



Vacancy Announcement
Faculty Tenure-Track Position Starting August 2017
Department of Environmental Resources Engineering
Job # 7726

Humboldt State University is committed to achieving the goals of equal opportunity and endeavors to employ faculty and staff of the highest quality reflecting the ethnic and cultural diversity of the state

DESCRIPTION: Humboldt State University's Department of Environmental Resources Engineering (ERE) invites applications for an academic year tenure-track faculty position in one or more of the following areas: Solid and Hazardous Waste, Water Resources, Energy Systems and/or Engineering Education. Expertise in computational methods, groundwater, engineering mechanics and/or material science is desirable.

RANK, SALARY AND BENEFITS: We seek to fill this position at the Assistant Professor rank; however, rank and salary are dependent on the appointee's qualifications and experience. The current California State University Salary Schedule is available at: <http://www.humboldt.edu/aps/docs/salary/Salary-Schedule.pdf>.

Humboldt State University provides an excellent benefits package for faculty. Information about benefits plans can be found at: <http://www.humboldt.edu/forms/node/934>.

PROFESSIONAL QUALIFICATIONS: An earned Ph.D. or equivalent in Environmental Engineering or a related engineering or science field from an accredited college or university is strongly preferred at the time of appointment and is required prior to the start of the second probationary year following initial appointment.

The successful candidate must demonstrate the following:

- ✓ Expertise in Solid and Hazardous Waste, Water Resources, Energy Systems, and/or Engineering Education;
- ✓ Commitment to and/or experience promoting and fostering a learning environment that is supportive of individuals from diverse backgrounds;
- ✓ Record of, or potential for, involving students in research and scholarly activity;
- ✓ Potential for effective teaching or teaching experience using a variety of methodologies;
- ✓ Interest and ability to teach a broad range of courses (major, general education, etc.); and
- ✓ Willingness to participate in the development of online learning experiences.

Preferred qualifications for this position include:

- ✓ Expertise in computational methods, groundwater, engineering mechanics and/or material science.
- ✓ Registration as a professional engineer.

At the time of appointment, the successful candidate, if not a U.S. citizen, must have authorization from the Bureau of Citizenship and Immigration Services to work in the United States. For information on the University policy on support for non-immigrant probationary faculty visa acquisition, please visit:

http://www.humboldt.edu/aavp/sites/default/files/04-03%20Admin%20Memo%20Approved%20Policy%20-%20H-1b%20Process_4_4_13.pdf.

Evidence of degree(s) is required at time of hire.

PROFESSIONAL DUTIES: Candidates should be committed to teaching excellence in an undergraduate program and to building a strong research record. Responsibilities include teaching for the Environmental Resources Engineering Department, and instructional assignments will be consistent with the programmatic needs of the department and students. The courses assigned to the candidate will include engineering classes in the candidate's area of expertise. Course assignments will also include other department courses in basic engineering science (e.g. Statics, Dynamics, Strength of Materials, Introduction to Design, Environmental Data Monitoring and Analysis etc.). Candidates should be interested in undergraduate and graduate research programs and in securing external funding for research. Candidates have an opportunity to collaborate with experts in ecohydraulics, membrane technology, advanced water treatment systems, air quality, renewable energy, and decentralized electricity systems. Opportunities exist for participating in two options of the Environmental Systems graduate program: Environmental Resources Engineering (ERE) and Energy Technology and Policy (ETaP). The Environmental Resources Engineering department has direct faculty and student links to the Schatz Energy Research Center, the Campus Center for Appropriate Technology, and the internationally-acclaimed Arcata Marsh and Wildlife Sanctuary. Opportunities exist to collaborate with and/or conduct research through these entities. A typical teaching load is three courses per semester for the Environmental Resources Engineering Department.

The primary professional responsibilities of instructional faculty members are: teaching; research, scholarship and creative activity; and service to the University, profession and to the community. These responsibilities include: advising students, participating in campus and system-wide committees, maintaining office hours, working collaboratively and productively with colleagues, and participating in traditional academic functions. Probationary faculty are provided mentorship opportunities to foster success. During the first two years of the probationary period, teaching responsibilities will be reduced by approximately one course each semester. The reduced teaching load supports the establishment of excellence in teaching and an active research agenda which are necessary for tenure.

GENERAL INFORMATION: The Environmental Resources Engineering (ERE) Program is ABET accredited. It is one of the largest, oldest, and most respected undergraduate environmental engineering programs in the country. The mission of the ERE program is to prepare engineers to solve complex environmental resources problems. The program strives to educate leaders who will sustain, restore, and protect our natural resources and the environment. The program emphasizes hands-on learning; ERE students engage in frequent labs, field trips, and team projects, while enjoying a cooperative learning environment in classes that range from 12-90 students. The department and university value diversity, inclusion and access. Currently half of the tenure track faculty are women, 35% of ERE students self-identify as underrepresented, 40% of the students are first in family to attend university and half of the students are Pell Grant eligible.

Humboldt State University is part of the 23-campus California State University system. The University has a comprehensive arts and sciences curriculum, which is recognized nationally for its high academic quality. Founded in 1913, HSU is one of the premier, public institutions in the western United States; it is a residential and rural campus with an enrollment of approximately 8,500 students. The main campus is located in Arcata, California, in the northwestern part of the state along the coast, situated among redwood trees in an area that offers unmatched scenic beauty, moderate climate and opportunities for outdoor activities. The surrounding Humboldt County locale has a population of 134,000. The community offers an excellent range of businesses, services and cultural activities/performances. The local schools are ranked in the top performance percentiles, both nationally and in the state.

Further information can be found online:

- Environmental Resources Engineering Department (www.humboldt.edu/engineering)
- College of Natural Resources and Sciences (humboldt.edu/cnrs/)
- Humboldt State University humboldt.edu)

APPLICATION: Qualified candidates should submit electronically the following materials:

- ✓ Letter of application;
- ✓ Curriculum vitae;

- ✓ Description of teaching experience and interests;
- ✓ Description of research experience and interests;
- ✓ Graduate transcripts (unofficial copies are sufficient for initial review);
- ✓ Names and contact information for three professional references;
- ✓ Application for Academic Employment: <https://www.humboldt.edu/forms/node/757>; and
- ✓ Supplemental Application for Academic Employment: <http://www.humboldt.edu/applicantsurvey/>.

Additional application materials may be requested at a later time.

Submission of the application materials should be sent as a **single PDF document**, in the order listed above to:

engineer@humboldt.edu

In letter of application, please refer to **Job #7726**.

Please direct any questions pertaining to this position, the Department of Environmental Resources Engineering, or Humboldt State University to:

Dr. Eileen Cashman, Search Committee Chair
Department of Environmental Resources Engineering
Humboldt State University
One Harpst Street
Arcata, California 95521-8299
Phone (707) 826-3619
Email: engineer@humboldt.edu

APPLICATION DEADLINE: This position is open until filled. First consideration will be given to completed applications received no later than **March 3, 2017**. Early response is encouraged.

It is the responsibility of the applicant to provide complete and accurate employment information. Evidence of required degree(s), certifications(s), or licenses(s) will be required prior to the appointment date. A background check (including a criminal records check, employment verification, and education verification) must be completed satisfactorily as a condition of employment with the CSU. Certain positions may also require a credit check, motor vehicle report, and/or fingerprinting through Live Scan service. Adverse findings from a background check may affect the application status of applicants or continued employment of current CSU employees who apply for the position. All CSU employees are obligated to respond to and report incidents of sexual harassment and sexual violence. The successful candidate for this position will be mandated to receive relevant training on an annual basis. The person holding this position is considered a 'mandated reporter' under the California Child Abuse and Neglect Reporting Act and is required to comply with the requirements set forth in CSU Executive Order 1083 as a condition of employment.

Humboldt State University is a Title IX/Affirmative Action/Equal Opportunity Employer. We consider qualified applicants for employment without regard to race, religion, color, national origin, ancestry, age, sex, gender, gender identity, gender expression, sexual orientation, genetic information, medical condition, disability, marital status, protected veteran status, or any other legally protected status. If accommodations need to be made during the recruitment and interview process, please contact Human Resources at (707) 826-3626 or hsuhr@humboldt.edu.

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