Postdoctoral positions are available in the Laboratory of Statistical Artificial Intelligence and Integrative Genomics (SAILING) within the School of Computer Science, Carnegie Mellon University, headed by Professor Eric Xing.

We are seeking outstanding postdoctoral candidates from machine learning, computational statistics, mathematical and population genetics, and evolutionary biology, to work on several newly funded projects in these areas, including (but not restricted to): 1) new paradigms and algorithms for semisupervised and unsupervised learning of structured predictors or metrics; 2) statistical inference in social and biological networks; 3) population structure and dynamics, and association analysis of genetic polymorphisms and complex traits; 4) models and algorithms for regulatory evolution and comparative genomics; and the intersections and extensions of these problems.

The CMU SAILING Lab offers a highly energetic and inspiring interdisciplinary environment for working on a wide range of challenging theoretical and application problems in statistical learning and computational biology. We also work closely with clinical and biological laboratories in the School of Medicine, University of Pittsburgh, the University of Chicago, and other schools to address various problems of practical medical and biological interests. The successful candidate will have an opportunity to interact with world class researchers in all the areas mentioned above and beyond, and she/he will find Pittsburgh a pleasant place with rich cultural and recreational resources yet easy and quiet living environment. We also offer a competitive salary and benefits.

Ideal candidates are expected to have a recent Ph.D. degree in computer science, statistical genetics, evolutionary biology, computational biology, statistics, physics, or mathematics, with substantial training and experience in algorithms, statistics, and optimization, and a track record of publications in top ML, Bio, or Stats conferences and journals. Strong ability in computer programming is required. Knowledge in computer languages and statistical software such as C/C++, matlab, R, and Perl is preferred.

Contact Information
4127 Wean Hall
School of Computer Science
Carnegie Mellon University
Pittsburgh, PA 15213
epxing@cs.cmu.edu
http://www.cs.cmu.edu/~epxing/

How To Apply: Send curriculum vitae, contact information of three references, and a research statement to:
epxing@cs.cmu.edu
Postal mail should also be sent to:
Prof. Eric Xing @ CMU