We are actively seeking to fill multiple, funded graduate assistant positions. A few examples of these opportunities are highlighted below. We hope you will consider the top-ranked graduate programs in Crop Science, Soil Science, or Plant Pathology at Washington State University for your graduate education. The priority application deadline is January 10, 2016 for the Fall 2016 term.

- Conduct fundamental and applied research on grapevine viruses involving molecular biology and epidemiology of grapevine leafroll-associated viruses and genomics of host-virus interactions. Rayapati, Plant Pathology

- Examine how different wheat varieties differentially affect the makeup of soil inhabiting microbes (beneficial and detrimental) that are associated with their roots. Hulbert, Plant Pathology or Crop and Soil Sciences

- Apply recent advances in phenomics and genomics to applied wheat breeding programs to enhance selection of new varieties. Carter and Campbell, Crop and Soil Sciences

- Study all aspects of wheat grain utilization and end-use quality, including the genetics of milling, baking and consumer product quality; develop innovative wheat types and ‘Farm-to-Fork’ research models. Morris, Crop and Soil Sciences

- Investigate relationships between the biology of weeds and their control methods in direct-seed farming systems. Lyon, Crop and Soil Sciences

- Gain experiences on the full spectrum of plant breeding, from business breeders to field breeders, from molecular breeders to cyber breeders. Zhang, Crop and Soil Sciences

- Study the population structure and epidemiology of the blue mold fungus on tree fruit. Amiri, Plant Pathology

- Investigate root-knot nematode genes that are essential for the successful parasitism of host plants and explore how the plants respond to nematode infections at the molecular level. Gleason, Plant Pathology

- Apply genomic selection strategies to improve resistance to preharvest sprouting and improve emergence in wheat. Steber and Carter, Crop and Soil Sciences

- Investigate the molecular genetics of post-acclimation tolerance to freezing and early spring growth in wheat. Steber and Campbell, Crop and Soil Sciences

- Investigate wheat landraces to identify new genes for disease resistance and improved agronomics. See, Crop and Soil Sciences

- Explore plant defense responses and harness host innate immunity to boost disease resistance. Tanaka, Plant Pathology