OPPORTUNITY:
Postdoctoral positions in computational network biology and regulatory genomics @ Wisconsin Institute for Discovery -- Madison, WI (US)

BACKGROUND:
A postdoctoral position is immediately available in Dr. Sushmita Roy's research group in computational network biology and regulatory genomics at the Wisconsin Institute for Discovery (WID), University of Wisconsin--Madison. The Roy group is a computational biology group interested in developing statistical machine learning approaches to study the structure, function and evolution of regulatory networks in mammalian and yeast systems. We are interested in developing network reconstruction, analysis and comparison methods to integrate high-throughput transcriptomic and epigenomic datasets and build predictive models of system state in yeast and mammalian species.

The WID, established in 2010, has state of the art research and computing infrastructure co-located with the Morgridge Institute for Discovery (MIR) at a 300,000 sq. feet building. The WID was voted the 2012 Laboratory of the Year and offers a unique interdisciplinary and highly collaborative environment bringing together scientists spanning broad computational and biological disciplines: Epigenetics, Systems Biology, Optimization, Living Environment Laboratory and BIONATES.

REQUIREMENTS:
A PhD in a quantitative field (e.g. computer science, statistics, physics, engineering) with research experience in computational biology, or bioinformatics. The candidate should have an established record of publishing papers in interdisciplinary conferences and/or journals in computational biology.

LOCALE:
Madison, WI, USA

HOW TO APPLY:
To apply, please send (1) CV with publications, (2) statement of research describing current research and future goals, and, (3) contact information of two references. Please send this information to sroy[at]biostat.wisc.edu.