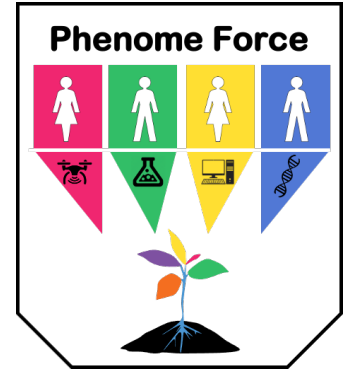


Fridays Hands-On Workshop Series 2021

"Setting up low-cost phenotyping platforms"



April 9th, 2021
10 AM (CDT)

Workshop 01:

Getting started with Raspberry Pi



Jeff Berry

Senior Computational Scientist
Donald Danforth Plant Science Center



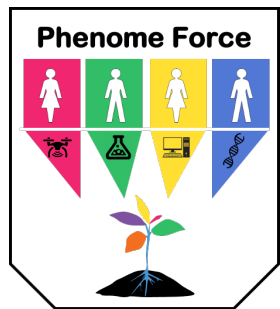
Registration Link:

<https://forms.gle/PVSf3AkxyvncTVrm9>



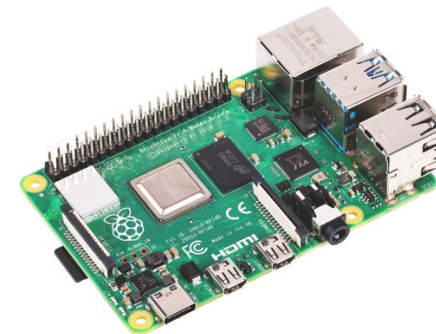
Noah Fahlgren

Principal Investigator
Data Science Facility
Donald Danforth Plant Science Center



Fridays Hands-On Workshop Series 2021

"Setting up low-cost phenotyping platforms"



Agenda	Speakers	Workshop
9-Apr	Noah Fahlgren & Jeff Berry	Getting started with Raspberry Pi
16-Apr	Kristina Riemer & David LeBauer	Using TERRA REF high throughput, sensor-collected plant data with R
23-Apr	David Rousseau	RGB-Depth plant phenotyping from top view: system and image analysis
30-Apr	Malia Gehan & Jose Tovar	Measurement of plant phenotypes with low-cost Raspberry Pi computers and cameras
7-May	Suxing Liu & Wes Bonelli	3D root reconstruction efforts in arpa-e project
14-May	Jennifer Lachowiec & Elizabeth Simmons	The power of Pis and the powering of Pis
21-May	Max Feldman	Scalable, cost-effective phenotyping solutions to facilitate quantitative genetics in potato
28-May	Duke Pauli	PhytoOracle: A scalable, modular data processing pipeline for phenomic data
4-Jun	Jennifer Lin	Use of an Arduino platform for obtaining long term pH readings in plant tissue.

Registration: <https://forms.gle/PVSf3AkxyvncTVrm9>

Where to follow and join us

- At our website (<https://phenomeforce.github.io/PhenomeForce/>) 
- On Twitter ([@ForcePhenome](https://twitter.com/ForcePhenome)) 
- On YouTube (https://www.youtube.com/channel/UCJ_ZXrpzvmF4rgSI8W_inyQ?view_as=subscriber)
- By email (phenomeforce@gmail.com) 
- On Slack (send us an email and we will add you to our workspace)

