



**Graduate Research Opportunity
Lake Process and Global Climate Modeling
Utah State University**

The Departments of Watershed Sciences and Plants, Soils, and Climate at Utah State University (USU) invite applications for a PhD-level graduate research assistantship in the studies of lake process and global climate modeling starting in Fall 2014. This assistantship opportunity is a NOAA funded study aimed to improve lake process simulations in NOAA's Climate Forecast System (CFS). The student may earn his/her PhD through the climate or watershed science doctoral program. Candidates with a background in atmospheric sciences, meteorology, climate, hydrology, computer science, computational science, applied mathematics, or a related field are strongly encouraged to apply. Strong computer programming skills (e.g, Fortran, Unix/Linux, C, or other similar languages) are required. Experience with global or regional climate modeling such as running the CFS model, Earth System Models, the Weather Research Forecasting model or similar models is preferred, but not required.

Prospective students should contact Dr. Jiming Jin (Jiming.Jin@usu.edu) by email for further information about this opportunity and include a current resume and a statement of research interests.

USU is located in Logan, 85 miles north of Salt Lake City, in a community of 100,000. It is situated in beautiful Cache Valley, a semi-rural mountain basin offering ski resorts, lakes, rivers, and mountains. The Wasatch/Cache National Forest provides unlimited outdoor recreation year-round. Housing costs are lower than the national average, and there are diverse cultural opportunities. Northern Utah is a short trip from the most scenic National Parks in the USA, including Zion, Bryce Canyon, Canyonlands, Arches, Capitol Reef, GrandTeton, Great Basin, and Yellowstone.



Campus of Utah State University



Cache Valley, Utah