Feed the Future
Innovation Labs

INNOVATION LAB COUNCIL MEETING – APRIL 20, 2015 – LILONGWE

USAID
FROM THE AMERICAN PEOPLE

FEED THE FUTURE
The U.S. Government's Global Hunger and Food Security Initiative
BIG IDEAS

POLICY

NUTRITION

SUSTAINABLE INTENSIFICATION

CAPACITY BUILDING
# Climate Resilient Cereals and Legumes

## Cereals
- Wheat (Washington State)
- Sorghum and Millet (Kansas State)
  - Millet *(UC Davis)*
  - Sorghum *(Georgia)*
- Applied Wheat Genomics (Kansas State)

## Legumes
- Legumes (Michigan State)
- Peanuts and Mycotoxin (Georgia)
- Soybean (Illinois)
- Beans (Penn State)
- Chickpea *(UC Riverside)*
- Cowpea *(UC Davis)*
Livestock Resilency and Productivity

Aquaculture & Fisheries (Oregon State)
Rift Valley Fever Control (Texas, El Paso)
Genomics to Improve Poultry (UC Davis)
Adapting Livestock to Climate Change (Colorado State)
Sustainable Intensification, Pest Management and Post-Harvest
Integrated Pest Management (Virginia Tech)

Food Processing & Post Harvest Handling
(Purdue)

Reduction of Post Harvest Loss (Kansas State)

Sustainable Intensification (Kansas State)

Small-Scale Irrigation (Texas A&M)
Policy

Assets & Market Access (UC Davis)
Food Security Policy (Michigan State)
Nutrition and Safe & Nutritious Foods

Horticulture (UC Davis)

Nutrition (Tufts)
- Africa
- Asia
Ethiopia

- 70 partnerships with 49 Ethiopian institutions
- 10 Innovation Labs
  - Asset and Markets
  - Adapting Livestock to Climate Change
  - Horticulture
  - Chickpea & Soy
  - Sorghum and Millet & Sorghum (UGa)
  - IPM & Post Harvest Loss Reduction
  - Small Scale Irrigation & Sustainable Intensification
- Ethiopian Institute for Agricultural Research (9 partners)
- Mekele, Jima and Haramaya Universities (3)
- Agricultural Transformation Agency (ATA) and Regional Institutes (2)
Kenya

- 46 partnerships between 31 institutions
- 7 Innovation Labs
  - AquaFish
  - Adapting Livestock to Climate Change
  - Peanut and Mycotoxin
  - Food Processing and Post Harvest
  - Assets and Market Access
  - Horticulture
  - IPM
- Tegemeo University (3), Moi, Maseno, Kenyatta University (2 each)
- Kenya Agricultural Research Institute (KARI) (10)
Uganda

- 39 partnerships between 27 institutions
- 6 Innovation Labs
  - AquaFish
  - Assets and Market Access
  - Grain Legumes
  - Horticulture
  - Nutrition
  - Peanut and Mycotoxin
- Makerere University (6)
- National Agricultural Research Organization (NARO) (5)
Tanzania

- 41 partnerships with 24 Tanzanian institutions
- 10 Innovation Labs
  - Food Security Policy & Asset and Market Access
  - Small-scale Irrigation & Sustainable Intensification
  - Livestock & Rift Valley Fever & Poultry Genomics & AquaFish
  - IPM & Horticulture
  - Grain Legumes
- Sokoine University of Agriculture (9) University of Dar es Salaam (2)
- Ministry of Agriculture, Food Security and Cooperatives (6), COSTECH (2)
Malawi

- 27 partnerships with 17 Malawian institutions
- 8 Innovation Labs
  - Grain Legumes & Soy & Beans
  - Peanut and Mycotoxin
  - Nutrition
  - Horticulture
  - Food Security Policy & Assets and Markets
- Lilongwe University of Agriculture and Natural Resources (7)
- Ministry of Agriculture, Irrigation and Water Development
  - Department of Agricultural Research Services
Zambia

- 21 partnerships between 13 institutions
- 5 Innovation Labs
  - Peanut and Mycotoxin
  - Grain Legumes
  - Horticulture
  - Soy
  - Climate Resilient Beans
- University of Zambia (6)
- Zambia Agricultural Research Institute (3)
Mozambique

- 19 partnerships between 11 institutions
- 5 Innovation Labs
  - Peanut and Mycotoxin
  - Grain Legumes
  - Assets and Market Access
  - Soy
  - Climate Resilient Beans
- Eduardo Mondlane University and Lurio University Nampula
- Agricultural Research Institute of Mozambique (IIAM) (7)
Rwanda

- 11 partnerships
- Horticulture Innovation