

# SATELLITE TO SEEDS - SPRING SEMINAR SERIES

## PLANT PHENOMICS PHRIDAYS



There are both challenges and opportunities in plant sciences.

Speakers in this seminar and discussion series describe novel solution approaches to plant sciences problems from plant sciences, statistics, data sciences, and engineering perspectives.



Where: 0009 Curtiss Hall, Iowa State University *and virtual*  
When: Fridays April 8-29, 2022. 12:00-1:00 PM Central  
RSVP: Registration is free! Sign up online at [https://bit.ly/Spring2022\\_PPP](https://bit.ly/Spring2022_PPP)  
Virtual connection details available via registration screen.  
Bonus: **Free lunch** for registered in-person attendees

### April 8

Local time check: <https://bit.ly/3KqQVzs>



Keshav Singh  
Digital Imaging Technology in Plant  
Phenotyping: Canadian Crops Perspective

Brian Hornbuckle  
Plant Phenomics at a Much Larger Scale!



### April 15

Local time check: <https://bit.ly/35SYtYb>



Roland Schafleitner  
A closer look at the World Vegetable Center  
germplasm collection

Stephanie Greene  
USDA genebanks: conserving precious  
plant genetic resources



### April 22

Local time check: <https://bit.ly/3sMZbiE>



Dior Kelley  
Discovering genetic drivers of auxin  
dependent phenotypes in maize

Alex Bucksch  
From data to new plants:  
Advancing computational plant science in  
the face of climate change



### April 29

Local time check: <https://bit.ly/35SYZFB>



Jennifer Clarke &  
Philipp von Gillhaussen  
International Plant  
Phenotyping Network (IPPN)



Malia Gehan  
North American Plant Phenotyping Network (NAPPN)  
**Plant Phenotyping Networks across different scales:**  
What they are & how to effectively use them for outreach



#### Funded by:

**HIPS:** High intensity phenotyping sites -  
a multi-scale, multi-modal sensing and  
sense-making cyber- ecosystem for  
genomes to fields



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