Programs Advisory Committee

If applicable, briefly list UCAR/NCAR facilities and/or resources used by your faculty, staff, and students during the last eight years.
- Smog chamber
- NCAR Boulder, CO site
- Mauna Loa Solar Observatory
- Unidata
- NCAR/Wyoming Supercomputer Center
If applicable, briefly list examples of collaborative research activities with UCAR/NCAR staff by your faculty, staff, and students during the last eight years.

- **Student advising**
- **Co-authoring of papers**
- **Joint modeling efforts**
- **Faculty fellowship**
- **Collaboration/interaction with NCAR scientists via NASA Air Quality Applied Sciences Team**

If applicable, list participation in any other UCAR/NCAR activities by your faculty, staff, and students during the last eight years that are not already indicated above.

- **Lectured/seminars at NCAR Boulder, CO (Dickens, Griffin)**