

Department of Chemical Engineering

SWENSON COLLEGE  
OF SCIENCE & ENGINEERING

UNIVERSITY OF MINNESOTA DULUTH  
Driven to Discover

The Department of Chemical Engineering at the University of Minnesota, Duluth (UMD) has a full-time, tenured or tenure track faculty position available open to all ranks beginning August 24, 2015 as part of a sustainable mining initiative in the Swenson College of Science and Engineering (<http://www.d.umn.edu/scse/initiatives/>).

We seek an outstanding researcher and teacher who will advance sustainable and responsible mining through the use of science and technology and the efficient use of natural resources in an environmentally responsible manner. This position is part of an interdisciplinary effort to create a mining cluster across the Swenson College and UMD's Natural Resources Research Institute (NRRI). The Institute collaborates with various partners including industry, government, universities, agencies, NGO's, native and local communities - to foster a sustainable, more diversified economy and a healthy environment. An important aspect of this position will be the interaction with the mining industries in Northeastern Minnesota to help address processing, environmental, and production issues through research in extractive and environmental metallurgy.

Job duties and responsibilities include teaching and research in the field of extractive or environmental metallurgy, mineral processing, and chemical engineering, as well as service to the department, college, campus, and professional community. Essential qualifications for the rank of assistant professor include a PhD in metallurgical engineering, chemical engineering, or allied fields; teaching experience (TA or industry/corporate experience is acceptable); expertise in extractive metallurgy and mineral processing; effective written English language communication skills; and evidence of research productivity and the potential for obtaining external research funding. Successful applicants at the rank of associate professor will also require three or more years of experience at the rank of assistant professor or five years of postdoctoral experience in industry, and evidence of the ability to obtain external research funding. The rank of professor requires at least one year at the rank of associate professor.

Applications must be submitted online via the University Employment System by February 1, 2015, and include 1) a letter of intent; 2) a curriculum vitae, 3) a transcript or list of relevant courses (as Additional Doc 1); 4) a 2-page statement of research plan and teaching experience / philosophy (as Additional Doc 2). Candidates should arrange for 3 letters of recommendation to be sent by email to [umdche@d.umn.edu](mailto:umdche@d.umn.edu) with subject line: Metallurgy (candidate last name\_first initial, eg. "Metallurgy Smith\_J").

To apply, visit [employment.umn.edu/applicants/Central?quickFind=126148](http://employment.umn.edu/applicants/Central?quickFind=126148) (tenure-track) or [employment.umn.edu/applicants/Central?quickFind=126447](http://employment.umn.edu/applicants/Central?quickFind=126447)(tenured), or visit <http://employment.umn.edu/> and search for Job Requisition 126148(tenure-track) or Job Requisition 126447 (tenured). Review of complete applications will begin on February 1, 2015.

The University of Minnesota Duluth is an equal opportunity employer.