ARS Interactions with the College of Agriculture, Food and Natural Resources

University of Missouri

Collaborating for the Greater Good
CAFNR: six academic divisions

- Plant Sciences
- Biochemistry
- Animal Sciences
- Food Systems and Bioengineering
- Applied Social Sciences
- Natural Resources

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ARS Research Units

– Plant Genetics Research Unit

– Biological Control of Insects Research Laboratory

– Cropping Systems & Water Quality Research Unit
Positive Interactions

- Adjunct Faculty Status in CAFNR Divisions
- Guest Lectures
- Collaborative Grant Proposals
- Shared Use of Facilities / Equipment
- Joint Authorship on Publications
- Graduate Education
  - Advising Graduate Students
  - Service of Graduate Committees
- Participation in Ag Research Center Field Days, Workshops, etc.

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Challenges

• ARS Leadership
  – National /Regional
  – Research Units RLs (Research Leaders)

• Geography
  • Co-located with College Faculty in Academic Bldgs
  or
  • Located in ARS Facility

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Successful Collaborations

• Interdisciplinary Plant Group (IPG)
  – ~60 faculty: Plant Sciences, Biochemistry, Biological Sciences, ARS Plant Genetics Unit

• Maize Genetics Center

• High Oleic Soybean Technology
  – Grover Shannon (MU) & Kristin Bilyeu (ARS)
  – The only non-GM hi-oleic technology
    • Joint patent (USDA-MU-MO Soybean Association)
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