Assistant Professor of Energy Science & Engineering
Stanford University

Job Title	Assistant Professor of Energy Science & Engineering
Department	Energy Science & Engineering http://ese.stanford.edu
Institution	Stanford University Stanford, California
Date Posted	Aug. 13, 2024
Application Deadline	Nov. 1, 2024
Position Start Date	Available immediately
Job Categories	Assistant Professor
Academic Field(s)	Earth Sciences Geology/Geosciences - General
Job Website	https://facultypositions.stanford.edu/en-us/job/494744/assistant-professor-of-energy-science-en
Apply Online Here	https://secure.dc4.pageuppeople.com/apply/1054/aw/applicationForm/initApplication.asp?lJobID us&sSourcePointer=aw&lJobSourceTypeID=796
Apply By Email	

Assistant Professor of Energy Science & Engineering
Stanford University

Job Description

The Department of Energy Science & Engineering at Stanford University seeks applicants for an Assistant Professor (on the tenure track). Applicants are expected to have earned a PhD in engineering, or a related discipline, and to have a strong orientation toward research and teaching to transform the energy system.

The mission of Energy Science & Engineering is to develop the engineering science and educate the future leaders needed to transform global energy supply, production/conversion, storage, and use to achieve energy sustainability. We combine theory, experiment, and simulation to transform the global energy system to sustain the people and the planet. We seek a scholar to help us further this mission. Particular areas of interest include energy systems modeling including grid simulation and optimization, geological storage of carbon dioxide and hydrogen, energy storage, catalysis and materials engineering, geothermal energy resources and their recovery, and assessment of energy impacts. The successful candidate is expected to teach core courses at the undergraduate and graduate levels, develop advanced courses in their research specialty, and establish a world-leading research program emphasizing integration of fundamental principles with energy engineering.

Interdisciplinary teaching and research efforts are highly valued in Energy Science & Engineering. We anticipate that the successful candidate will initiate, develop, or contribute to the interactions among faculty in other departments within the Stanford Doerr School of Sustainability, School of Engineering, and appropriate departments in the School of Humanities and Sciences. Furthermore, there is potential for joint appointment as a Center Fellow in the Precourt Institute for Energy and/or the Woods Institute for the Environment.

The Energy Science & Engineering Department, Stanford Doerr School of Sustainability, and Stanford University value faculty who foster an inclusive academic environment for colleagues, students, and staff with a wide range of backgrounds, identities, and outlooks. Candidates may choose to include as part of their research and teaching statements a brief discussion about how their work and experience will further these ideals. Additional information about Stanford's IDEAL initiative may be found here: https://ideal.stanford.edu/about-ideal/diversity-statement.

Applicants are required to provide:

1. One-page cover letter

Assistant Professor of Energy Science & Engineering
Stanford University

2. Curriculum vitae including research accomplishments, teaching experience, and publications

3. Contact information for three reference letter writers

4. Combined research and teaching statement (not to exceed 3 pages)

Application materials need to be submitted online at this link. The deadline to submit your application is 11:00 p.m. (PST) November 1, 2024. Late applications will not be accepted.

The expected base pay range for this Assistant Professor position is $138,000 - $158,000. Stanford University has provided a base pay range representing its good faith estimate of what the university reasonably expects to pay for the position. The pay offered to the selected candidate will be determined based on factors including (but not limited to) the experience and qualifications of the selected candidate including years since terminal degree, training, and field or discipline; departmental budget availability; internal equity; and external market pay for comparable jobs.

For general questions regarding this position, please contact Sandy Costa at scosta@stanford.edu.

EEO/AA Policy

Stanford is an equal employment opportunity and affirmative action employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, protected veteran status, or any other characteristic protected by law. Stanford welcomes applications from all who would bring additional dimensions to the University's research, teaching and clinical missions.

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact Sandy Costa
Energy Science & Engineering

Assistant Professor of Energy Science & Engineering
Stanford University

Stanford University
Stanford, CA

Contact E-mail scosta@stanford.edu