



DR. ALFRED HUO

Genetic Improvement of Horticultural Crops with Advanced Breeding Tools

With significant advancements in genomics and plant biotechnology, Dr. Alfred Huo will discuss enhancing plant transformation, highlight genome editing's potential in leafy vegetables, and explore developing snapdragon mutants through transposon mutagenesis and applying Bulk Segregant Analysis and whole genome sequencing to identify key candidate mutations.

**Fall 2023 PSLA
LECTURE
SERIES**

November 27, 2023

**PLS Building RM
2107/2109**

**Time:
12PM**

[UMD Zoom](#)

**Graduate student
lunch w/ speaker**

1PM

PLS 2107/2109

Dr. Alfred Huo's research focused on apomixis during his Ph.D. studies at the University of Georgia. He later joined UC-Davis to study lettuce seed biology. In 2017, he joined the University of Florida as an assistant professor and now focuses on horticultural crop breeding using diverse tools.



**COLLEGE OF
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AND LANDSCAPE ARCHITECTURE**