



UNIVERSITY OF CALIFORNIA
SANTA CRUZ

UNIVERSITY OF CALIFORNIA, SANTA CRUZ
DEPARTMENT OF APLIED MATHEMATICS AND STATISTICS
Postdoctoral Research Opportunity

The University of California, Santa Cruz invites applications for a postdoctoral position under the supervision of Professor Abel Rodriguez in the Department of Applied Mathematics and Statistics. The successful candidate will work on the development of novel nonparametric Bayesian models and in expanding the capabilities of the NIMBLE computing environment (see r-nimble.org) to handle these methods. Depending on qualifications and interests, the researcher will also have the opportunity to help implement other planned features of NIMBLE. This is part of a close collaboration with Dr. Perry de Valpine and Dr. Christopher Paciorek at the University of California, Berkeley, and with the UCSC Center for Research in Open-Source Software (CROSS, see <http://www.cross.soe.ucsc.edu>). The position offers opportunities to collaborate in research with other faculty members at UCSC.

RANK: Postdoctoral Scholar - Employee

SALARY: Commensurate with qualifications and experience

BASIC QUALIFICATIONS: Ph.D. or equivalent foreign degree in statistics, computer sciences, or any related field; experience in Bayesian computation for complex hierarchical models; experience with nonparametric Bayesian models (Dirichlet and/or Gaussian processes models); experience in R programming.

PREFERRED QUALIFICATIONS: Experience with parallel and distributed systems; experience in C/C++ programming; experience building R packages; experience with open-source software development. Good communication, interpersonal, and organizational skills.

POSITION AVAILABLE: As soon as possible, but the start date is negotiable.

TERM OF APPOINTMENT: The initial appointment is for one year at 100% time. Should the hiring unit propose reappointment, a review to assess performance will be conducted. Reappointment is also contingent upon availability of funding. 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: Applicants should send a CV and a brief summary of research interests electronically to abel@ams.ucsc.edu, or by mail to:

Dr. Abel Rodriguez
AMS Department
Mailstop SOE 2
University of California
1156 High Street
Santa Cruz, CA 95064

CLOSING DATE: This position will be open until filled.

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.