agricultural research organizations

creating a new tool for public agricultural research
U.S. public support is challenged

Trends in R&D by Agency
in billions of constant FY 2012 dollars

FY 2012 and FY 2013 figures are latest estimates.
1976-1994 figures are NSF data on obligations in the Federal Funds survey.
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agricultural research

public funding

private: industry funding

private: philanthropy funding
private: philanthropy funding

existing philanthropy

- university-connected donors
- >86,000 private foundations - few ag focused
private: philanthropy funding

existing philanthropy

future philanthropy

• university-connected donors
• >86,000 private foundations - few ag focused
philanthropic tools supporting public medical research ...

- university foundations/institute development
- government agency foundations (e.g., foundation for national institutes of health)
- private foundations
- medical research organizations
snapshot of medical research organizations...

• 501(c)(3), charitable organizations, created in the U.S. tax code in the mid-1950s

• focused on the “physical or mental diseases and impairments of man”

• operational requirements:
  • directly conduct research
  • expenditure requirements
  • work in conjunction with hospitals
snapshot of medical research organizations...

• today, approximately 200 institutions
• largest 44, expend $2+ billion annually and employ 16,000 employees
medical research donor profiles

university/institute/agency foundation contributors
• resources invested and managed by third parties

private foundation founders
• establish institution/endowment
• define the programs/problems
• grants to third parties

medical research organization founders
• establish institution/endowment
• define programs/problems
• direct conduct of research
private foundations

BILL & MELINDA GATES foundation

medical research organizations

STOWERS INSTITUTE FOR MEDICAL RESEARCH

Van Andel Institute®

hhmi
Howard Hughes Medical Institute

private foundations and medical research organizations

ALLEN INSTITUTE for BRAIN SCIENCE
Fueling Discovery

THE PAUL G. ALLEN FAMILY FOUNDATION
ONE SIZE DOES NOT FIT ALL
PHILANTHROPISTS ARE BORN, NOT MADE
Generational Wealth Transfer
2010-2060
$75-91 trillion
(2010 inflation adjusted dollars)
Source: Rural Policy Research Institute, Boston College, Accenture
NEW TOOLS, ADDITIVE OPTIONS
agricultural research organizations
agricultural research organizations

- 501(c)(3), charitable organizations
- operational requirements:
  - directly conduct research
  - expenditure requirements
  - work in conjunction with agricultural colleges and universities
agricultural research organizations

- requires modification of the U.S. tax code
  - senate finance committee
  - house ways & means committee
- introduced in the 112th and 113th congresses
- bipartisan, bicameral support
agricultural research organizations

university support:

- Association of Public and Land-grant Universities (APLU)
- California Polytechnic State University, San Luis Obispo
- California State University, Fresno
- Clemson University
- Cornell University
- Iowa State University
- Michigan State University
- North Dakota State University
- Oklahoma State University

- Oregon State University
- Texas A&M University
- The Ohio State University
- University of Arizona
- University of California System
- University of Florida
- University of Kentucky
- University of Maryland
- University of Minnesota
- Washington State University
agricultural research organizations

sector support:

- American Farm Bureau Federation
- American Farmers & Ranchers
- American Honey Producers Association
- American Seed Trade Association
- American Sheep Industry Association
- American Society of Agronomy
- American Society for Horticulture Science
- American Soybean Association
- American Veterinary Medical Association
- Biotechnology Industry Organization
- California Blueberry Commission
- California Cattlemen’s Association
- California Citrus Mutual
- CropLife America
- Crop Science Society of America
- National Association of Wheat Growers
- National Cattlemen’s Beef Association
- National Chicken Council
- National Coalition for Food and Agricultural Research (National C-FAR)
- National Com Growers Association
- National Cotton Council
- National Council of Farmers Cooperatives
- National Farmers Union
- National Grain and Feed Association
- National Greenhouse Manufacturers Association
- National Milk Producers Federation
- National Turkey Federation
- Oklahoma Farm Bureau Federation
- Olive Growers Council of California
- Poultry Science Association
- Soil Science Society of America
- Texas Farm Bureau Federation
- Tulare County Farm Bureau Federation
- United Egg Producers
- United Fresh Fruit and Vegetable Association
- U.S. Apple Association
- U.S. Cattlemen Association
- USA Rice Federation
- Western Growers Association
- Western United Dairymen
agricultural research organizations

• next steps
• active voices are needed
• for additional information, contact sprhines@noble.org