



**Feed the Future Food Security Innovation Labs:
Collaborative Research Programs**

Peanut and Mycotoxin Innovation Lab

University of Georgia

Peanut and Mycotoxin Innovation Lab

- History of productive research, worldwide
- Transitional Period
 - Leadership (Interim Dir., Assoc. Dir.)
 - Funding Cycle (applied for Phase 2 funding, no current projects)
 - USAID Feed the Future Initiative



Peanut and Mycotoxin Innovation Lab

- Why Peanut?
 - Grown worldwide
 - High nutritional value
 - Value as legume in multi-crop rotational systems



Peanut and Mycotoxin Innovation Lab

- Why Mycotoxins
 - Research continues to show how mycotoxins are negatively impacting human health in developing countries



Peanut and Mycotoxin Innovation Lab

- Why UGA?
 - By far, GA is largest peanut-producing state in U.S.
 - Large investment in multi-disciplinary expertise and facilities
 - Most successful breeding program
 - Well connected to other expertise worldwide



Peanut and Mycotoxin Innovation Lab

- What will new PMIL Offer?
 - Total peanut value chain research support
 - Production (breeding, cultural practices, seed prod.)
 - Storage
 - Processing (shelling, roasting, product manufacturing)
 - Marketing
 - Nutrition



Peanut and Mycotoxin Innovation Lab

- What will new PMIL Offer?
 - Mycotoxin Mitigation Research
 - For all relevant crops, not just peanut
 - Breeding for resistance
 - Cultural practices
 - Storage systems
 - Monitoring systems



The New PMIL

- Verbal approval of \$15M, 4.2 year funding
- Plan to target Mozambique, Malawi, Zambia, Ghana and Haiti
- Hope to maintain previous breeding program investments in Uganda and Bolivia
- Hope to release an RFP for new projects in April, 2013
- Will advertise for new Director soon

