

## **Scientist position in Regulatory Network Evolution**

A postdoctoral position in regulatory network evolution is available in the lab of Dr. Sushmita Roy at the Wisconsin Institute for Discovery University of Wisconsin, Madison. Our lab develops and applies computational methods, based on statistical machine learning, to identify regulatory networks, how they change across developmental and/or evolutionary time scales, and construct predictive models of global phenotypes. Our methods integrate regulatory genomics datasets from diverse species to infer and analyze these networks. The WID is a highly interdisciplinary research institute with state-of-the-art research and computing facilities that brings together researchers from the mathematical, computational and biological sciences.

Requirements: PhD in computer science, statistics, bioinformatics, or computational biology, with a strong interest in graph theory and biological network analysis. Ability to develop, implement and apply statistical machine learning algorithms for analysis of genomic datasets.

How to apply: Please send (1) CV with publications, (2) statement of current and future research interests, (3) career goals, (4) contact information of two references to [sroy@biostat.wisc.edu](mailto:sroy@biostat.wisc.edu).

Relevant websites:

WID: <http://wid.wisc.edu>

Roy lab: <http://pages.discovery.wisc.edu/~sroy>

"[sroy@biostat.wisc.edu](mailto:sroy@biostat.wisc.edu)" <[sroy@biostat.wisc.edu](mailto:sroy@biostat.wisc.edu)>