Professor Jaeho Lee in the Department of Mechanical and Aerospace Engineering at the University of California, Irvine seeks a post-doctoral scholar with strong experience in colloidal nanocrystal synthesis, polymer synthesis, nanofabrication, and electrical characterization to work on a thermoelectric transport study of organic-inorganic hybrid structures.

The successful candidate is expected to have a Ph. D. degree from a leading research university in materials science, mechanical engineering, or related fields; demonstrated potential for scientific achievements. The candidate should also have excellent communication and time management skills, an ability to learn quickly, and enthusiasm for new challenges. Specific responsibilities will include novel materials development, device fabrication in cleanroom, thermoelectric power characterization, thermal conductivity measurements over a wide range of temperature, and materials characterization using electron microscopy and x-ray spectroscopy. The postdoctoral scholar is also expected to publish results in high-impact journals, contribute to writing reports for funding agencies, and mentor graduate students. Previous experience in the supervision of junior researchers is a plus.

The position will remain open until filled. An immediate start date is available within a few weeks of the hiring decision. The candidate should be available for a start date during the March 1, 2016 – February 28, 2017 period and willing to commit to at least a one-year stay. Renewal of the appointment can be offered contingent upon the availability of adequate funding. The salary and benefits will be competitive for a post-doctoral position in the university. The applicants are encouraged to visit http://mae.eng.uci.edu/. Apply by submitting your application to our online RECRUIT system at: https://recruit.ap.uci.edu/apply/JPF03205

Applicants should submit a resume, a cover letter indicating your area(s) of expertise and the names and addresses of three references.

Jaeho Lee
Department of Mechanical and Aerospace Engineering
University of California, Irvine

The University of California, Irvine is an Equal Opportunity/Affirmative Action Employer advancing inclusive excellence. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, age, protected veteran status, or other protected categories covered by the UC nondiscrimination policy.