Shuzo Oita research interest

I am interested in the plant-fungal symbiotic interactions and their ecology. I want to address the questions such as how these interactions affect the evolution of fungal virulence and insect herbivory, and how symbiotic fungal communities are shaped by biotic/abiotic factors. I completed my B.S. in Agriculture at Hokkaido University in Japan in 2015. My research was on the relationships between strigolactones and arbuscular mycorrhizal fungal community of sorghum. After the completion of B.S., I worked to characterize the cellulolytic ability of a symbiotic fungus in wood wasp mycangia as a research assistant with Dr. Taichi Takasuka at Hokkaido University prior to my Ph.D. I began my Ph.D. work with Dr. Arnold at University of Arizona in 2015.