

Molecular Plant Sciences Graduate Program
 Fall 2025 Seminar Series (MPS 515)
 Wednesdays at 12:10pm

Date	Speaker	Department	Title
8/27/2025	Augusta Finzel	Crop and Soil Sciences	"The impacts of liquid lime and spring wheat breeding for acid soil tolerance on rhizosphere bacterial community composition."
9/3/2025	Kaone Mookodi	Crop and Soil Sciences	"Improving Biological Soil Health Under Diversified Agroecosystems of Northeast Washington."
9/10/2025	Andrew Spishakoff	Crop and Soil Sciences	"In for a Pennycress in a for a pound: Beneficial Microbes interact biochemically and genetically with Field Pennycress."
9/17/2025	Chase Baerlocher	Department of Entomology	"Managing Mutualists: Optimizing Rhizobia Pairing in Winter Peas."
9/24/2025	Yingqi Cai	Institute of Biological Chemistry	"Lipid Droplet Biogenesis and Applications in Plants."
10/1/2025	Sean McGuire	Institute of Biological Chemistry	"Characterizing the unknowns of GDGL-lipase/esterases in lipid metabolism across seed development."
10/8/2025	Rachel Snyder	School of Biological Sciences	"Importance of sulfur partitioning for nodule and seed physiology in nitrogen-fixing pea plants."
10/15/2025	Jeremy Boutin	Institute of Biological Chemistry	"Characterizing the Cannabis Sativa Terpenome and its Applications."
10/22/2025	Marita White	Crop and Soil Sciences	"Soil and Root-Associated Microbial Communities of Wheat Varying in Aluminum Tolerance."
10/29/2025	Tyler Chapman	Institute of Biological Chemistry	"Characterization of the Protective Mechanism of Glycine Betaine on Photosystem II Functionality."
11/5/2025	Barney Geddes	Richard and Linda Offerdahl Fellow, Assistant Professor, Department of Microbiological Sciences at North Dakota State University	"Mechanisms of Rhizobial Partner Quality Variation with Implications for Agricultural Symbioses"
11/12/2025	Itsuhiro Ko	Plant Pathology	"Cellular-Scale Plant Defense Against Root-Knot Nematodes."
11/9/2025	Niharika Chandrakanth	Institute of Biological Chemistry	"Impact of Feruloyl Monolignol Transferase (FMT) - Mediated Lignin Modifications on Cell Wall Properties."
12/3/2025	Austin Alt	Institute of Biological Chemistry	"Non-terpenoid Volatiles of Cannabis Sativa."