



# DR. JUSTIN WALLEY

## Unraveling Signaling Networks using Integrated Omic Profiling

Quantitative multi-omic datasets enable systems biology approaches aimed at understanding biological phenomena. I will discuss the generation and integration of a large-scale transcriptome, proteome, and phosphoproteome data in maize and Arabidopsis.

**Fall 2022 PSLA**

**LECTURE**

**SERIES**

**December 8, 2022**

**PLSC Building: RM  
1130**

**Time:**

**3:30PM**

**[UMD Zoom](#)**

**Graduate student  
lunch w/ speakers**

**12PM**

**PLSC RM 2107/2109**

Dr. Walley obtained his bachelor's of science degree from Mount Union College in Biology, his master's of science from Miami University in Botany, and his PhD from UC Davis in Plant Biology. Upon graduating, he entered into a postdoctoral appointment at UC San Diego with Dr. Steve Briggs. Dr. Walley is currently an Associate Professor at Iowa State University in the Department of Plant Pathology, Entomology and Microbiology and serves as the Chair Bioinformatics and Computational Biology Graduate Program



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