Position Opening

POSITION: Post Doctoral Research Associate
STATUS: Full-time / Hourly / Benefited / Non-Exempt
COMPENSATION: $30.00-$35.00 per hour
DEPARTMENT: Civil Engineering
LOCATION: California State University, Chico – On Campus
RECRUITMENT ID: 015
RESIDENCY: Candidate must be a California resident at the start of the position. Chico State Enterprises is not a sponsoring agency for staff and management positions (i.e. H-1B Visas).

The position will be expected to start in January 2024. The initial appointment is 2 years and may be renewed based on performance and funding.

ESSENTIAL JOB FUNCTIONS:
The research work focused on the recycling of agricultural and industrial by-products for sustainable road construction, maintenance and preservation. The candidate shall have experiences to perform AASHTO and/or ASTM tests on asphalt paving materials including asphalt binder, asphalt mixture, and asphalt emulsion; advanced pavement performance evaluation based on Mechanistic-Empirical design; chemical test and analysis (e.g., FTIR test) on asphalt binder and asphalt emulsion; and LCA/LCCA analysis on pavements.

- Perform contracted research with external collaboration with Washington State University and University of California Davis.
- Supervise undergraduate research assistants on research projects.
- Develop new research proposals.
- Write research reports and manuscripts in peer-reviewed journals.
- May have the opportunity to teach undergraduate courses in civil engineering to gain teaching experience.

EMPLOYMENT STANDARDS:
- A PhD in civil engineering or material science.
- Published papers in peer-reviewed journals.
- Experience with programming language: such as Python or C++
- Excellent written and oral communication skills in English.
- The ability to work independently and to participate creatively in collaborative teams.

BENEFITS:
Benefits for employees working 30 hours or more per week include employer paid life insurance ($50,000) and long-term disability; options for health, dental, and vision insurance; FSA; 14 paid holidays including 1 personal holiday; vacation accrual (initially 10 days/year); sick leave (up to 12 days/year); employer contributions to your 403(b) retirement plan (up to 8%).
HOW TO APPLY:
To be considered, submit the following documents by **November 30th, 2023. The first review will be on December 1st, 2023.**

- Resume or Curriculum Vitae
- Cover Letter
- Contact information of two to three professional references
- Two published journal articles (can be under-reviewed manuscripts)

BY DROP BOX:  
[https://csuchico.app.box.com/f/ff9bddf60a514b9a9ff3f6337c9f7a56](https://csuchico.app.box.com/f/ff9bddf60a514b9a9ff3f6337c9f7a56)

BY EMAIL: csejobs@csuchico.edu

Paper applications will not be accepted; however, Chico State Enterprises is an Equal Opportunity Employer and is happy to provide reasonable accommodations to applicants at any step of the application process. If you need assistance in this regard, or are having technical difficulties, please contact the Human Resources office at 530-898-6811 or csejobs@csuchico.edu prior to 5:00 pm on the document deadline date. The employer is Chico State Enterprises, a non-profit corporation serving as an auxiliary organization of California State University, Chico. Employment is considered to be at-will.

AN AFFIRMATIVE ACTION/EQUAL OPPORTUNITY EMPLOYER:
Chico State Enterprises is an Equal Opportunity Employer and does not discriminate against persons on the basis of race, religion, color ancestry, age, disability, genetic information, gender, gender identity, gender expression, marital status, medical condition, National origin, sex, sexual orientation, covered veteran status, or any other protected status. It is the Enterprises’ policy to hire only United States citizens and aliens lawfully authorized to work in the United States. All new employees must provide proof of identity and authorization to work.