

*First Announcement*

# Summer Institute in Plant Breeding

20–24 June 2022

Saint Paul, Minnesota, USA

*Sponsored by the*

**Plant Breeding Center at the University of Minnesota**

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## Modules, Instructors, and Schedule

The 2022 Summer Institute in Plant Breeding will have six 2.5-day modules, with triplets of modules taught concurrently. Each participant can register in either one or two modules (one module from the Monday–Wednesday triplet and a second module from the Wednesday–Friday triplet).

Module details will be sent in a *Second Announcement* in January 2022.

Module	Instructor	Start and end
Plant Breeding 101	Dr. James A. Anderson (University of Minnesota)	Mon, June 20 at 8:00am to Wed, June 22 at noon
Data Bootcamp for Genomic Prediction in Plant Breeding	Dr. Aaron J. Lorenz (University of Minnesota)	
Machine Learning Applied to Plant Science	Dr. Tolutola Oyetunde (Takeda)	
Polyploid Genomics	Dr. Laura M. Shannon (University of Minnesota)	Wed, June 22 at 1:00pm to Friday, June 24 at 4:00pm
Applied Plant Genomics and Bioinformatics	Dr. Candice N. Hirsch (University of Minnesota)	
Genomewide Markers in Plant Breeding	Dr. Rex Bernardo (University of Minnesota)	



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## **Target Audience**

*Plant Breeding 101* is intended for those who seek a course in the fundamentals of plant breeding (e.g., technicians, data scientists, managers, non-plant breeding graduate students, etc.).

The five other modules are intended for M.S. and Ph.D. students, postdocs, and industry scientists.

## **Costs (per module)**

**\$475** for graduate students, postdocs, and faculty

**\$625** for industry participants

These fees include breakfast, lunch, and morning and afternoon breaks.

Dinners and accommodations are not included.

We regret that scholarships or reduced fees are unavailable.

## **Online Registration**

Online registration begins in January 2022.

Detailed registration information will be provided in the *Second Announcement*.

Payment will be by credit card only (VISA, MasterCard, Discover, or American Express).

## **Accommodations**

Participants are responsible for making their own lodging arrangements.

A list of hotels accessible to campus will be sent in January 2022.

## **Questions?**

Contact Rex Bernardo by email ([bernardo@umn.edu](mailto:bernardo@umn.edu)).