



California State University, Chico

Today Decides Tomorrow

Assistant Professor Position in Sustainable Manufacturing College of Engineering, Computer Science, and Construction Management

The University

California State University, Chico is a fully accredited, state-supported member of a 24-campus CSU system. The university is a residential campus serving a diverse student body of approximately 16,000.

Founded in 1887, CSU, Chico offers undergraduate and graduate programs in the Colleges of Behavioral and Social Sciences; Communication and Education; Computer Science, Engineering and Construction Management; Humanities and Fine Arts; Natural Sciences; Business; and, Agriculture.

As a comprehensive university serving Northern California and other regions nationally and internationally, our first priority is the education of our students. We are committed to assisting students in their search for knowledge and understanding and to prepare them with the attitudes, skills and habits of lifelong learning in order to assume responsibility in a democratic community and global society.

The Community

With a population of nearly 110,000, Chico is located in the Sacramento Valley near the foothills of the Sierra Nevadas. It is 180 miles northeast of San Francisco and 90 miles north of Sacramento and offers a reasonable cost of living compared to metropolitan areas.

Chico retains the charm of a small town while offering medical services, excellent public and private schools, and many cultural and recreational activities. The city's Bidwell Park, one of the largest municipal parks, extends from the city center along a creek deep into the foothills and surrounding canyons. For more: www.csuchico.edu/pa/chico-facts.shtml

The Position: The Department of Mechanical and Mechatronic Engineering and Sustainable Manufacturing (MEM) is seeking a full-time, tenure track Assistant Professor in Sustainable Manufacturing to start August 2012. Candidates should have expertise in traditional manufacturing areas such as manual and CNC machining, tooling design/construction, automation, robotics, PLCs, graphics, and CAD/CAM integration. In addition, successful candidates will have broad expertise in sustainability with experience in several of the following areas: life cycle assessment, alternative materials for reduced environmental impact, resource recovery management, design for recycling and deconstruction, sustainable manufacturing advocacy, and management/executive experience with extensive industry contacts. Position is contingent on funding. As a university that educates students of various ethnic and cultural backgrounds, we value a diverse faculty and staff. Chico welcomes applicants who are knowledgeable about and interested in working within a cross-cultural learning environment. We also welcome those who share a passion and commitment to the University's Strategic Priorities-<http://www.csuchico.edu/vpaa/wasc/StrategicPrior/>.

Minimum Qualifications: The minimum education requirement for appointment to this position is an earned Doctorate degree in a field closely related to Sustainable Manufacturing or an earned M.S. degree in a closely related field with significant industrial experience. Proficiency in written and oral English is required. Candidates must have a strong commitment to undergraduate education and expertise in one or more of the areas listed above.

Preferred Qualifications: Preference will be given to candidates with professional experience in the expertise areas listed above, along with appropriate professional credentials such as Professional Engineer (PE), Certified Manufacturing Engineer (CMfgE), or Certified Manufacturing Technician (CMfgT). Preference will also be given for bilingual candidates (Spanish or Mandarin preferred) and those with teaching experience in higher education.

Responsibilities: This tenure-track position carries responsibilities in the areas of teaching at the undergraduate level (this is primary), scholarship, and service. Teaching responsibilities may include introductory and advanced machining, automation, robotics, PLC programming, welding, tooling, plastics, manufacturing management, and engineering graphics. Scholarship and professional development activities are required, with preference given for applied research projects with economic, environmental, or societal gains. Service includes student advising, serving on academic committees, and industry outreach activities to promote business, workforce, manufacturing, policy, and economic development. Teaching assignments are based upon qualifications of the individual and the needs of the department.

Salary: Salary commensurate with education and experience.

The Department: The Department of MEM offers three accredited B.S. degree programs: Mechanical Engineering (280 current majors), Mechatronic Engineering (120 current majors), and Sustainable Manufacturing (60 current majors). The Department also offers a minor in Manufacturing. It is one of five departments in the College of Engineering, Computer Science, and Construction Management (ECC).

The Department of MEM has several active student chapters that include the American Society of Mechanical Engineers (ASME), American Institute of Mechatronic Engineers (AIME), Society of Manufacturing Engineers (SME), and Society of Plastics Engineers (SPE). The Department prides itself in maintaining rigorous curricula, delivering programs that are practice-oriented with a strong design focus, and having accessible faculty who provide a high degree of personal attention to all students. The College and Department typically support several major extracurricular student projects such as the ASME Human Powered Vehicle Challenge, the Baja SAE competition, the WESTEC Manufacturing Challenge, and the Intelligent Ground Vehicle Competition. Chico State has a tradition of performing

well in all of these competitions.

Refer to www.csuchico.edu/mmem and www.csuchico.edu/ecc for more information about the Department of MMEM and College of ECC, respectively

Closing Date: Review of applications will begin on January 15, 2012 and will continue until the position is filled.

How to Apply: All applicants must complete the Application for Academic Employment Form, which is available on-line at <http://www.csuchico.edu/faaf/facultyrecruit/facultyapplication.pdf> to be submitted with a cover letter summarizing specific qualifications and interests, a complete curriculum vitae or resume, and a list of at least three references with telephone numbers. All application materials must be mailed to:

Gregory K. Watkins, Ph.D., PE, Search Committee Chair
Department of MMEM, OCNL 419
California State University, Chico
Chico, CA 95929-0789

Applications by email will not be accepted.

Questions may be directed by email to gkwatkins@csuchico.edu.

An annual security report disclosing crime statistics for California State University, Chico can be obtained by contacting the Chico State University Police Department (530-898-5555) or by accessing the following website: www.csuchico.edu/up/clery_report.shtml

For disability related accommodations please call ADA Coordinator at (530) 898-6771.

CSU, Chico is an Equal Opportunity / Affirmative Action Employer and also only employs individuals authorized to work in the U.S.