

National Association of Plant Breeding (NAPB): Strengthening Plant Breeding Capacity in the USA

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NPGCC Meeting

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COLLEGE OF AGRICULTURAL, CONSUMER AND ENVIRONMENTAL SCIENCES
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NAPB – About us

- Founded in 2010 as an outgrowth of the PBCC (Plant Breeding Coordinating Committee)
- Comprised of plant breeders from land grant universities, US government, and industry
- Represents the common interests of the plant breeding community working in field, forest, horticultural, and specialty crops
- A forum for leadership regarding issues, challenges, and opportunities of long-term strategic importance where plant breeding contributes to national goals



NAPB Key Issues

- Strengthening US plant breeding capacity by encouraging improvements to infrastructure and education
- Educating the next generation of plant breeders
- Funding for public sector plant breeding
- Contributing to the vitality of the US economy



NAPB priorities

- Develop new knowledge, technologies, and approaches; integrating these into the science of plant breeding
- Collect, evaluate, and utilize diverse germplasm to develop breeding populations and new cultivars that are productive, nutritious, resistant to stresses, and have a place in a value-added economy
- Work in close cooperation with a broad range of basic and applied agricultural, environmental, nutrition-oriented, and social scientists



NAPB

National Association of Plant Breeders

Membership: Voluntary / Email listserv

Officers

- **President** (Rita Mumm)
- **Vice President** (David Stelly)
- **Secretary** (Liz Lee)
- **Past President** (Todd Wehner)
- **Treasurer** (Shelley Jansky)
- **Web Editor** (Seth Murray)
- **Assistant Web Editor** (Jim Hancock)
- **Archivist** (Tom Stalker)

Activities

- Advocacy
- Lead organizer of annual meeting
- Website governance

PBCC

Plant Breeding Coordinating Committee

Membership: Institutional representatives

Officers

- **Chair** (Mike Havey)
- **Vice Chair** (Allen Van Deynze)
- **Secretary** (Marcelo Carena)
- **Past Chair** (Phil Simon)
- **Admin. Advisor** (George Askew)
- **CSREES Rep.** (Anne Marie Thro)
- **USDA-ARS Rep.** (Roy Scott)
- **US Forest Service Advisor** (Randy Johnson)

Activities

- USDA reporting
- USDA advising
- NIMSS website

Liaisons

- **International Plant Breeding Centers** (Stephen Baenziger, Paul Gepts)
- **Private Non-Profit Breeders** (Bill Tracy)
- **Forestry Plant Breeders** (Ross Whetten)
- **CSSA Plant Breeders** (Andrea Cardinal)
- **ASA** (Karl Glasener, Caron Gala)
- **ASHS** (Chris Cramer, Amy Iezzoni)
- **NCCPB** (Tom Koch)
- **ASTA** (Donn Cummings, Don Blackburn)
- **EUCARPIA** (Rale Gjuric)
- **NPGCC** (David Baltensperger)
- **Organic Seed Alliance** (Jim Myers)

Subcommittee Chairs

- **Grand Challenges** (Janet Lewis)
- **Science, Technology and Informatics** (Mitch McGrath)
- **Communications and Outreach** (Pat Byrne)
- **Awards** (Brooks Blanche)
- **Education and Training of Plant Breeders** (Jamie Sherman)

Activities

- Identifying needs of plant breeders
- Meeting organization
- Communicating with the public
- Recognizing achievements of plant breeders
- Identifying educational needs and challenges

NPGCC mission and vision

- Enhancing cooperation and communication in support of the National Plant Germplasm System to conserve and provide plant genetic resources and associated information needed for current and future crop research and development that underpins the US agricultural system
- Promoting a stronger, more efficient, more widely recognized, and better utilized NPGS



NPGCC key issues

- Improved coordination of NPGS activities
- Communicating the value of the NPGS
- Strategic planning to define and meet short- and long-term goals
- Funding for the NPGS



Common interests and goals

- Preserving and promoting access to diverse germplasm to develop breeding populations and new cultivars that are productive, nutritious, resistant to stresses, and have a place in a value-added economy
- Funding for public sector plant breeding resources
- Strategic planning for germplasm needs of the future
- Training NPGS curators of the future
- Others?

