

PhD student positions in Atmospheric Modeling and Health Analysis
University of North Carolina at Chapel Hill, Dept. of Environmental Sciences and Engineering

I am looking for at least one new PhD student to join the Climate Health and Air Quality Lab at UNC (<http://www.unc.edu/~jjwest/chaq.html>). The PhD students will conduct research on funded projects in one of two areas:

- Global modeling of atmospheric transport and chemistry with CAM-chem, and evaluating the global air quality and health benefits of actions to reduce emissions from individual world regions.
- Downscaling of meteorology and air quality from future global simulations, accounting for climate change, to understand air quality in the US at fine resolution, using the WRF, SMOKE, and CMAQ models.

UNC is strong in air pollution science and modeling, and my lab has a history of connecting atmospheric modeling with health impact analysis and policy analysis. Candidates should have strong computer skills, and backgrounds in engineering, atmospheric science, or several related areas. I am now reviewing applications to start August, 2015. Please apply through my department's website (<http://sph.unc.edu/envr/environmental-sciences-and-engineering-home/>), and please contact me with questions.

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