

Several Postdoctoral positions are available as early as August 2012 at The Ohio State University's Center for Applied Plant Sciences (CAPS, <https://caps.osu.edu/>). The mission of CAPS is to find practical solutions to challenging problems within four main Strategic Areas: Photosynthesis & Carbon Fixation, Biomass & Bioproducts, Crop Improvement & Functional Food, and Plant-Microbe Interactions. We are seeking highly motivated individuals with a recent Ph.D. (less than 18 months) and productivity represented by significant peer-reviewed publications. Highly qualified candidates for the following projects will be considered:

- *Developing Viruses for Altering Plant Responses to Biotic or Abiotic Stress Conditions.* Candidates should have extensive experience in molecular biology and virology; expertise in bioinformatics is additionally preferred.
- *Microbial Bioproducts Scale-up and Applications.* Candidate should have field and laboratory experience in agricultural research. Demonstrated skills in analytical biochemistry, molecular biology, and/or microbial ecology are required.
- *Plant Domestication and the Evolution of Plant-Associated Organisms.* Candidates should have expertise in genomics and high-throughput genotyping as well as analysis of large DNA datasets derived from sequencing projects. Expertise in population genetics, evolutionary biology and bioinformatics is preferred.
- *Comparisons in genetic resistance responses to biotrophs, necrotrophs and pests in Glycines.* Candidate should have strong record in bioinformatics, ability to handle large datasets, and skills to effectively train and work with students.

Starting salary for these positions will be \$40,000/year plus benefits. Positions are initially available for one year with further extensions contingent on progress and the availability of funds. Interested candidates should submit the following materials at <https://caps.osu.edu/caps-post-doctoral-researcher-search>: A) Letter of interest with a two-page research statement related to one or more of the above-mentioned projects demonstrating the applicant's ability to be creative and/or innovative, and B) Single PDF document containing the applicant's CV, contact information for three professional references, and C) reprint(s) of relevant authored publications. Applications not meeting these criteria will not be further considered.