

**Wheat Genetics Resource Center I/UCRC
Industry Advisory Board Spring 2015 Meeting**

Tuesday, March 31 and Wednesday, April 1

Kansas Wheat Innovation Center

1990 Kimball Avenue

Manhattan, KS 66502

Day 1:

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|------------------|---|
| 7:30am | Participant Registration |
| 7:30 - 8:00 am | Breakfast and Networking Time |
| 8:00 - 8:10 am | Welcome Remarks (Dean Floros) |
| 8:10 – 8:30 am | Kickoff Meeting Goals, Vision and Capabilities of the Center (Bikram Gill) |
| 8:30 – 8:50 am | NSF I/UCRC Presentation (I/UCRC program director & Center Evaluator) |
| 8:50 - 9:05 am | BREAK |
| 9:05 – 9:45 am | PROGRESS REPORTS |
| | <ol style="list-style-type: none">1. <i>WGRC Core Operations: Wheat Germplasm Management and Mining the Wheat Gene Pool</i>: Presented by John Raupp, Vijay Tiwari, Narinder Singh WGRC, Kansas State University, 5 minutes for updates and questions<ul style="list-style-type: none">○ Fill out and collect LIFE Forms, 5 minutes2. <i>WGRC Core Operations: Wheat Genetic Stocks and Wheat Introgression Platform</i>: Presented by Dal-Hoe Koo and Bernd Friebe WGRC, Kansas State University, 5 minutes<ul style="list-style-type: none">○ Fill out and collect LIFE Forms, 5 minutes3. <i>Phenotyping for drought</i>: Presented by Byrne/Reid, Soil and Crop Sciences, Colorado State University, 5 minutes for updates and questions<ul style="list-style-type: none">○ Fill out and collect LIFE Forms, 5 minutes4. <i>Graduate Education</i>: Presented by Jesse Poland, WGRC, 5 minutes<ul style="list-style-type: none">○ Fill out and collect LIFE Forms, 5 minutes |
| 9:45 – 10:00 am | BREAK |
| 10:00 – 10:40 am | PROGRESS REPORTS |
| | <ol style="list-style-type: none">5. <i>A Repeatable Method to Screen for “Drought Tolerance” in Controlled Environments</i>: Presented by Andrew Green, Agronomy, Kansas State University, 5 minutes |

- Fill out and collect LIFE Forms, 5 minutes

6. *Heat Screening T. aestivum x A. speltoides doubled amphiploids, and analysis of their chromosomal preservation:* Presented by Jessica McGowen, Agronomy, 5 minutes

- Fill out and collect LIFE Forms, 5 minutes

7. *Method development for uniform viruliferous aphid delivery and identification of Barley yellow dwarf virus (BYDV) resistant wheat lines:* Presented by Alexandria Kieffaber, Plant Pathology, 5 minutes

- Fill out and collect LIFE Forms, 5 minutes

8. *Identification of Important Viral Vector Species in Northwest Kansas:* Presented by Matt Ramos, Plant Pathology, 5 minutes

- Fill out and collect LIFE Forms, 5 minutes

10:40 – 10:55 am

BREAK

10:55 – 11:25

Wheat Genetic Advances

Hapmap of Wheat: Eduard Akhunov, Plant Pathology, 15 minutes

BSR-Siq Mapping in Wheat: Sanzhen Liu, Plant Pathology, 15 minutes

11:25- 11:40

UNL and SDSU Discussion: Steven Baenziger and Kevin Kephart

11:40 – 12:00

USDA Discussion

12:00 – 1:00 pm

LUNCH

1:00- 1:15 pm

Finalize MTA

1:15- 2:45 pm

Future Projects and Deliverables

2:45- 3:00 pm

BREAK

3:00- 3:30 pm

IAB Organizational Meeting and Formative Discussion (IAB) Members and NSF

3:30 – 3:45 pm

Review of Evening and Day 2 activities (Bikram Gill)

3:45 – 5:00 pm

Demo phenotyping equipment

6:00 pm

Social: Heavy Appetizers

Bluemont Hotel, 1212 Bluemont Avenue, Manhattan, KS

Day 2:

- 7:30 - 8:00 am Arrival and Breakfast
- 8:00 – 9:00 am LIFE FORM Review and Discussion (All participants - at IAB Discretion)
- 9:00 - 10:00 am IAB Meeting (IAB Members and NSF)
- (Call in researchers during the discussion so they can answer any questions)
- 10:00 - 10:30 am IAB Report Out, Discussion (IAB, Center and site directors, NSF)
- 10:30 - 11:30 am Action Items and Plans for Next Semiannual Meeting (IAB, Center and Site Directors & NSF)
- 11:30 - 11:40 am Summary and Closing Remarks (Universities involved)
- ADJOURN (Box lunches)