

PhD Assistantship in Plant-Insect-Plant Virus Interactions. Seeking a highly motivated and qualified student to pursue the study of the effects of virus-infected plants on the behavior of aphids that vector these viruses. The work will involve research and training in elucidating the chemical cues that affect the aphids, how these vary over time and within the plant, and the effects of these patterns on the potential for aphid behavior and virus spread. The project has implications for management of disease causing viruses, but is also important for understanding the evolution of virus-vector interactions. The student will work within a team of collaborating virologists, entomologists and mathematical biologists working on aspects of these complex tritrophic systems. Support will be provided through a grant from the Agricultural and Forest Initiative of the USDA.

Requirements: Science background with emphasis in agriculture, entomology, or virology. Superior scholarship and communication skills and basic knowledge of molecular biology are desired. Applicants must meet requirements of the PSES (<http://agweb.ag.uidaho.edu/pses/>) and the Graduate School (<http://www.uidaho.edu/cogs/>) for acceptance to the degree program in entomology.

For consideration, send a current CV and brief statement of interest to Sanford Eigenbrode (sanforde@uidaho.edu).