MECH ENG ASSISTANT PROFESSOR - THERMAL STUDIES

Posting ID: EM18A13042
Company: University of Minnesota
Position Type: Full-Time
College Major(s): Mechanical Engineering (ME)

Company Website: https://twin-cities.umn.edu/
Work Location: Minneapolis, MN
Salary: 
College Level(s): PhD. Student

OVERVIEW

The Department of Mechanical Engineering at the University of Minnesota-Twin Cities invites applications to fill a full-time, tenure-track position in the area of Thermal Sciences beginning Fall 2019.

Roles and Responsibilities
We encourage applications from individuals who have strong foundations in the thermal sciences. Areas of interest include, but are not limited to, thermodynamics; thermal transport in materials; turbulent, multiphase, and microscale fluid flows, and convective heat and mass transport; radiative transport; chemically reactive flows; plasmas and aerosols. Application interests could include power and propulsion systems, biological systems and processes, combustion, manufacturing, and environmental control. The Department encourages applications from individuals with interests in building strong experimental and/or computational research programs and excellent teaching and learning experiences. The appointment is expected to be at the Assistant Professor level, but applicants may be considered for a tenured appointment if they have a particularly strong record of research and teaching accomplishments, scientific leadership, and creativity.

Education and Qualifications
Applicants are expected to hold or complete by Fall 2019 a Ph.D. in Mechanical Engineering (or a closely related discipline) and have demonstrated the potential to conduct a vigorous and significant research program as evidenced by their publication record and supporting letters from recognized leaders in the field. The candidate’s expertise and documented research activities must demonstrate a strong potential to enhance both the Department’s research and teaching missions. Successful candidates are expected to build strong, externally-funded, highly-visible research programs and to become recognized leaders in their field. Information on the current research activities of the department can be found at http://www.me.umn.edu/research/index.shtml. The ability to teach effectively at both the graduate and undergraduate levels to a diverse group of students is required.
How to Apply
https://hr.myu.umn.edu/psc/hrprd/EMPLOYEE/HRMS/c/HRS_HRAM_FL.HRS_CG_SEARCH_FL?Page=HRS_APP_JBPST&Action=U&SiteId=1&FOCUS=Applicant&JobOpeningId=327051&PostingSeq=1

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