

Foundation for Food and Agriculture Research

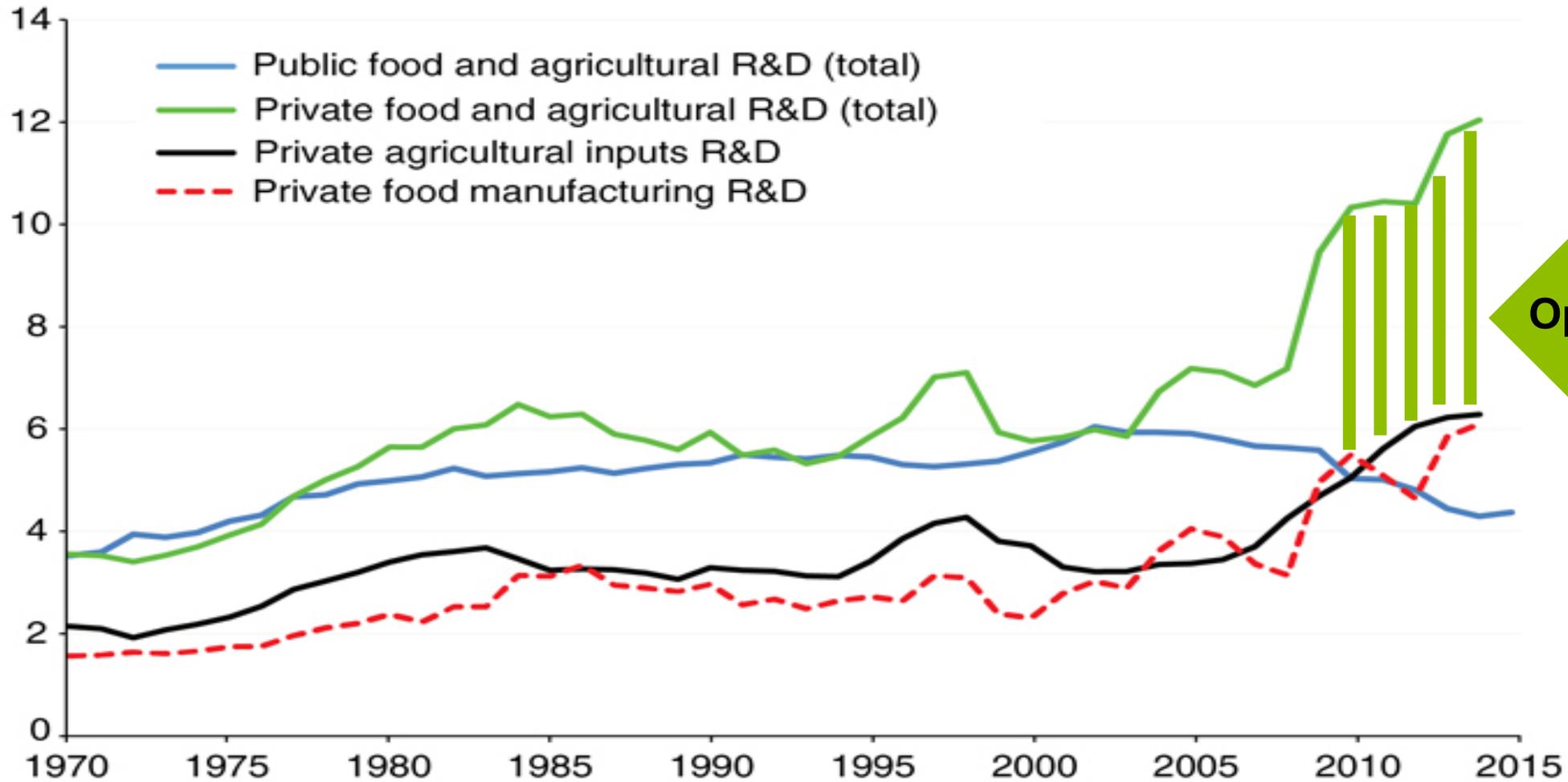
Dr. Jeff Rosichan, Scientific Program Director

Turfgrass Convening Event | October 20, 2020



Agricultural research and development (R&D) funding in the United States, 1970–2015

\$ billion (2013 dollars)



Note: Data are adjusted for inflation and expressed in 2013 dollars.

Sources: USDA, Economic Research Service using data from the National Science Foundation, USDA's Current Research Information System, and various private sector data sources.

New Opportunities for Agricultural Research Funding

Stagnant Federal funding and
increased private research
investments has led to new
funding models and
opportunities



FFAR Mission

We build unique partnerships to support innovative science addressing today's food and agriculture challenges.



A scenic landscape at sunset. The sky is filled with dramatic, colorful clouds in shades of orange, yellow, and blue. In the foreground, a lush green field is dotted with numerous round hay bales. In the middle ground, a dense forest of green trees covers a rolling hill. To the right, a large, weathered barn with a blue roof is visible. The overall atmosphere is peaceful and rural.

OUR VISION

We envision a world in which ever-innovating and collaborative science provides every person access to affordable, nutritious food grown on thriving farms.



How We Work



Private-Public Partnerships

We build unique partnerships to support innovative science addressing today's food and agriculture challenges.

\$385M + **\$385M**

FFAR
Investment

Non-Federal
Match

“ The model of **public private partnership** is a really important space that wasn't previously filled in the US [food and agriculture] R&D world before FFAR. ”

-FFAR Stakeholder

The FFAR Paradigm

- **Creates novel research partnerships**
- **Works nimbly** to efficiently address emerging issues
- **Leverages public dollars** with private dollars to expand research impact
- **Fills research gaps** to support farms, reduce food insecurity and improve health



FFAR Grants by the Numbers

130+ grants awarded

1:1.34 matching ratio

\$219M funding awarded or in the pipeline

Industry and Foundation

Partners Include:



Over 400 distinct funding partners!

Grand Challenges in Ag

Feeding the
World



Competing
Resources



Changing
Climate



Environmental
Stewardship



Improving Health
& Nutrition



FFAR CHALLENGE AREAS



Next
Generation
Crops



Advanced
Animal
Systems



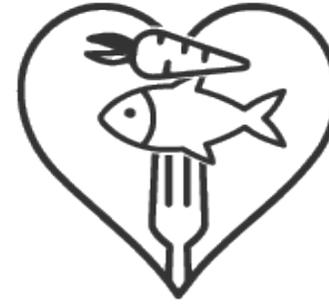
Urban
Food
Systems



Soil
Health



Sustainable
Water
Management



Health-
Agriculture
Nexus

Thriving Farms

Environmental Resilience

Wellbeing

FFAR Funding Models

FFAR may award funds in four ways:

- Competitive Grants
- Direct Awards
- Prizes
- Consortia

FFAR Consortia

Consortium for Innovation
in Post-Harvest Loss and
Food Waste Reduction



Ecosystem Services Market
Research Consortium



IRRIGATION INNOVATION
CONSORTIUM
A FFAR COLLABORATIVE



How quickly can science make a difference?

A wide-angle photograph of a rural landscape at sunset. The foreground is dominated by a field of harvested crops, likely wheat or corn, with several large, round hay bales scattered across it. The sky is filled with dramatic, golden light from the setting sun, creating a warm and atmospheric scene. The horizon is visible in the distance, with a few trees and a small structure on the right.

On average, public agricultural research undertaken today will begin to noticeably influence agricultural productivity in as little as **2 years** and its impact could be felt for as long as 30 years.

Thank You

Dr. Jeff Rosichan

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Connect with FFAR

www.foundationfar.org



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