



# Postdoctoral Fellowships for 2008-2009

The Statistical and Applied Mathematical Sciences Institute is soliciting applications from statistical and mathematical scientists for up to **seven** postdoctoral positions, to begin in September, 2008, or January, 2009. Appointments, at extremely competitive salaries, will typically be for two years and be made jointly between SAMSI and one of its Partners. Applicants should have received (or expect to complete) a doctorate in 2003 or later. Members of under-represented groups are particularly encouraged to apply.

SAMSI, located in Research Triangle Park in North Carolina, is a partnership between the National Science Foundation and Duke University, North Carolina State University, the University of North Carolina at Chapel Hill, and the National Institute of Statistical Sciences. SAMSI is forging a synthesis of the statistical sciences and the applied mathematical sciences with disciplinary science to confront the hardest and most important data- and model-driven scientific challenges. See [www.samsi.info](http://www.samsi.info).

SAMSI programs soliciting postdoctoral candidates for the year 2008-09:

- **Algebraic Methods in Systems Biology and Statistics** will focus upon the emerging new fields of “algebraic biology” and “algebraic statistics.” This year-long program will provide a focus for the further development and maturation of these areas of research as well as their interconnections.
- **Sequential Monte Carlo Methods** will address fundamental challenges in developing effective sequential and adaptive simulation methods, blending computational innovation with application in areas such as control, communications, robotics engineering, finance, and macro-economics.

Postdoctoral Fellows will participate in one or more of these research programs, in collaboration with statisticians, applied mathematicians and disciplinary scientists from universities, industry, national laboratories and government agencies.

Criteria for selection include demonstrated research ability in statistical and/or applied mathematical sciences, interest and (to a lesser degree) experience in the SAMSI program areas and vision, and strength in computation and in verbal and written communication. The deadline for full consideration of applications is January 31, 2008, although later applications will be considered as resources permit. Postdoctoral appointments may be made at any time.

SAMSI accepts only electronic applications. Additional information and the electronic application can be accessed at [www.samsi.info/opportunities/postdoc.shtml](http://www.samsi.info/opportunities/postdoc.shtml).

SAMSI is an Affirmative Action/Equal Opportunity employer.