

**Faculty Search**  
**Aerosol Science and Engineering**  
**Department of Energy, Environmental & Chemical Engineering**  
**Washington University in St. Louis**

The McKelvey School of Engineering at Washington University in St. Louis invites applications and nominations for tenure-track faculty position(s) in the Department of Energy, Environmental & Chemical Engineering ([www.eece.wustl.edu](http://www.eece.wustl.edu)). Joint appointments with other departments (e.g. Earth and Planetary Sciences) may be possible for suitably qualified candidates.

The faculty search is open to all areas of aerosol science and engineering, with a preferred emphasis on identifying individuals with expertise in two distinct areas: **(A)** atmospheric aerosol processes. Special consideration will be given to research involving a transdisciplinary approach e.g. in studies of atmosphere-biosphere interactions; and **(B)** gas-phase synthesis of functional materials and/or characterization for application e.g. in chemical catalysis or photonics and optoelectronics. Special consideration will be given to research involving metastable phases including application-oriented characterization.

The search is focused on scholars holding (or soon to hold) a PhD in environmental engineering, chemical engineering, materials science, environmental/atmospheric science, or a related discipline. Applicants with an interest and expertise in translating fundamental advances into practice through innovation and entrepreneurship are also encouraged to apply. Candidates are encouraged to express how they may interact across the department's strengths in aerosol science and technology, the chemistry of aquatic systems, systems biology, microbiome sciences, nanomaterials synthesis, and energy research, as well as university-wide initiatives on energy and the environment that include the Center for Aerosol Science and Engineering, the International Center for Energy, Environment and Sustainability, and the Institute of Materials Science and Engineering.

Applicants should submit a cover letter articulating their interest in this opportunity, their curriculum vitae, a statement of research plans, a statement of teaching interests and philosophy, and the names and contact information for three references to <https://apply.interfolio.com/96041>. The combined length of the research and teaching statements should not exceed five pages. Questions regarding the process should be directed to the search committee chair Dr. Rajan Chakrabarty ([chakrabarty@wustl.edu](mailto:chakrabarty@wustl.edu)). Applications will be considered on a rolling basis until the position is filled, but priority will be given to those received by December 1, 2021.

Washington University in St. Louis is committed to the principles and practices of equal employment opportunity. It is the University's policy to recruit, hire, train, and promote persons in all job titles without regard to race, color, age, religion, sex, sexual orientation, gender identity or expression, national origin, protected veteran status, disability, or genetic information.