**Higher Education Challenge Grant Project**

**‘Enhancing Educational Outcomes for Plant Genetic Resources Conservation and Use’**

**AGENDA January 10, 2023, 10 am MST**

**Zoom Meeting:** <https://zoom.us/j/98692596028?pwd=N0s5bDBVaXd5WWhHdmRaODNjMFRJUT09>

**Meeting ID:** 986 9259 6028

**Passcode:** 623083

Invited: Pat Byrne, CSU Soil and Crop Sciences

Geoff Morris, CSU Soil and Crop Sciences

Jill Zarestky, CSU School of Education

Gina Cerimele, CSU Soil and Crop Sciences

Kierra Jewell, CSU Soil and Crop Sciences

Kat Chen, CSU/NLGRP

Deana Namuth-Covert, CSU College of Agricultural Sciences

AssibiMahama, ISU Agronomy

Candy Gardner, ISU Agronomy

Stephen Gray, ISU Agronomy

Forrest Douglass, USDA-ARS, Ames

Gayle Volk, USDA-ARS, Fort Collins

Gary Kinard, USDA-ARS, Beltsville

1. Pat: Request for 1-year no-cost extension until May 31, 2024

Project ends at end of May- Pat will submit a request to extend sometime in the next week or so due to COVID delays and to bolster development of learning materials.

1. Assibi/Stephen/Candy/Forrest: Updates from Iowa State

* Stephen’s degree program

Stephen is taking last three classes to complete coursework while working on his thesis for graduation end of this spring semester. Attending Maize meeting in March to share research. Congratulations to Stephen on his recognition for Teaching Excellence!

* Bambara groundnut chapter

Assibi will work up a timeline for creating this. Kat has created a new ebook to reflect the new name “Understudied Indigenous Crops”

* PI station videos

After a disruption in the release of videos, the Curator Interview content is back on schedule for Youtube and GRIN U release. The Regeneration Ebook has renewed focus and we are planning content that features 3 subjects (possibly Maize, Vegetables, and Pollinators)

1. Geoff/Jill: Evaluation of CSU Online Courses 1, 2 & 3

Jill will contact Geoff for some more information on evaluations. Fort Collins meeting of the National Genetic Resources Advisory Council (NGRAC) 4/11-4/12. Deana will check if any COVID money is available to provide training.

1. Gary: GRIN-U updates

3200 users since 7/21. 84 subscribers

Laura is preparing quarterly newsletter for GRIN U updates, holding off until more content is up to share. Jill has discussed a survey or interview of GRIN-U users in the spring. We discussed who should be targeted for this as well as what kind of content we should create for – whether to target a general audience/ repeat users/ subscribers.

1. Deana: Natural Sciences Education manuscript; Upskilling; badges

GRIN-U project summary will be submitted to NSE, badge to be free-of-charge.

1. Gayle: ‘Climate-Ready Plant Collections’ ebook; other ebook chapters

Reviewed with some minor edits, may be released this week. 7 chapters. 2 new chapters added to Fundamentals of Plant Genebanking e book, new chapter in the works. Understudied Indigenous Crops ebook- Assibi submitting Bambara, still need introductory chapter before release – Pat.

1. Kat: ‘Understudied Indigenous Crops’ ebook; Spur outreach Dec. 10; high school curriculum for Fall 2023

SPUR – 2nd Saturday of every month outreach. Successful potato day December 10 - 150-200 visitors! The Passport was a successful tool to get engagement among all the stations.

Utilizing PBL- problem based learning scheduled for Fall 2023. Through CSU SPUR on PGR in person sessions, courses teachers could bring to students (middle + high school)

**Next meeting:** Tuesday, February, 7, 2023, 10 am-11:30 am MST