



National Institute of Food and Agriculture
U.S. DEPARTMENT OF AGRICULTURE

FEEDING PEOPLE, FUELING PROGRESS

USDA NIFA

Update

IR4 Food Use Workshop Sept 10, 2024

[NIFA.USDA.GOV](https://nifa.usda.gov)

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NIFA Priorities

Implementing the Administration's priorities

- USDA Science and Research Strategy

Driving federal efforts to advance agriculture-related sciences

- Leading innovation in research, teaching and Extension
- Partnering with stakeholders to deliver comprehensive program leadership and meet goals outlined in our Strategic Plan

Five USDA science priorities are:

1. Accelerating Innovative Technologies & Practices
2. Driving Climate-Smart Solutions
3. Bolstering Nutrition Security & Health
4. Cultivating Resilient Ecosystems
5. Translating Research into Action

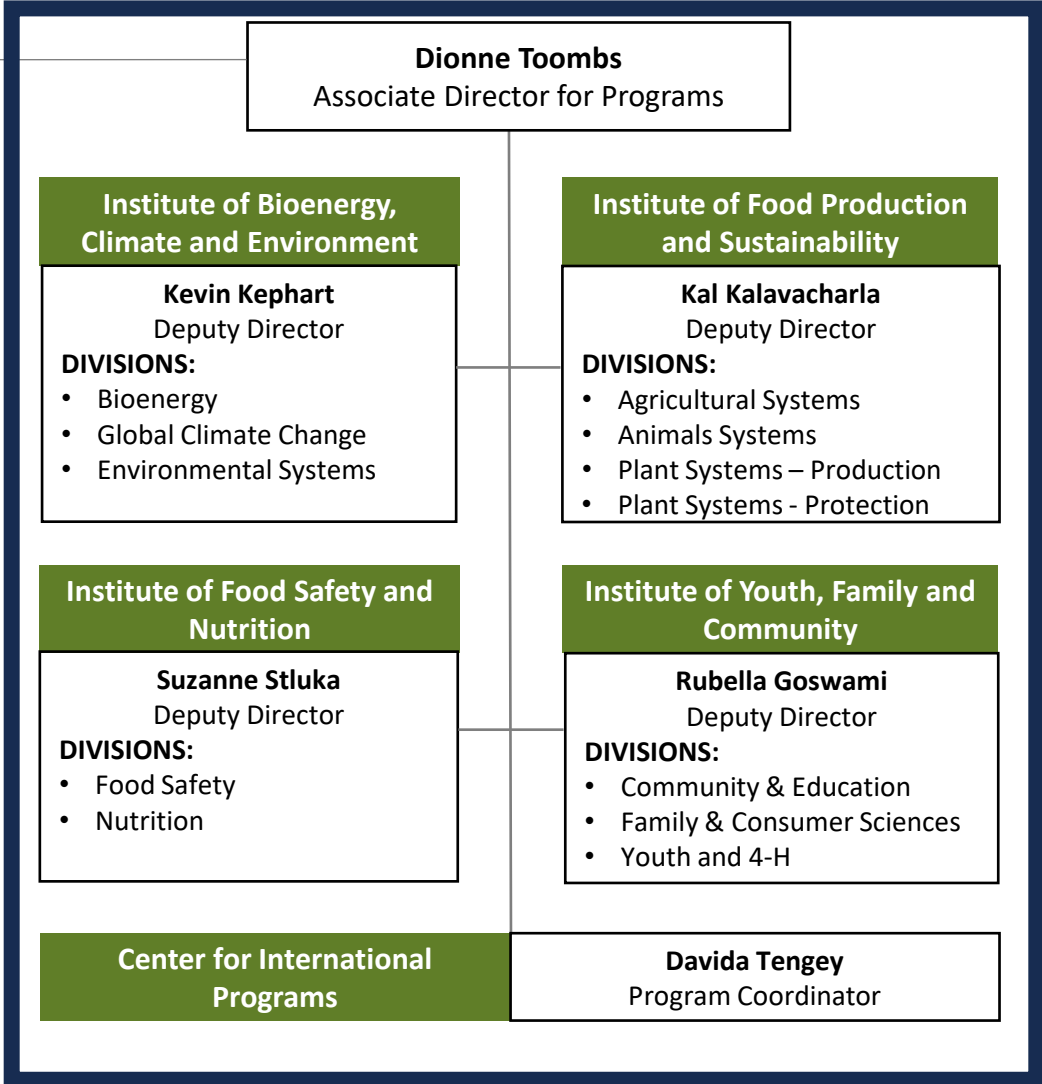
Supporting partners in addressing critical needs



HOW IS NIFA STRUCTURED



INCREASED WORKFORCE
to more than
390 PROFESSIONALS
in FY2024





USDA Personnel Update

Research, Education and Economics (REE) Mission Area:

- Chavonda Jacobs-Young, Under Secretary
- Sanah Baig, Deputy Under Secretary

NIFA:

- Manjit Misra, NIFA Director (May 2023)
- Dionne Toombs, Associate Director of Programs
- Drenda Williams, Associate Director of Operations
- Brent Elrod, Science Programs Analysis Officer
- Venu (Kal) Kalavacharla, Deputy Director, IFPS
- Josh Stull, Stakeholder Affairs Officer
- Gary Mayo, Legislative Affairs Officer



Ongoing efforts

- Grants Modernization Initiative - Continuing our analysis and customization of the eRA tool -
 - Potential to pilot a small number of programs beginning in FY 2025
 - No changes to our reporting systems. Users should continue using REEport and NRS to submit the required reports.
- Technical Assistance webinars for majority of programs after RFA release
- Application status dashboard (beta version online); RFA calendar and other tools



Grant funding dashboard



- The **NIFA Grant Funding Dashboard** allows users to pull information on funding investments by research program and grant type, congressional district, recipient type, and other focused searches.
- **NIFA Application Status Dashboard**, enables users to quickly check the status of their application using their assigned Grants.gov tracking number.





IPM Centers - Equity and Accessibility Grants



Developing and Sharing Approaches to DEIA Improvements for Invasive Species Outreach

– Michelle Beloskur, Midwest Invasive Plant Network (Morton Arb.) - IL

Integrated Pest Management Beekeeping Education for Incarcerated Persons in Correctional Facilities

– Katie Lee, University of Minnesota

Healthy Urban Gardening

- Brent Crain, Michigan State University

Development of a Novel 'Trap Solution' Using Extracts from Mustard Trap Crop Varieties for the Management of the Harlequin Bug on Crucifers

Beatrice Dingha, North Carolina A&T State University

<https://www.ncipmc.org/grants/apply-funding/#grants>; <https://www.ipmcenters.org/research/funding/deia/>

If you have any questions or would like to discuss your ideas for this grant prior to applying, please contact NCIPM Center DEIA Director, Dr. Katie Hartmann: hartm783@umn.edu



United States
Department of
Agriculture

National Institute
of Food and
Agriculture

<https://nifa.usda.gov/grants>

Selected Plant-Related Competitive Programs (FY 2024)

Agriculture and Food Research Initiative (AFRI)- Foundational and Applied Science Program <https://www.nifa.usda.gov/funding-opportunity/agriculture-and-food-research-initiative-foundational-applied-science-program>

A1102: Foundational Knowledge of Agricultural Production Systems

Contact: mathieu.ngouajio@usda.gov

A1103: Foundational Knowledge of Plant Products Contact:

vance.owens@usda.gov;

A1112: Pests & Beneficial Species in Agricultural Production Systems

Contact: emmanuel.byamukama@usda.gov

A1113: Pollinator Health: Research and Application

Contact erica.kistnerthomas@usda.gov

A1141: Plant Breeding for Agricultural Production

Contact christian.tobias@usda.gov

A1143: Conventional Plant Breeding for Cultivar Development

Contact christian.tobias@usda.gov

A1152: Physiology of Agricultural Plants Contact john.erickson@usda.gov

A1181: Agricultural Biosecurity Contact amer.fayad@usda.gov

A1402: Agricultural Microbiomes in Plant Systems and Natural Resources

Contact Sandeep.kumar@usda.gov

A1541: Data Science for Food and Agricultural Systems (DSFAS)

Contact: NIFA-DSFAS@usda.gov

A1701: Critical Agriculture Research & Extension Contact

james.dobrowolski@usda.gov

A1171: Plant Biotic Interactions Contact amer.fayad@usda.gov (with NSF)

<https://www.nifa.usda.gov/grants/funding-opportunities/nsf-nifa-plant-biotic-interactions-program>

A9201: Sustainable Agricultural Systems Contact: afri-sas@nifa.usda.gov

<https://www.nifa.usda.gov/grants/programs/agriculture-food-research-initiative-afri/afri-sustainable-agricultural-systems>

Agriculture and Food Research Initiative (AFRI)- Education and Workforce Development <https://www.nifa.usda.gov/grants/funding-opportunities/agriculture-food-research-initiative-education-workforce-development>

A7101 Pre-doctoral Fellowships Contact: nifafellows@usda.gov

A7201: Post Doctoral Fellowships Contact: nifafellows@usda.gov

A7401: Research and Extension Experiences for Undergraduates (REEU)

Contact: michelle.schelske-santos@usda.gov

A7501: Professional Development for Agricultural Literacy [formerly PD-STEP] Contact: kellyann.jonesjamtgaard@usda.gov

Non-AFRI Programs

Crop Protection and Pest Management (CPPM) Contact: vijay.nandula@usda.gov

<https://nifa.usda.gov/program/crop-protection-and-pest-management-program>

Organic Transitions (ORG) Contact: mathieu.ngouajio@usda.gov;

<https://nifa.usda.gov/funding-opportunity/organic-transitions-org>

Organic Agriculture Research and Extension Initiative (OREI)

<https://nifa.usda.gov/funding-opportunity/organic-agriculture-research-and-extension-initiative> Contact: mathieu.ngouajio@usda.gov; steven.i.smith@usda.gov

Minor Crop Pest Management Program Interregional Research Project #4 (IR-4)

<https://nifa.usda.gov/funding-opportunity/minor-crop-pest-management-program-interregional-research-project-4-ir-4>; <https://www.ir4project.org/>

Contact: rubella.Goswami@usda.gov

Methyl Bromide Transition (MBT) Contact: amer.fayad@usda.gov

<https://nifa.usda.gov/funding-opportunity/methyl-bromide-transition>

Sustainable Agriculture Research and Education (SARE)

<https://nifa.usda.gov/funding-opportunity/sare-regional-host-institution>; www.SARE.org

Contact: vance.owens@usda.gov

Specialty Crop Research Initiative (SCRI) Contact: tbewick@usda.gov

<https://nifa.usda.gov/funding-opportunity/specialty-crop-research-initiative-scri>

Supplemental and Alternative Crops (SACC)

<https://nifa.usda.gov/funding-opportunity/supplemental-and-alternative-crops-sacc>

Contact: bisoondat.macoon@usda.gov

Emergency Citrus Disease Research & Extension (ECDRE)

<https://www.nifa.usda.gov/grants/programs/emergency-citrus-disease-research-extension-program> Contact: erica.kistner-thomas@usda.gov

Alfalfa Seed and Alfalfa Forage System Program (ASAFS)

<https://www.nifa.usda.gov/grants/funding-opportunities/alfalfa-seed-alfalfa-forage-system-program> Contact: bisoondat.macoon@usda.gov

<https://nifa.usda.gov/funding-opportunity/alfalfa-and-forage-research-program>

Biotechnology Risk Assessment Research Grants Program (BRAG)

<https://nifa.usda.gov/funding-opportunity/biotechnology-risk-assessment-research-grants-program-brag> Contact: john.erickson@usda.gov

<https://nifa.usda.gov/funding-opportunity/biotechnology-risk-assessment-research-grants-program-brag> Contact: john.erickson@usda.gov

Agricultural Genome to Phenome Initiative Contact: Christian.tobias@usda.gov

<https://www.nifa.usda.gov/grants/funding-opportunities/agricultural-genome-phenome-initiative>

Future Proofing Plants to a Changing Climate Contact: john.erickson@usda.gov

<https://www.nifa.usda.gov/grants/programs/future-proofing-plants-changing-climate>

Small Business Innovation Research (SBIR) Contact: david.songstad@usda.gov

<https://nifa.usda.gov/program/small-business-innovation-research-program-sbir>

Budget (FY 2024)

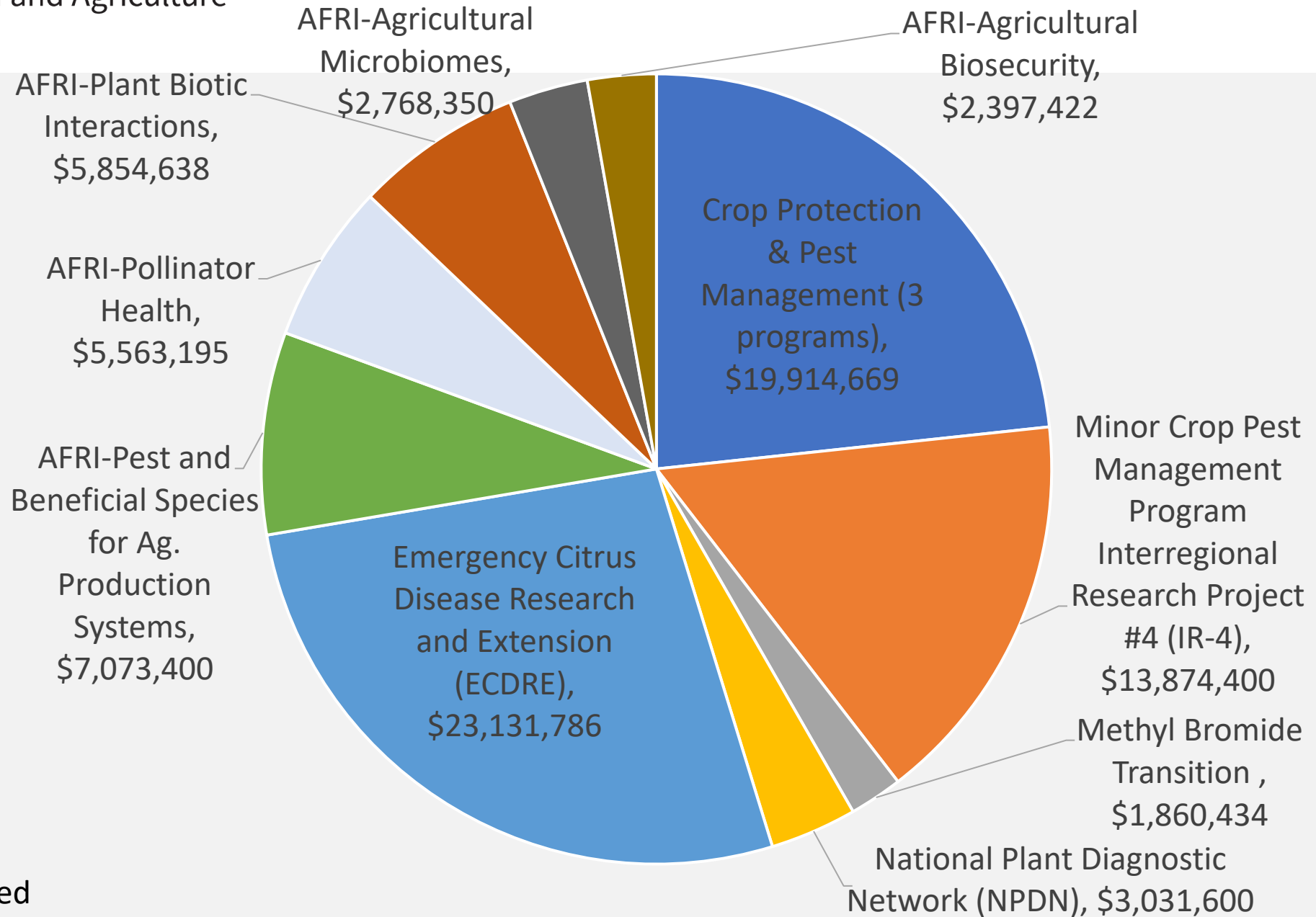
Total Appropriations for FY2024 – 1.95B (1.84B payment to states)

- Agriculture and Food Research Initiative Grants – AFRI - \$445.2 (\$407.6M)
- Minor Crop Pest Management, IR-4 - \$15M (\$13.87M)
- Crop Protection Pest Management Program - CPPM - \$21M (19.91M)
- National Plant Diagnostic Network (Part of FADI) - \$3.16M (\$3.03M)
- Emergency Citrus Disease Research and Development – ECDRE - \$25M (\$23.13M)
- Methyl Bromide Transition Program – MBT-\$2M (\$1.86M)
- Organic Agricultural Research and Extension Initiative – OREI- \$50M (\$44.2M)
- Specialty Crops Research Initiative – SCRI - \$80M (\$70.48M)
- Sustainable Agriculture Research and Education- SARE- \$48M (\$45.02M)
- Biotech Risk Assessment Grants Program – BRAG- \$1.31M
- Beginning Farmer and Rancher Program – BFRDP - \$25M (\$22.3M)



Funding for Plant Protection Programs* in FY 2023

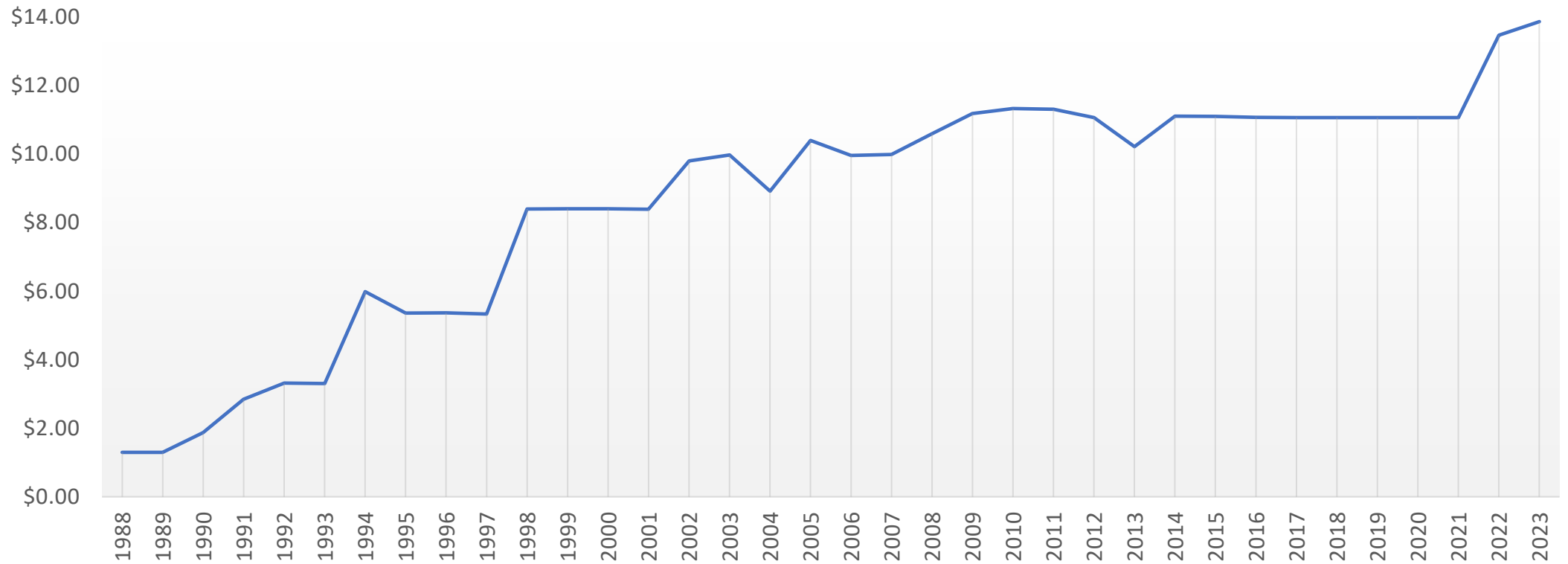
Total Payment to States - \$85.5M



*SBIR & Fellowships not included



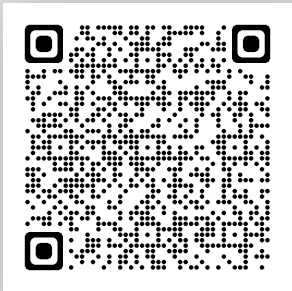
IR-4 Funding 1988 - 2023 (Millions of US Dollars)



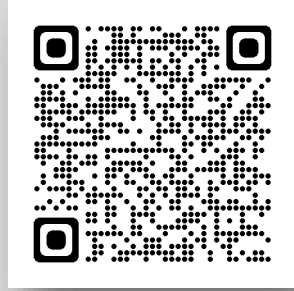
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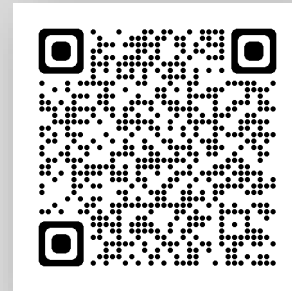
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our programs



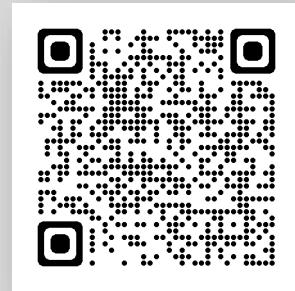
Bookmark
the RFA schedule



Participate
as panel reviewer

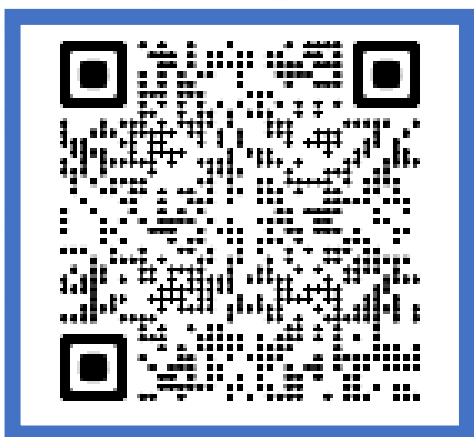


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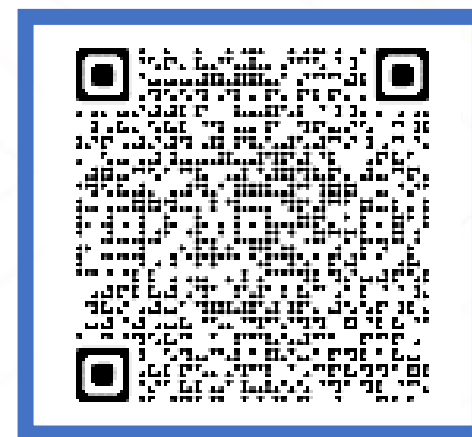
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Institutes/Divisions/NPLs:



(www.nifa.usda.gov/institutes)

National Program Leaders for Non-
AFRI programs:
NPLs for Non-AFRI Programs:



(www.nifa.usda.gov/national-program-leaders)

Comments or Questions?

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