Exhibitor Booth Descriptions

- **UCP COMET** - COMET will showcase its extensive MetEd library, an engaging collection of hundreds of web-based geoscience-related training modules and highlight the many instructor-led courses and training-related services offered.

- **UCP JOSS** - The Joint Office for Science Support (JOSS) will showcase some of the many and diverse activities it has engaged in to facilitate the capabilities and success of our research community.

- **UCP Climate Services** - UCAR Climate Services will outline information on the education, training, evaluation, and data services it provides to connect end users to UCAR/NCAR climate science.

- **UCP GLOBE** - The GLOBE Program is an international science and education program connecting teachers, students, and scientists through data collection, analysis, and collaboration, in an effort to better understand our planet.

- **NCAR HAO** - The High Altitude Observatory booth will focus on work related to space weather with particular focus on community model development and observations being conducted in collaboration with the University community.

- **NCAR RAL** - The Hydrometeorological Applications Program at NCAR’s Research and Applications Laboratory will feature work being done in collaboration with the Army Corps of Engineers, the US Bureau of Reclamation, and the university community to evaluate and improve the tools that water resources managers have come to rely on.

- **NCAR CISL** - CISL’s mission is to support and advance the geosciences with world-class computing, data management, and research in mathematics and computational science; their booth will highlight some of the work being done to achieve these goals.

- **NCAR EOL** - NCAR’s Earth Observing Laboratory will highlight its various services that are available to the UCAR community, including the design and fabrication of new instrumentation, management and operation of NSF/NCAR lower atmosphere observing systems, collaborative research, access to data services, and support of education and outreach activities to reach the next-generation of scientists, engineers, and support staff.

- **University of Illinois, Urbana-Champaign** - University of Illinois will feature many of its collaborations with NCAR and UCAR, reflecting on the institutions' longstanding partnership.
• **Rutgers University** and the **NCAR Earth System Laboratory** will present the Geoengineering Model Intercomparison Project (GeoMIP), in which NCAR’s Community Earth System Model (CESM) is contributing to an international project to evaluate the benefits and risks of suggested solar radiation management schemes.

• **Millersville University**, well known for its strong undergraduate meteorology program, will highlight its new Master of Science in Integrated Science Applications (MSISA) program, which produces professionals with cross-disciplinary scientific skills and business knowledge. MSISA was developed in response to a growing need for highly skilled, technically astute scientists possessing good business sense and excellent communication skills.

• **McGill University, University of Toronto**, and **York University** are excited to be at the UCAR Expo to engage in a discussion about the past, present, and future of the fruitful collaboration between the Canadian University community and the UCAR/NCAR research and education enterprise.

• **NCAR Open Sky**, an open-access repository for discovering and accessing UCAR/NCAR scholarship, including peer-reviewed literature, the NCAR Technical Notes and archival materials, will showcase its capabilities and content.

• **The Pennsylvania State University** – UCAR Member Representatives from Penn State University will highlight a variety of the collaborations and projects currently underway in its Department of Meteorology

• **University of Wyoming** – Explore collaborations with UW scientists who are using the NCAR-Wyoming Supercomputing Center to enhance understanding and visualization of climate change, the Earth’s critical zone, wind-energy engineering and prediction, computational algorithms and the interconnectivity of natural and human water resource systems

• **UCP VSP** - UCAR’s Visiting Scientist Programs will present its many activities that provide support for training, education, and research advancement for the university community, federal agencies, and other organizations aiming to better understand Earth- and Sun-system science.

• **UCP SOARS Workforce Development** - “Preparing the next generation of scientists” will present internship and research opportunities available at UCAR for undergraduate and graduate students, as well as post docs, and introduce new resources for faculty interested in developing Research Experiences for Undergraduates.

• **UCAR Center for Science Education** – UCSE will share examples of how we can collaborate on the "Broader Impacts" requirements of your proposals to ensure national reach.

• **NCAR Earth Systems Laboratory/FRAPPÉ** – The collaborative successes and some preliminary research outcomes from the Front Range Air Pollution and Photochemistry Experiment will be featured at an air quality-focused booth staffed by the PIs. This major field experiment, which took place in Colorado in summer 2014 jointly with the NASA DISCOVER-AQ mission, includes UCAR member universities, federal and state agencies, and private companies.
• **UNIDATA** – Unidata will showcase some of the data services, tools, and examples of its cyberinfrastructure leadership that are helping universities advance Earth-system science, enhance educational opportunities, and broaden participation.