



## Session II Pitch: Building a Sustainable Food System that Supplies Healthy Food

### **Building Unique Partnerships to Support Innovative Science Addressing Today's Food Systems Challenges**

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The Foundation for Food & Agriculture Research (FFAR) builds public-private partnerships to fund bold research addressing big food and agriculture challenges. FFAR was established in the 2014 Farm Bill to increase public agriculture research investments, fill knowledge gaps and complement the United States Department of Agriculture (USDA) research agenda. Through collaboration and partnerships, FFAR advances actionable science benefiting farmers, consumers, and the environment. FFAR connects funders, researchers and farmers to pioneer the next frontier of agriculture innovation to provide every person access to affordable, nutritious food grown on thriving farms.

FFAR pioneers research in six different Challenge Areas and AgMission: Soil Health, Sustainable Water Management, Next Generation Crops, Advanced Animal Systems, Urban Food Systems, and Health-Agriculture Nexus.

Urban Food Systems and Health-Agriculture Nexus uses systems-level approaches to address food system inefficiencies, reduce food insecurity and improve human health. Projects such as the Precision Indoor Plants (PIP) is exploring how to adapt plants to indoor environments to grow flavorful, nutritious, and resource-efficient crops in a variety of environments by providing economic development for its community. The Harvest for Health Initiative accelerates the development of underutilized crops to increase biodiversity and the diversity of food in the food system, contribute to new nutritious foods, and safeguard agriculture by increasing climate resiliency and boosting farmer livelihoods — especially small- and mid-sized farmers. The Protective Power of Food Initiative investigates known and unknown nutritional components in food and their ability to mitigate damages in children caused by environmental toxins.

FFAR: Bold science for big challenges