

**University of Minnesota Duluth  
Swenson College of Science and Engineering**

**POSITION ANNOUNCEMENT**

**Professor and EE Department Head**

The Swenson College of Science and Engineering (SCSE) and its Department of Electrical Engineering (EE) at the University of Minnesota Duluth (UMD) invite applications and nominations for the position of Department Head. The successful candidate will be appointed at the level of tenured Full Professor, with an educational and research focus in the area of Energy and Power. We seek a respected scholar and dynamic leader to join the EE Department and SCSE at an exciting time of strategic growth and to assist in guiding and building a program in Energy and Power at UMD. The EE Department is the cornerstone department for a college-wide initiative on energy as one of its major research and education themes emerging from its strategic planning process. This position and the overall initiative are also supported by funding from the Minnesota MnDRIVE initiative which is aimed at aligning and investing in university initiatives that benefit the state and the region in the four strategic target areas identified as areas of opportunity.

UMD is a regional comprehensive land- and sea-grant state university, one of five coordinate campuses within the University of Minnesota system and with a total enrollment of approximately 11,000 students. SCSE is the largest college at UMD, comprising over 3100 undergraduates, 220 graduate students, 180 faculty, and 80 permanent staff. The college includes the basic science departments of Biology, Chemistry & Biochemistry, Earth & Environmental Sciences, Physics & Astronomy, and Mathematics & Statistics. It also contains the ABET-accredited departments of Computer Science, and Electrical, Chemical, Civil, and Mechanical & Industrial Engineering. The EE Department consists of 12 faculty and 3 staff, with approximately 200 students as majors. The department is home to B.S. and M.S. degrees in Electrical Engineering, as well as minors in Energy and Computer Engineering. The Department is poised for expansion into the area of energy and power to fulfill regional industrial needs. There is also a significant opportunity for fostering existing and creating new ties with local, regional, and national energy industry stakeholders.

**DUTIES:** We are seeking an innovative leader with a bold vision and diversified background who shares our mission and values. The successful candidate will oversee and lead the undergraduate program with capacity for growth and oversee the graduate program with the assistance of a Director of Graduate Studies. As Head of the department, responsibilities will include: managing the academic programs including curriculum development; lead student recruitment efforts; hiring and supervising faculty and staff; representing the department within the college, on campus, and with public and private sector stakeholders; administering the department including personnel and budget responsibilities; teaching and advising students; and developing and participating in funded research programs. The successful candidate will also be expected to be a leader in the strategic energy initiative of the college, which includes collaborations with the other

colleges of the university, and serving as a leader in coordinating collaborations with other stakeholders in the region associated with SCSE's energy and power initiative. The Department Head is also principally responsible for overseeing the ABET accreditation process for EE in collaboration with the other ABET-accredited departments of the college and the Dean's office.

**REQUIRED QUALIFICATIONS:** An earned Ph.D. or equivalent terminal degree in Electrical Engineering, Computer Science or a closely related engineering field; Baccalaureate degree in an engineering discipline or closely related field; and demonstrated training and experience in the area of energy and power. Demonstrated evidence of effective communication and leadership; and demonstrated achievement in teaching, research and service commensurate with an appointment as a Full Professor with tenure at UMD. A minimum rank of Associate Professor and 8 years of teaching and research experience in an academic setting; a minimum of 3 years leadership experience.

**PREFERRED QUALIFICATIONS:** A proven record of scholarship excellence; five or more years of leadership, management, and/or administrative experience; effective communication skills appropriate for a Department Head; ability to effectively represent the EE Department on campus, with the public and private sectors, and with professional societies; familiarity with ABET accreditation; and experience with outreach to both the public and private sector, demonstrated involvement in and familiarity with industry and/or major users of power and energy systems, evidence of developing strong research and outreach programs, and demonstrated history of obtaining external funding. The candidate should have excellent relationship building skills to work with students, staff, and faculty from diverse communities and cultures.

**SALARY AND OTHER RESOURCES:** Competitive.

**STARTING DATE:** Spring or Fall 2017.

**TO APPLY:** Please apply online at <https://www1.umn.edu/ohr/employment/> and search for job req 310329. Complete applications will include the online application plus attachments as follows: Cover Letter, C.V., contact information for three references, Statement of Teaching Philosophy, Research Statement, Statement of Leadership Philosophy, and Statement of Commitment to Diversity. Review of applications will begin on August 22, 2016 and will continue until position is filled. Questions should be addressed to Shey Peterson at [speters1@d.umn.edu](mailto:speters1@d.umn.edu).