

University of California, Irvine
Department of Mechanical and Aerospace Engineering

Postdoctoral Scholar /Assistant Specialist

The **University of California, Irvine** invites applicants for a Postdoctoral Scholar/Assistant Specialist position in the area of energy. The project is related to PEM fuel cell and electrodes (Modeling and experiment). No deep knowledge in PEM fuel cell and electrode Nano materials is required. However, a strong technical background in fuel cell/electrode/MEA modeling, fabrication, and electrochemistry is necessary. See <http://gram.eng.uci.edu/~yunw> for more information about research activities in the UCI Renewable Energy Resources Laboratory. The responsibilities include: conduct project research, help PI supervise students, write papers, and help PI prepare proposals.

Qualifications: Candidates are required to have:

- Ph.D. in Engineering, usually Material, Chemical or Mechanical Engineering with a specialty in Fuel Cell or Electrodes
- Strong background in electrochemistry and fuel cell experiment or simulation (MD, Lattice Boltzmann or KMC...)
- Excellent communication skills, ability to learn quickly and enthusiastically
- Preference given to candidates with some experience in PEM fuel cell/electrode fabrication/modeling.

Salary and Benefits: Salary is commensurate with experience, and includes all standard benefits for the University of California employees (health and dental insurance for the candidate and family). The salary range is \$35,500 to \$44,400 per annum. The appointment may start as soon as October 1, 2009 for 3-4 years term. The appointment is renewed by year and may be terminated depending on the extramural funding condition.

Application Procedures: Applicants should send resume, names and contact information of three references, and inquiries to:

Prof. Yun Wang
Department of Mechanical and Aerospace Engineering
University of California, Irvine
Irvine, CA 92697-3975
yunw@uci.edu.

Application Deadline: September 30, 2009 or until the position is filled.

The University of California, Irvine is an equal opportunity employer committed to excellence through diversity.