



## Graduate Assistantship Opportunities in Atmospheric Science

MS and PhD –Graduate Assistantship includes full stipend, full tuition and fees, and health insurance

See <http://www.atmos.uwyo.edu/faculty/>

### OPPORTUNITIES – FALL 2010

1. **Studies of Marine Stratocumulus during VOCALS** – Leon, Snider
2. **Ice Generation in Tropical Clouds** – Leon, Wang, Snider
3. **Wintertime Orographic Precipitation Enhancement** –Geerts, Snider
4. **Airborne and ground-based studies of aerosol, water vapor, clouds and precipitation in complex terrain (several positions)** - Geerts, Snider, Wang, and French
5. **Multiple sensor cloud retrieval algorithm development** – Wang
6. **Mixed-phase cloud characterization with surface, airborne, and satellite measurements** – Wang
7. **Airborne lidar system developments and their application for cloud and aerosol study** – Wang
8. **Understanding cloud microphysical processes with remote sensing observation** – Wang
9. **Spatial and temporal air quality assessment of air pollution related to winter-time ozone production in the Upper Green Basin of Wyoming** – Field, Montague
10. **Trajectory analysis of volatile organic compounds from oil and gas development in the Upper Green Basin of Wyoming** – Field, Montague.
11. **Airborne instrument characterization and algorithm development** – Rodi, French

12. **Investigations of the initiation of polar stratospheric cloud particles using in situ measurements from a Lagrangian platform.** Deshler
13. **Using stratospheric aerosol measurements to extend and improve the global stratospheric aerosol climatology and assessing the impact of this climatology on stratospheric chemistry.** Deshler
14. **Measuring the importance of black carbon in controlling the absorption characteristics and cloud forming properties of organic aerosol.** Deshler, Montague.

### LINKS:

- [Department](#)
- [Faculty pages](#)
- [How to apply](#)
- [Job outlook](#)
- [Earth System Science undergraduate degree](#)

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