



# KERNZA® MEETING 2022

All activities will take place at the Historic Masonic Temple in downtown Salina, except when indicated otherwise.

Historic Masonic Temple

336 S Santa Fe Ave

Salina, KS 67401

## ZOOM INFORMATION

Link: [Click Here to Join](#)

Password: Kernza2022

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## THURSDAY, APRIL 21ST

6:30pm: Dinner, catered by Renaissance Cafe

## FRIDAY, APRIL 22ND

7:45-8:30: Coffee & Light Breakfast

8:30-5:00pm: Presentations - read on for details

6:00pm: Dinner, catered by Renaissance Cafe

7:30pm: Reception at [The Land Institute](#), featuring Kernza® Beer!

- 2440 E Water Well Rd Salina, Kansas 67401

## SATURDAY, APRIL 23RD

7:45-8:30: Coffee & Light Breakfast

8:30-12:00pm: Presentations - read on for details

12:00pm-1:00pm: Lunch, catered by Yaya's Euro Bistro

1:00pm-6:00pm: Field Tours

- [Click here to see route map](#)
- Some cars will continue on to [Smoky Valley Distillery](#) for a Kernza® Whiskey tasting

# PRESENTATIONS: DAY 1

TIME	TITLE	PRESENTERS
7:45-8:30	Breakfast	
8:30-8:40	Welcome and Introduction	Tessa Peters, Lee DeHaan & Aubrey Streit-Krug
8:40-8:50	Introduce Timeline & Race and Equity Activity	Sophia Skelly & Amy Teller
8:50-9:15	KernzaCAP: Overview and Updates	Jake Jungers & Tara Ritter
9:15-9:35	The Land Institute Kernza Breeding Updates	Lee DeHaan
9:35-10:20	Targeted Mutations in IWG	Hanne Thomsen, Guangbin Luo, Javad Najafi and Pedro Correia
10:20-10:35	Break	
10:35-11:05	UMN Breeding Updates + Implications of Pollen Dispersal and Mating Pattern on IWG's Domestication and Genetic Diversity	Prabin Bajgain
11:05-11:20	Genomic Analysis and Genomic Selection in IWG	Jared Crain
11:20-11:40	Comparison of yield traits between spaced plants and seeded-plots of half-sib families	Steve Larson

## Breeding & Genomics

# PRESENTATIONS: DAY 1 CONTINUED

	TIME	TITLE	PRESENTERS
	11:40-12:00	Student + Post-Bacc Lightning Talks	
	12:00-1:00	Lunch	
Agronomy	1:00-1:40	Agronomics for Profitable and Sustainable Kernza Production	Jake Jungers
	1:40-2:20	Advances on optimizing Kernza-legume perennial polycultures	Valentin Picasso
	2:20-2:40	Response of Kernza to mycorrhizal inoculation	Thomas McKenna
	2:40-3:30	Yields, nitrogen requirement, and weed development: from plant traits to crop performances in fields	Olivier Duchene
	3:30-3:45	Break	
Breakout Groups	3:45-5:00	<ul style="list-style-type: none"> <li>• EEP Breeding &amp; Genetics Module Teaching session</li> <li>• Young Researchers Meet-up</li> <li>• Grower-Researcher Dialogue</li> </ul> <p><i>Last 15 minutes to re-cap the groups</i></p>	<ul style="list-style-type: none"> <li>• Hannah Stoll</li> <li>• Sophia Skelly</li> <li>• Connie Carlson, Lee DeHaan, Valentin Picasso, Jake Jungers</li> </ul>

# PRESENTATIONS: DAY TWO

	TIME	TITLE	PRESENTERS
Ecosystem Services	7:45-8:30	Breakfast	
	8:30-9:35	Ecological intensification and ecosystem services in Kernza cropping systems	Tim Crews & Jess Gutknecht
	9:35-9:50	Race & Equity: Summary of Input from Day 1	Sophia Skelly & Amy Teller
	9:50-10:00	Break	
Supply Chain	10:00-11:00	Refining our approach to supporting the adoption and scaling of perennial grains: A case study of Kernza®, 2019-2022 + Kernza Steward Alliance Updates	Colin Cureton & Tessa Peters
	11:00-11:50	Kernza Makers Panel	<ul style="list-style-type: none"><li>• George Annor</li><li>• Christopher Abbott</li><li>• Douglas Michael</li><li>• Alexandra Diemer</li><li>• Peter Miller</li><li>• Tammy Kimbler (Moderator)</li></ul>
	11:50-12:00	Closing Remarks	
	12:00-1:00	Lunch	
	1:00-5:00	Field Tours, by RSVP only	<a href="#">Click here to see the route map!</a>