Ph.D. Graduate Assistantship
Development of Methods and Tools for Statistical Genomics
Washington State University, Pullman, WA

Description of Research Opportunity:
This project will enhance our ability to interpret genomic data and apply the knowledge for sustainable development of food production and health management. The primary areas of research include: 1) exploit advances in high-throughput genotyping and phenotyping, 2) predict phenotype from genotype, and 3) investigate genotype-by-environment interactions. This assistantship also offers a great opportunity for flexibility in experiencing and exploring the full spectrum of plant breeding: from business breeders to field breeders, from molecular breeders to cyber breeders. Please visit the Statistical Genomics Laboratory's website (http://ZZLab.net) for more information.

Desired Qualifications:
Background related to biology or life science with interest in computation, or background related to computer science or statistics with interest in biology.

Contact:
Please contact Dr. Zhiwu Zhang for more details about this opportunity. He can be reached at Zhiwu.Zhang@wsu.edu.

Apply:
Interested persons may apply through either the Department of Crop and Soil Sciences (CSS) or the Molecular Plant Sciences (MPS) programs. Please visit CSS at http://css.wsu.edu or MPS at http://mps.wsu.edu. These websites provide details about the application requirements and links to the online application. The priority application deadline for Fall 2016 term is January 10, 2016.

Assistantship Details: Graduate assistantships are formal half-time, academic-year appointments accompanied by a summer stipend, with an annual estimated total of $19,700. Graduate assistants are also provided tuition waivers, as well comprehensive health (medical/dental) insurance. Qualifying recruits may be nominated by the program director for prestigious ARCS fellowship which provides $17,500 award in addition to the research assistantship.