FACULTY POSITION IN MULTISCALE MODELING OF MULTIPHASE FLOWS

The Department of Mechanical Engineering seeks to fill a tenure-track position at the Assistant Professor level in the area of computational multiscale modeling of multiphase flows and transport starting Fall 2018. Candidates with expertise in applications to porous media flows, energy recovery, and biological applications are especially invited to apply. Mechanical Engineering is one of the four departments in the College of Engineering at San Diego State University. It offers an EAC ABET-accredited B.S. degree program, as well as M.S. and joint Ph.D. programs. The department has internationally recognized programs in energy and thermofluids, bioengineering, material science and processing, mechanics, MEMS, NEMS, sensors, robotics, dynamic systems and control. It is anticipated that the person will develop synergies with areas of existing research strength and exploit emerging areas of research by developing a vigorous externally funded research program in the general area of multiscale modeling of multiphase flows and transport. A demonstrated ability to collaborate across disciplinary boundaries is essential. The department shares with the College of Engineering and the University a strong commitment to excellence in undergraduate and graduate education. The successful hire is expected to supervise teams of undergraduate as well as graduate students. Applicants must have a demonstrated ability to teach undergraduate and graduate level classes in fluid and thermal sciences, and other related areas of mechanical engineering.


Applicants must have an earned Ph.D. degree in mechanical engineering or a closely related discipline. Applications must be received by November 1, 2017 to receive full consideration; the position will remain open until filled. Candidates must apply via Interfolio at http://apply.interfolio.com/42863. Questions may be directed to the Search Committee Chair at MMMFsearch@engineering.sdsu.edu.

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