

**Joint National Plant Germplasm System Meeting
June 14-16, 2016, Hilton, Fort Collins
Program**

**Tuesday, June 14
8:00 am to 12:00**

Committee	Meeting Room
Western Regional Technical Advisory Committee	Aggie Room
Southeastern Regional Technical Advisory Committee	Vet Medicine Room
Northeast Regional Technical Advisory Committee	Research Room
North Central Regional Technical Advisory Committee	Natural Resources Room
NRSP6 Technical Advisory Committee	CSU Presidents Room
National Plant Germplasm Coordinating Committee	Rams Room

Please note: there will be a break from 10:00 am to 10:30 for all attendees in Salon IV&VI

Curator Workshop- Salon IV&VI

Agenda

8:00	Denise Costich	Curation in the CIMMYT Maize Germplasm Bank: ISO, GRIN-Global, Barcodes
8:30	Moisés Cortés Cruz	Highlights of Research in Maize at the CNRG-INIFAP, Mexico
9:00	Colin Khoury	US CWR Gap Analysis Project- Next Few Years
9:30	Marlee Labroo	<i>Oryza longistaminata</i> : Gap Analysis, GIS Prediction of Adaptation and Screening for Salt- and Cold Tolerance
10:00	Coffee Break/ Network	
10:30	Chris Richards	Temporal Variation in Wild Barley: <i>in situ</i> and <i>ex situ</i> Estimates of Genetic Erosion
11:00	Joseph Postman	Using Excel & Power-Map to Present Germplasm Origin Data
11:30	Angela Hernandez	Mobile Data Capture and Synchronization with Grin Global

Tuesday, 12:00 pm Lunch- Salon III (all attendees)

Tuesday, 1:00 pm Joint Plant Germplasm Operations Committee Meeting (all attendees) - Salon IV&VI

Agenda

1:00	Larry Chandler, ARS Plains Area, Director	Welcome
1:05	Joseph Postman, Chair, PGOC	Agenda Review, Introductions, Announcements, Approval of October 2014 Minutes
<u>National and International Developments</u>		
1:15	Peter Bretting, NPL	Status of the USDA National Plant Germplasm System
1:30	Katie Scholl, US State Department	Update on FAO Treaty & Nagoya Protocol
1:45	CAN Representative	Canadian Activities, Plant Gene Resources of Canada
2:00	CO Representative	PGR Activities in Colombia, CORPOICA
2:15	Fernando de la Torre	Ex situ Conservation and Current Research Activities at the National Genetic Resources Center of Mexico
2:30	Denise Costich	The Article 15 Germplasm Banks and the Crop Trust: Partners in Safeguarding Global Goods
2:45	Angela Hernandez	Activities at CIAT, Columbia
3:00	Break	
3:15	Tran Thi Thu Hoai	Activities at the Plant Resources Center, Hanoi, Vietnam
3:30	Gary Kinard	USDA Nat'l Germplasm Resources Lab

3:45	Karen Williams	USDA Plant Exchange Office
4:00	Harvey Blackburn	USDA Nat'l Laboratory for Genetic Resource Preservation
<u>NPGS Regional Plant Introduction Station/RTAC Updates</u>		
4:15	Candy Gardner	Northcentral Regional PI Station
4:30	Gan-Yuan Zhong	Northeastern Regional PI Station
4:45	Gary Pederson	Southeastern Regional PI Station
5:00	Jinguo Hu	Western Regional PI Station

6:00 pm to 8:30 pm **Sit-down dinner and cash bar-Legends Room**
(Purchased dinner tickets with meal selection are in registration packet. Please bring your ticket to dinner)
 Dr. Kim Hummer "We're not in Kansas anymore: Vietnamese - U.S. Plant Expedition 2015"

Wednesday, June 15

Joint Plant Germplasm Operations Committee Meeting- Salon IV&VI

Agenda

Grin-GLOBAL

8:00	GG Team	Status Report
8:30	Gary Kinard, Lisa Burke	Role of GG Advisory Committee
8:45	Gary Kinard	Discussion on Grin Global Implementation, Additional needs
<u>Order Processing Challenges</u>		
9:00		Impact of Grin-Global on Orders
	John Preece	• Davis situation
	Gary Pederson	• NGRAC ideas
9:30	Joseph Postman	Multi-site Orders: Options Consistent with Handling of Non-Research Requests
9:45	Gary Kinard	Phytosanitary Certificates, Shipping Costs
10:00	Break	

Emerging Issues and Continuing Discussion Topics

10:15	Gary Pederson	Status of -18C Storage at NPGS Sites
10:30	John Preece	Managing Genetic Resource Collections with Reduced Resources
10:45	Gary Pederson	Promotion of Cat 4 scientists in GS 12/13/14 Career Ladder
11:00	Gary Kinard	Economic Research Service (ERS) Impact Study of NPGS
11:15	Stephanie Greene /Brian Irish	GMO's and Germplasm Collections
		• ARS Best Management Practices
		• Distribution of off-patent GMO PVP varieties
		• Alfalfa regeneration at Prosser, WA
11:45	Joseph Postman	New or Urgent Issues?

Wednesday 12:00 pm **Lunch- Salon III**

Dr. Colin Khoury (12:15-12:45)
 "Modern interdependence among countries with regard to plant genetic resources"

Tour(s) of NLGRP

1:00 pm	In-depth tour of routine clonal cryopreservation work
1:30 pm	General tour of NLGRP- Research and Preservation Activities

Please meet in lobby of NLGRP. It's a ten minute walk from the Hilton to NLGRP (please see map). Shuttles will also be available

Wednesday 3:00 pm to 5:00 Plant Germplasm Operations Committee Meeting- Salon IV&VI

Agenda

3:00 Break

Subcommittee Reports

3:15 John Preece NPGS Special Achievement
3:30 Stephanie Greene Crop Wild Relatives
3:40 Stephanie Greene GIS and Geo-referencing
3:50 Peter Bretting NPGS Operations Manual
4:00 Chris Richards Molecular Data in GRIN
4:10 Gary Kinard 'Seeds for Our Future' brochure

New Business

4:20 Joseph Postman 2018 PGOC Vice-Chair Nominations
4:30 Joseph Postman 2018 PGOC Meeting & Curator Workshop Location
4:40 Joseph Postman Other new business

6:00 pm to 8:00 Pizza and Movie

“Seeds of Time” –the story of Cary Fowler and his efforts to establish Svalbard Seed Vault

NLGRP large conference room (enter through southeast door, by picnic tables)

Thursday, June 16 Curator Workshops and Advanced Germination Workshop

8:30 am to 3:00 Advanced Germination Workshop (NLGRP large conference room)

8:00 am to 3:00 Curator Workshops

Seed Curator Workshop- Salon IV

Agenda

8:00 Marty Reisinger Grin Global listening session
9:00 Dave Brenner Medical oxygen concentrators for releasing seed dormancy
9:30 Jennifer Crane/
Lisa Hill Considerations when storing seeds that are neither orthodox nor
recalcitrant
10:00 Coffee Break/ Network
10:30 Shyam Tallury Peanut wild species regeneration including seed and clonal propagation
11:00 Susan Steive Butterfly production and pollination at the OPGC
11:30 JoAnne Labate Application of a new genotyping method: Amplicon sequencing
12:00 Lunch (Salon III)
1:00 Clare Coyne USDA, the new online Amazon store for seed
1:30 Stephanie Greene Replenishing the base seed collection: our new strategy
2:00 Vickie Bradley BLM Seeds of Success Program: Conserving and using native seed
2:30 Stephanie Greene Developing a Quality Management System: Experiences of the NLGRP
Seed Team

Clonal Curator Workshop- Salon VI

Agenda

8:00	Brian Irish	Management of global banana germplasm
8:20	Joseph Postman	Pathogens and germplasm distribution: <i>Xyella fastidiosa</i> situation in Corvallis
8:40	Gayle Volk	Using seeds to capture the diversity of wild species within clonal collections
9:00	Joseph Postman	Distributing seeds of clonal crops for prebreeding and home gardeners
9:20	Maria Jenderek	Plant material characteristics promoting post-cryo viability
9:40	Gayle Volk	Use of probability calculations to predict the number of viable samples in cryopreserved accessions
10:00	Coffee break and networking	
10:30	Moderator: John Preece	Ensuring the security of clonal collections Each curator will have up to 10 minutes to present a list of taxa they feel has less than adequate security backup. Please include the following: <ul style="list-style-type: none">• size of collection, make up (elite, landraces, wild), how is active collection maintained• current extent and form of backup (if any)• vulnerability (existing or emerging threats)• relative value of collection (i.e. level of requests- either existing or emerging)
12:00	LUNCH	(Salon III)
1:00	Maria Jenderek	Securing collections through cryopreservation: status and current capacity of the pipeline
1:20	Gayle Volk	Citrus cryopreservation and current upstream cryo research efforts
1:40	Angela Hernandez	GRIN-Global pilot data migration for the <i>in vitro</i> Cassava collection at CIAT: Outputs, progress and lessons learnt
2:00	Moderator: Joseph Postman	Grin Global clonal needs for active clonal sites
2:30	Joseph Pohl	Clonal needs for GRIN Global in the base collection
2:45	Gary Kinard	Modifying GRIN Global to accommodate clonal needs- steps to move forward
