

M.S. and Ph.D. Graduate Assistantships available to research genetics of disease resistance focused on wheat improvement



Description of research opportunity:

The Spring Wheat Breeding and Genetics project at Washington State University is recruiting motivated graduate students to help design, complete, and communicate original research on genetics of resistance to soilborne pathogens, rust diseases, and/or Hessian fly of wheat. The research assistants will conduct experiments to identify and genetically characterize novel sources of resistance to these yield-limiting pests; a combination of advanced molecular biology/genetics laboratory techniques, field-based evaluations, and plant pathology techniques are employed to meet research goals.

Contact: Dr. Michael Pumphrey, Assistant Professor-Spring Wheat Breeder, c/o Debra Marsh (marshdj@wsu.edu, TEL: 509-335-2615) for application details. For more information on our department, please review our website at <http://css.wsu.edu>. Our graduate studies page has information on application requirements and a link to the electronic application.

Assistantship Details: The Department of Crop and Soil Sciences, Washington State University, offers graduate research assistantships to qualified graduate students from recognized colleges and universities. Research assistants conduct experiments under the direction of their advisor. Graduate student appointments are half-time and students on formal appointment receive stipends on an annual basis. Students are expected to work part-time on research during the academic year and full-time during the summer. Appointments are continued for a minimum of two years for M.S. students and three years for Ph.D. students, dependant upon satisfactory performance and the maintenance of a 3.0 GPA on a 4.0 scale.

Salary Range: \$17,154.00 M.S. (\$1429.50/mo); \$18,204.00 Ph.D (\$1517/mo). The assistantship appointment also includes tuition waivers per our policy outlined at <http://gradsch.wsu.edu>. Resident tuition waivers have an estimated value of \$3,731 per semester; non-resident waivers have an estimated value of \$6,094 per semester. All students on an assistantship are required to pay a residual fee each semester of approximately \$1,000.00. The residual fee pays for Health and Wellness Services, Pullman Transit, the Student Recreation Center, and a small portion of tuition not covered by the assistantship. Also included is a comprehensive health (medical/dental) insurance program with the annual premium paid by the department estimated at \$1,500.

Washington State University is an Equal Opportunity/Affirmative Action educator and employer. Women, ethnic minorities, Vietnam-era or disabled veterans, person of disability and/or persons age 40 and over are encouraged to apply. WSU employs only US citizens and lawfully authorized non-U.S. citizens. All new employees must show employment eligibility verification as required by the U.S. Citizenship and Immigration Services. Reasonable accommodations provided upon request with adequate prior notification.

