

UC Dry Bean Field Day

Thursday, September 1, 2022

9:00am – 11:00am

UC Davis Campbell Tract (38.533722, -121.778639)

See map [link](#) (Enter via Campbell Rd. entrance)

Agenda

- 9:00am Sign-in, welcome, and introductions
Christine Diepenbrock, Antonia Palkovic, Travis Parker (UC Davis) and
Michelle Leinfelder-Miles, UC Cooperative Extension
- 9:05am Lima breeding program for lygus resistance and high yield
Paul Gepts and Antonia Palkovic, UC Davis
- 9:20am Remote sensing of plant traits under drought stress in common and tepary beans
Chris Wong, Tom Buckley, Matthew Gilbert, and Travis Parker, UC Davis
- 9:35am Nitrogen fertility in beans following whole orchard recycling
Michelle Leinfelder-Miles, UC Cooperative Extension
- Travel to second field location (38.532139, -121.782306). See map [link](#)
- 10:05am Cowpea MAGIC population
Bao-Lam Huynh, UC Riverside and Sassoum Lo, UC Davis
- 10:15am Interspecific common bean x tepary bean population
Santos Barrera Lemus, Plant Sciences, Inc., Watsonville
- 10:25am Improving productivity and nutritional quality in grain legumes under a changing
climate
Sassoum Lo and Santos Barrera Lemus, UC Davis
- 10:35am Developing, testing, and deploying complementary sensors for high-efficiency trait
prediction
Earl Ranario and Jonny Berlingeri, UC Davis
- 10:45am Characterizing bioaccessible nutrition, seed coat patterning, and their genetic and
environmental basis in common bean
Tayah Bolt, UC Davis
- 11:00am Discussion and evaluation
- 11:00-noon Viewing of field plots
Attendees are invited to venture into the fields to look at the lima breeding
materials, cooperative dry bean nursery, and heirloom-like dry beans at the [student
farm](#) (38.541667, -121.767111), with Travis Parker, UC Davis

CCA continuing education credits have been requested.