Postdoctoral Research Associate

The Center for Predictive Computational Phenotyping (CPCP) at the University of Wisconsin-Madison (http://www.cpcp.wisc.edu), a newly established National Institutes of Health (NIH) Big Data to Knowledge (BD2K) Center for Excellence, has openings for several Postdoctoral Research Associates in areas of biomedical data science.

The CPCP was created to significantly advance the state of the art in computational methods for transforming large, heterogeneous, high-dimensional data sources into predictive models for biomedicine. The CPCP has brought together leading data science and biomedical researchers to develop innovative new approaches and tools that are able to discover, and make crucial inferences with models of phenotypes elicited from molecular profiles, medical images, electronic health records, population-level data and other data types.

Directed by Mark Craven, the Center has several projects and labs seeking post-doctoral researchers, including: EHR-based phenotyping (David Page and Peggy Peissig), epigenomics (Sushmita Roy and Sunduz Keles), transcriptomics (Colin Dewey and Christina Kendzierski), value of information (Rebecca Willett and Robert Nowak), stochastic modeling (Michael Newton), and low-dimensional representations (Ming Yuan).

Candidates should have a PhD in the data sciences (e.g., Computer Science, Statistics, Engineering), the biomedical sciences (e.g., Genetics, Biochemistry), and/or a MD (or other appropriate clinical degree). A significant background in computational and/or statistical methods is required.

Interested applicants should:

- Send a letter indicating their interest and experience, a CV, and copies of two representative publications via e-mail to sweeney@biostat.wisc.edu
- Arrange for two letters of reference to be sent to sweeney@biostat.wisc.edu.
- We encourage applicants to also send links to software that they have developed.
- The review of applications will begin immediately and continue until the positions are filled.
- The UW Madison is an affirmative action and equal opportunity employer, committed to increasing the diversity of its workforce. It welcomes applications from women, members of minority groups, veterans, persons with disabilities, and others who would bring additional dimensions to the university's research and teaching mission.

Contact Name and Address:

Whitney A. Sweeney
Box 4675 Clinical Science Center
600 Highland Ave
Madison, WI 53792
sweeney@biostat.wisc.edu