

NOTICE OF VACANCY
WASHINGTON STATE UNIVERSITY
Laboratory for Atmospheric Research
Department of Civil and Environmental Engineering
Voiland College of Engineering and Architecture
Position 55848

Washington State University, Department of Civil and Environmental Engineering and the Laboratory for Atmospheric Research (LAR) invite applications for a permanent 9-month tenure-track faculty position open at the assistant to associate professor level on the WSU Pullman campus with an effective start date in the window from January 1, 2017 to August 16, 2017. This position is part of WSU's priority to build a diverse faculty; thus, female and minority candidates are strongly encouraged to apply.

POSITION DESCRIPTION – Candidates are sought with expertise in the development, evaluation, and application of numerical air quality models related to air quality, atmospheric chemistry, and climate change at urban to regional scales. The successful applicant will be expected to help lead and grow the WSU AIRPACT air quality forecast system operations. The selected applicant will be expected to teach graduate and undergraduate air quality and environmental engineering courses, direct graduate student research, and develop a strong extramurally funded research program. The position requirements include:

1) expertise within the range of available urban to regional scale atmospheric chemistry models with applications to air quality, atmospheric chemistry, and/or climate change, 2) a record of research accomplishments as demonstrated by peer reviewed publications and/or extramural grants, 3) demonstrated ability to work with diverse, interdisciplinary teams in a collegial and collaborative manner, 4) a record of outreach, mentoring, or teaching to diverse student populations, and 5) an earned Ph.D. or equivalent degree in a relevant engineering or science field. In addition, experience using remote sensing and in situ observations to evaluate and improve models and participation in the design and implementation of field campaigns is desirable.

UNIVERSITY - Founded in 1890, Washington State University is a comprehensive research, land-grant institution with a total student enrollment of approximately 27,000. WSU has excellent faculty-friendly policies, including a partner accommodation program, and is the recipient of a 2008 National Science Foundation ADVANCE Institutional Transformation award to increase the recruitment, retention, and advancement of women faculty in science, technology, engineering and mathematics (STEM) disciplines (see www.ADVANCE.wsu.edu). The WSU Pullman campus is located in Pullman, WA, which is about 75 miles south of Spokane and is one of the largest residential universities in the West.

DEPARTMENT - The Department of Civil and Environmental Engineering is one of five departments within the Voiland College of Engineering and Architecture. The department has an active research program with approximately \$7 million in external annual funding. The department maintains teaching loads in undergraduate and graduate instruction at attractive levels in order to allow time for research development and scholarly activities. Additional information about the department is available at <http://www.ce.wsu.edu>.

The Laboratory for Atmospheric Research is an air quality and climate change research group with a strong reputation for both measurement and modeling studies of air quality, atmospheric chemistry, and climate change (<http://www.lar.wsu.edu>). There are nine faculty members in LAR, and the group collaborates with WSU faculty and outside scientists across a broad range of topics. The LAR is a focal point for measurement and modeling studies supported through the Northwest Air Quality Environmental Science & Technology (NW-AIRQUEST) consortium, which includes active participation by federal, state, and local air quality agencies throughout the Northwest (<http://lar.wsu.edu/nw-airquest/>). In this role, LAR is responsible for the daily operation, maintenance and development of the AIRPACT regional air quality forecast system (<http://lar.wsu.edu/airpact/>).

APPLICATION PROCESS - Applicants should apply online at <https://www.wsujobs.com> by submitting the following: a cover letter, a detailed resume, a statement of research and teaching interests, and a list of five references with contact information. Screening of candidates will begin September 1, 2016, but applications will be accepted until the position is filled.

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