

Marin Talbot Brewer

Marin Talbot Brewer is a Professor of Mycology and Plant Pathology in the Department of Plant Pathology at the University of Georgia where she has been a faculty member since 2011. Her research focuses on the evolution and diversity of fungal threats to plants and people with interests in the genetic basis of disease emergence and host specialization, the evolution of fungicide resistance and fungal mating systems, and the taxonomy and systematics of fungi causing emerging plant diseases. She received her M.S. in Plant, Soil, and Environmental Science from the University of Maine where she studied the effects of biological and cultural controls on soil microbial ecology and *Rhizoctonia* disease of potato, and her Ph.D. in Plant Pathology and Plant-Microbe Biology from Cornell University in 2011, where her dissertation focused on the *phylogeography* and mating system of the grape powdery mildew fungus, *Erysiphe necator*. Recent work in the Brewer lab is concentrated on azole resistance in the human pathogen *Aspergillus fumigatus* in environmental settings. Her research has been funded by diverse agencies including the National Science Foundation, the U.S. Department of Agriculture, and the Centers for Disease Control and Prevention. Marin teaches two courses on fungi at UGA every year, including Mycology, which focuses on the taxonomy and biology of fungi, and the very popular, large enrollment course Fungi, Friends and Foes, an overview of the impact of fungi on human civilization. Marin was awarded the 2021 D.W. Brooks Award for Excellence in Teaching, as well as the 2019 Early Career Teaching Award and 2019 Outstanding Faculty Mentor Award from the College of Agricultural and Environmental Sciences at University of Georgia.