



UNIVERSITY OF CALIFORNIA
SANTA CRUZ

UNIVERSITY OF CALIFORNIA, SANTA CRUZ
DEPARTMENT OF CHEMISTRY AND BIOCHEMISTRY
Postdoctoral Scholar, Ping Research Group

The [Department of Chemistry and Biochemistry](#) at the University of California, Santa Cruz (UCSC) invites applications for the position of Postdoctoral Scholar in Theoretical/Computational Materials Chemistry, under the direction of Yuan Ping. The selected candidate will conduct research with our group that focuses on developing and using computational chemistry/physics methods (e.g. DFT, many body perturbation theory and ab initio molecular dynamics), to solve problems related to energy applications; for example to understand and predict promising materials with improved optical, carrier transport as well as catalytic properties in photovoltaic, artificial photosynthesis and other applications.

RANK: Postdoctoral Scholar

SALARY: Starting at \$43,692, commensurate with qualifications and experience.

BASIC QUALIFICATIONS: A Ph.D. or equivalent foreign degree in physical chemistry, physics, materials science or related field.

PREFERRED QUALIFICATIONS: Extensive experience on electronic structure theory, computational simulations of solid state as well as molecular systems, solid background in physical chemistry and solid state physics, good programming skills. Good method development experience with electronic structure codes including DFT and beyond.

POSITION AVAILABLE: Fall 2016

TERM OF APPOINTMENT: One year, with the possibility of extension contingent on positive performance review up to three years. For appointments within the University of California, a total duration of an individual's postdoctoral service may not exceed five years, including postdoctoral service at other institutions.

TO APPLY: Applications are accepted via the UCSC Academic Recruit online system, and must include 1) Curriculum Vitae, 2) a one page statement of research interests, and 3) contact information for three references. Documents/materials must be submitted as PDF files.

Contact information: Yuan Ping, yuping@ucsc.edu.

Apply at <https://recruit.ucsc.edu/apply/JPF00357>

Refer to Position #**JPF00357-16T** in all correspondence.

*All letters will be treated as confidential per University of California policy and California state law. For any reference letter provided via a third party (i.e., dossier service, career center), direct the author to UCSC's confidentiality statement at <http://apo.ucsc.edu/confstm.htm>.

REVISED CLOSING DATE: Review of applications will begin on **October 3, 2016**. To ensure full consideration, applications should be complete by this date. The position will remain open until filled, but not later than 12/1/2016.

The University of California is an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, age, or protected veteran status. UC Santa Cruz is committed to excellence through diversity and strives to establish a climate that welcomes, celebrates, and promotes respect for the contributions of all students and employees. Inquiries regarding the University's equal employment opportunity policies may be directed to: Office for Diversity, Equity, and Inclusion at the University of California, Santa Cruz, CA 95064; (831) 459-2686.

Under Federal law, the University of California may employ only individuals who are legally able to work in the United States as established by providing documents as specified in the Immigration Reform and Control Act of 1986. Certain UCSC positions funded by federal contracts or sub-contracts require the selected candidate to pass an E-Verify check. More information is available [here](#) or from the Academic Personnel Office (APO) at (831) 459-4300.

UCSC is a [smoke & tobacco-free campus](#).

If you need accommodation due to a disability, please contact the Academic Personnel Office at apo@ucsc.edu (831) 459-4300.