UNIVERSITY OF CALIFORNIA, SANTA CRUZ

DEPARTMENT OF APPLIED 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

MINIMUM 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.

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.

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

APPLY TO: Applicants should send a CV, a brief summary of research interests, and contact information for three references 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

*All letters will be treated as confidential. Please direct your letter writers to UCSC’s Confidentiality Statement at http://ahr.ucsc.edu/academic_policies_and_procedures/cappm/confstm.htm

CLOSING DATE: This position will be open until filled.

The University of California, Santa Cruz is an Affirmative Action/Equal Employment Opportunity Employer, committed to excellence through diversity. We strive to establish a climate that welcomes, celebrates, and promotes respect for the contributions of all students and employees.