

Stanford University
Department of Mechanical Engineering

Faculty Opening

The Department of Mechanical Engineering at Stanford University (<http://me.stanford.edu/>) invites applications for a tenure-track faculty appointment at the junior level (Assistant or untenured Associate Professor) in Theoretical and Computational Fluid Dynamics. The winning candidate will work in an area of multiphysics transport and be able to use the most advanced computational methods and facilities. Example research topics include, but are not limited to, turbulent combustion and reacting flows, nonequilibrium and high-temperature transport, propulsion, multiphase phenomena, coupled fluid flow and heat transfer including radiation, boiling, and particle effects, energy conversion ranging from combustion to solar and nuclear systems, and multiphysics fluid transport in natural systems including the atmosphere.

An earned Ph.D., evidence of the ability to pursue a program of research, and a strong commitment to graduate and undergraduate teaching are required. Successful candidates will be expected to teach courses at the graduate and undergraduate levels and to build and lead a team of graduate students in Ph.D. research.

Applications should include a curriculum vitae with a list of publications, a one-page statement each of research vision and teaching interests, and the names and addresses of five references. Please submit your application online at:

http://me.stanford.edu/research/open_positions.html

The review of applications will begin on October 1, 2011. However, applications will be accepted until the position is filled.

Stanford University is an equal opportunity employer and is committed to increasing the diversity of its faculty. It welcomes nominations of and applications from women and members of minority groups, as well as others who would bring additional dimensions to the university's research and teaching missions.