

2018 PLANT SCIENCES

UNDERGRADUATE SYMPOSIUM

MAY 11, 2018 | 1:00 – 4:30 PM | 233 Plant Science Bldg.

Sponsored by the School of Integrative Plant Science

STUDENT PRESENTERS | 1:00 – 2:30 PM

Grant Thompson: “Reflections on mentoring: a learning laboratory for grads and undergrads”

Zeran Lin: “Plant and pathogen wars outside the cell: the exDNA/exDNase system”

James Winans: “Phenotypic variance and disease severity caused by *Fusarium graminearum* sampled from wheat and wild grasses”

Cairo M. Archer: “Role elucidation of terpene synthase TPS2 in maize-aphid defense”

Samantha Hackett: “Lead and arsenic uptake by radishes in contaminated orchard soil”

Allison Coomber: “Diseases in forage intercropping systems”

William Dahl: “Inducing lipid accumulation in *Lemna minor* using CRISPR/Cas9”

Jeffrey Yen: “Comparative ligule development in Poaceae”

STUDENT POSTER SESSION PRESENTERS | 2:30 – 3:00 PM | Lobby

Braulio Castillo | Yuqi Chen | Harris Liou | Jonathan Price | Alan Zhong

STUDENT PRESENTERS | 3:00 – 4:30 PM

Ben Sword, Chief Botanical Officer @ Íko Systems: “Charged zeolite as a hydroponic growth medium”

Kellie Damann: “The Hunger Games of cabbage: varietal susceptibility to black rot”

Patrick O'Briant: “A push-pull agroecosystem: sustainably manipulating tritrophic interactions”

Kady Maser: “Crop load and harvest management for hard cider orchards”

Natalie Roche: “Spreading the word on plant nutrition”

Patricia Chan: “LHB Conservatory, the green jewel of campus”

Megan Dodge: “The Central Park conservancy: lessons in urban park horticulture and management”

Matthew A. Siemon: “Summer stress: not so a*maize*ing”

Refreshments will be available in Plant Science 143 during the Poster Session.