





AGENDA

7:00 – 7:05 AM	Welcome - Diane Stadler, PhD, RD, Chair, ANDP
7:05 – 7:15 AM	ASN President's Message – Martha Belury, PhD, RDN, President, ASN
7:15 – 7:45 AM	Update from the National Institute of Food and Agriculture Sheila Fleischhacker, PhD, JD, RDN, National Science Liaison, Nutrition and Food Safety
7:45 – 8:00 AM	Update from the Office of the Chief Scientist Deirdra N. Chester, PhD, RDN, Director
8:00 – 8:30 AM	Update from the Office of Nutrition Research Nicholas J. Jury, PhD, Director of Legislative Affairs and Policy
8:30 – 8:55 AM	ANDP Goals for the Year - Diane Stadler, PhD, RD, Chair, ANDP
8:55 – 9:00 AM	Wrap Up – Diane Stadler, PhD, RD, Chair, ANDP





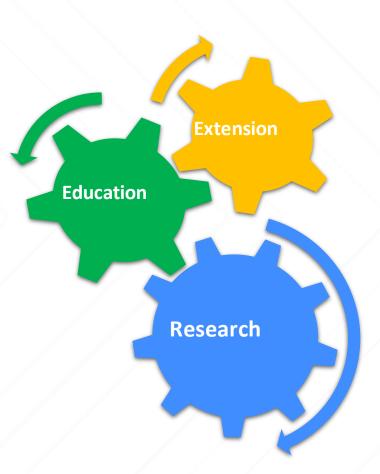
Non-Discrimination Statement

https://www.usda.gov/non-discrimination-statement

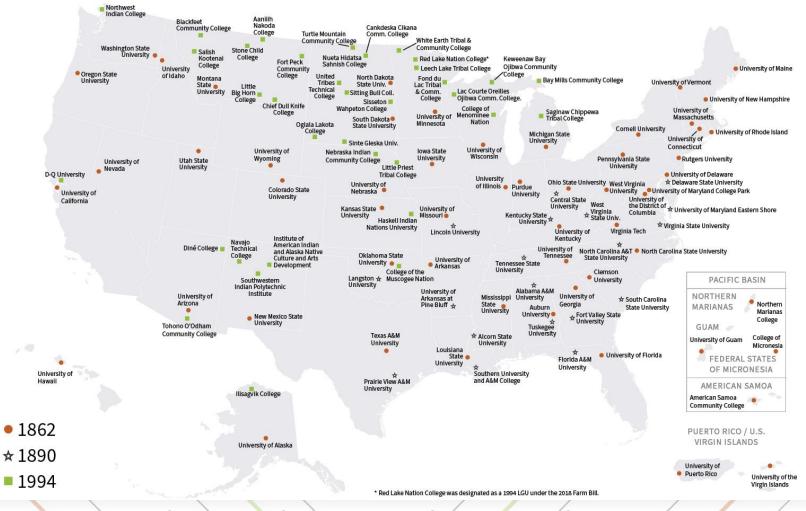
- In accordance with federal civil rights law and U.S. Department of Agriculture (USDA) civil rights regulations and policies, the USDA, its Agencies, offices, and employees, and institutions participating in or administering USDA programs, are prohibited from discriminating based on race, color, national origin, religion, sex, gender identity (including gender expression), sexual orientation, disability, age, marital status, family/parental status, income derived from a public assistance program, political beliefs, or reprisal or retaliation for prior civil rights activity, in any program or activity conducted or funded by USDA (not all bases apply to all programs). Remedies and complaint filing deadlines vary by program or incident.
- Persons with disabilities who require alternative means of communication for program information (e.g., Braille, large print, audiotape, American Sign Language, etc.) should contact the responsible agency or USDA's TARGET Center at (202) 720-2600 (voice and TTY) or contact USDA through the Federal Relay Service at (800) 877-8339. Additionally, program information may be made available in languages other than English.
- To file a program discrimination complaint, complete the USDA Program Discrimination Complaint Form, AD-3027, found online at How to File a Program Discrimination Complaint and at any USDA office or write a letter addressed to USDA and provide in the letter all of the information requested in the form. To request a copy of the complaint form, call (866) 632-9992. Submit your completed form or letter to USDA by: (1) mail: U.S. Department of Agriculture, Office of the Assistant Secretary for Civil Rights, 1400 Independence Avenue, SW, Washington, D.C. 20250-9410; (2) fax (202) 690-7442; or (3) email: program.intake@usda.gov.
- USDA is an equal opportunity provider, employer and lender.

NIFA Overview

- National Institute of Food and Agriculture (NIFA) is the extramural science-funding agency within USDA's Research, Education and Economics mission area.
- NIFA invests in and supports initiatives that ensure the long-term viability of agriculture.
- NIFA provides funding and strategic leadership for programs that ensure groundbreaking discoveries in agriculture-related sciences and technologies reach the people who can put them into practice.



Snapshot of the Land-grant University System



New NIFA Director – Dr. Manjit Misra

- World-renowned scientist
- Former director of the Seed Science Center at Iowa State University, a position he held from 1991 to 2023
- Endowed Chair of Seed Science, Technology and Systems.
- 2018 recipient of the Sukup Global Food Security Award
- Past chair of the National Genetic Resources Advisory Council with the USDA
- Author or coauthor of 137 publications
- Co-inventor on 10 patents
- Sworn in to a six-year appointment on May 8, 2023.

White House Conference on Hunger, Nutrition, and Health







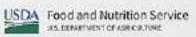


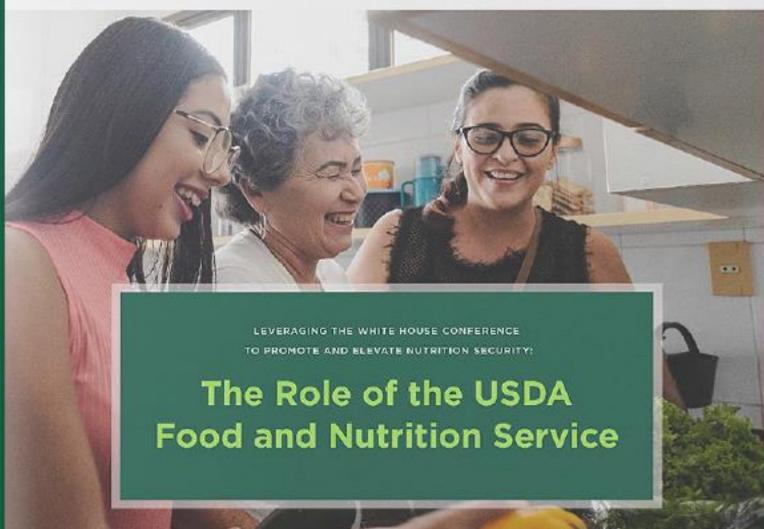






1 in 4 Americans is served by USDA's nutrition assistance programs







Equity Accomplishments

- Reducing barriers to USDA programs
- Partnering with trusted technical assistance providers
- Directing USDA programs to those who need them the most
- Expanding equitable access to USDA nutrition assistance programs
- Advancing equity in Federal procurement
- Updating Federal trust and treaty responsibilities to Indian Tribes
- Committing unwaveringly to civil rights
- Operating with transparency and accountability

Nutrition security:

Consistent and equitable access to healthy, safe, and affordable foods essential to optimal health and well-being











USDA's Four-Pillar Approach

Meaningful Support



Healthy Food



Collaborative Action



Equitable Systems



Uniquely positioned to impact food and nutrition security

- Nutrition assistance programs
- Dietary Guidelines and MyPlate
- Nutrition education and promotion
- Other USDA equities



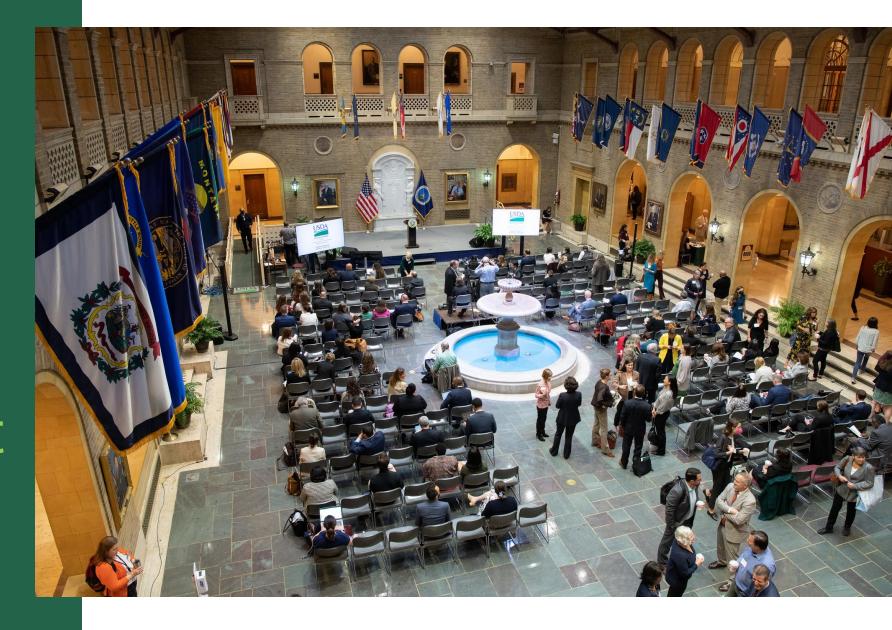
Improving dietary intake is critical



NOTE: HEI-2015 total scores are out of 100 possible points. A score of 100 indicates that recommendations on average were met or exceeded. A higher total score indicates a higher quality diet.

Data Source: Analysis of What We Eat in America, NHANES 2015-2016, ages 2 and older, day 1 dietary intake data, weighted.

Goal:
Encourage
action and
engagement



Food Systems **Transformation**







IFSN Staff

Suzanne Stluka

Shoushan "Steve" Zeng

Sheila Fleischhacker

Eddie Brown

Keeva Shepherd

Glenda Bethea (not pictured)



Pascale Jean

Carinthia Cherry

Briana Burke

Colin Edwards

Donna Fairhurst

Ryan Kornegay

Yamilis Ocasio













Helen Chipman

Lydia Kaume

Mallory Koenings

Jodi Williams



















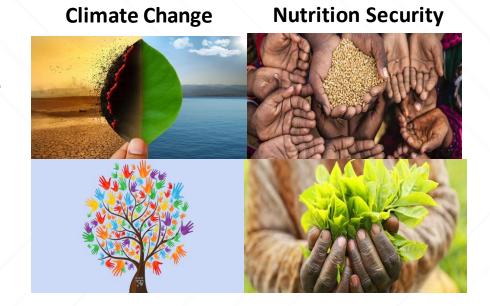






NIFA's Cross Priority Approach

- Address knowledge gaps and opportunities
- Spur innovation and accelerating change
- Empower individuals and communities
- Support synergies across diverse priorities



Diversity, Equity, Inclusion & Accessibility (DEIA)

Market Opportunities Workforce Development

NIFA Food & Nutrition Security Relevant Funding

Primary:

- Expanded Food and Nutrition Education Program (EFNEP)
- Gus Schumacher Nutrition Incentive Program (GusNIP)
- Food and Agriculture Service-Learning Program (FASLP)
- Community Food Projects (CFP)
- Agricultural and Food Research Initiative (AFRI) competitive grants program, priority area, A1344 Diet, Nutrition and the Prevention of Chronic Diseases

Additional:

- AFRI priority areas A1641 Economics, Markets, and Trade, A1103 Foundational Knowledge of Plant Products, A9211 Sustainable Agricultural Systems, A1712 Rapid Response to Extreme Weather Events Across Food and Agriculture Systems, & Center for Research, Behavioral Economics, and Extension on Food Loss & Waste, A1741
- Federally-Recognized Tribes Extension Program (FRTEP)
- Hispanic-Serving Institutions Education Grants Program (HSI)
- Sustainable Agriculture Research and Education (SARE) Program
- Beginning Farmer and Rancher Development Program (BFRDP)
- Enhancing Agricultural Opportunities for Military Veterans (AgVets)
- Master Gardener, Master Health & Master Food Preserver Programs

- Small Business Innovation Research (SBIR)
- 4-H Youth Development Program
- Children, Youth and Families at Risk (CYFAR)
- CYFAR 4-H Military Partnership Professional Development & Technical Assistance (CMPC-PDTA)
- 1890 Land-Grant Institution Programs
- National Center for Home Preservation
- New Technologies for Ag Extension (NTAE)
- Regional Rural Development
- Rural Health & Safety Education

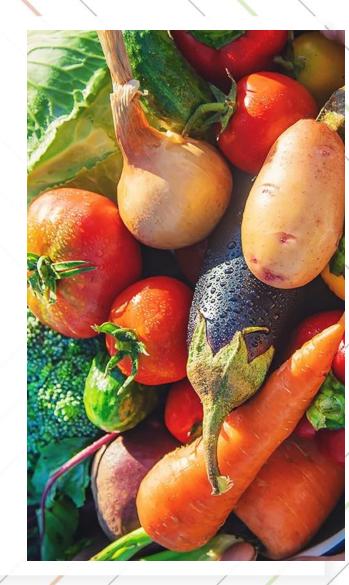
https://www.nifa.usda.gov/topics/food-nutrition-security

NIFA Nutrition Security Webinar Series

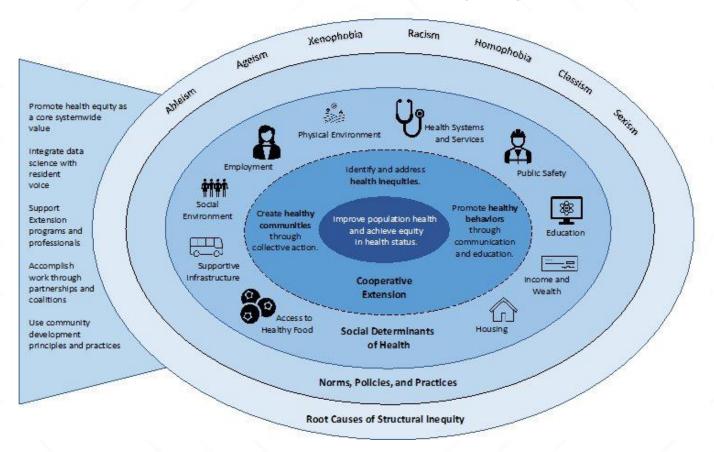
Selected editions include:

- Food Loss and Waste
- 1890s Center of Excellence on Nutrition & Health
- GusNIP Overview
- Cooperative Extension's National Framework for Health Equity and Well-Being
- Strengthening our Intersections between Climate Change, Food
 Systems, and Nutrition Security
- Prioritizing Nutrition Security: Emerging Approaches in Research and Practice
- NIFA Elevates Youth and Families

https://nifa.usda.gov/program/nifa-nutrition-security-webinar-series



Cooperative Extension's National Framework for Health Equity and Well-Being

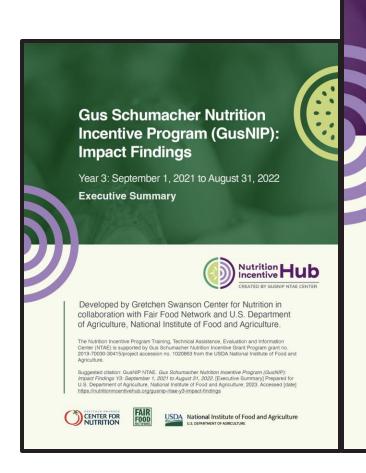


Support a diverse WIC workforce



Year 3 Impact Findings Report & Executive Summary





Gus Schumacher Nutrition Incentive Program (GusNIP): Impact Findings

Impact Findings

Year 3: September 1, 2021 to August 31, 2022



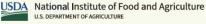
Developed by Gretchen Swanson Center for Nutrition in collaboration with Fair Food Network and U.S. Department of Agriculture, National Institute of Food and Agriculture.

The Nutrition Incentive Program Training, Technical Assistance, Evaluation and Information Center (NTAE) is supported by Gus Schumacher Nutrition Incentive Grant Program grant no. 2019-70030-30415/project accession no. 1020863 from the USDA National Institute of Food and Agriculture.

Suggested citation: GusNIP NTAE. Gus Schumacher Nutrition Incentive Program (GusNIP): Impact Findings Y3: September 1, 2021 to August 31, 2022. Prepared for U.S. Department of Agriculture, National Institute of Food and Agriculture; 2023. Accessed [date] https://nutritionincentivehub.org/gusnip-ntae-y3-impact-findings









Expanded Food and Nutrition Education Program (EFNEP)













- > EFNEP Where You Live: Partner Website:
- > Impacts And Reporting: National EFNER Reports
- > EFNEP-Related Research
- > Program Procedures And Guidelines
- > Program Policies
- > Grants Management: RFAs, WebNEERS, Program Planning, Evaluation, And
- Submission Requirements > Program Development
- > Staff Development And Training
- > Partners And Contacts
- > Supplemental Nutrition Education

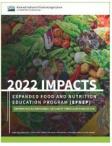
Program - Education (SNAP-ED)

Nutrition insecurity is a significant national health concern, especially among low-income populations that disproportionately experience poor health. Often associated with food insecurity, nutrition insecurity is characterized by poor nutrition, limited physical activity, and unsafe food practices.

The Expanded Food and Nutrition Education Program (EFNEP) is the nation's first nutrition education nutrition insecurity of low-income families and youth today

EFNEP is a Federal Extension (community outreach) program that currently operates through the 1862 and 1890 Land-Grant Universities (LGUs) in every state, the District of Columbia, and the six U.S. territories - American Samoa, Guam, Micronesia, Northern Marianas, Puerto Rico, and the Virgin Islands. Funded by the U.S. Department of Agriculture, National Institute of Food and Agriculture (USDA/NIFA). EFNEP uses education to support participants' efforts toward self-sufficiency, nutritional health, and well being. EENEP combines hands-on learning, applied science, and program data to ensure program effectiveness, efficiency, and accountability.

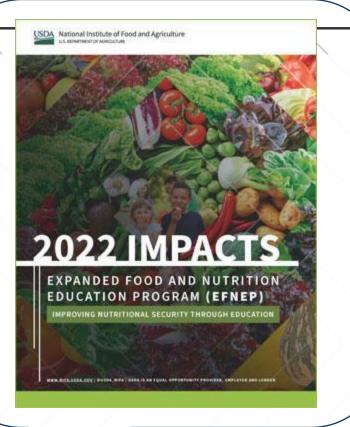
Routinely, 80 percent or more EFNEP families report living at or below 100 percent of poverty, and nearly 70 percent indicate being of minority status. This is important because chronic disease and poor health disproportionately affects minority and low-income audiences. Annual data confirms graduates: improve their diets, improve their nutrition practices, stretch their food dollars farther, handle food more safely and increase their physical activity levels



EFNEP News: EFNEP Changing Lives | National Institute of Food and Agriculture

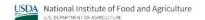
For More Information About EFNEP

Visit About EFNEP to learn more about EFNEP's reach, focus, impact, and initiatives underway and to find links to state and local programs, EFNEP



https://www.nifa.usda.gov/efnep-impact-report-2022

Expanded Food and Nutrition Education Program (EFNEP) | National Institute of Food and Agriculture (usda.gov)





NIFA CLIMATE ADAPTATION & RESILIENCE PLAN

MAY 04, 2022

REE-NIFA: Megan O'Rourke, Ari Caramanica, Jim Dobrowolski, Sheila Fleischhacker, Amy Ganguli, Linsey Haram, Lydia Kaume, Erica Kistner-Thomas, Summer LaRose, Patrick Martin, Hannah Moshay, Nurun Nahar, Suzanne Stluka, Adam Wilke Concrete actions that NIFA will take in the near term to address climate challenges, as well as aspirational goals for the future

https://www.nifa.usda.gov/grants/programs/climate-change-adaptation-mitigation-resilience/nifa-climate-change-adaptation-resilience-plan

NIFA Nutrition & Food Systems Relevant Funding

- Agriculture and Food Research Initiative (AFRI)
 - Plant Breeding for Agricultural Production, A1141
 - Food and Human Health, A1343
 - USDA Climate Hubs Partnership, A1721
 - Sustainable Agricultural Systems, A9201
 - Rapid Response to Extreme Weather Events Across Food and Agriculture Systems, A1712
 - Foundational Knowledge of Plant Products, A1103
 - Novel Foods and Innovative Manufacturing Technologies, A1364
 - Center for Research, Behavioral Economics, and Extension on Food Loss & Waste, A1741
- Specialty Crop Research Initiative
- Organic Research and Extension Initiative
- Small Business Innovation Research 8.5
- Sustainable Agriculture Research and Education (SARE)
- Food Safety Outreach Program

Questions?

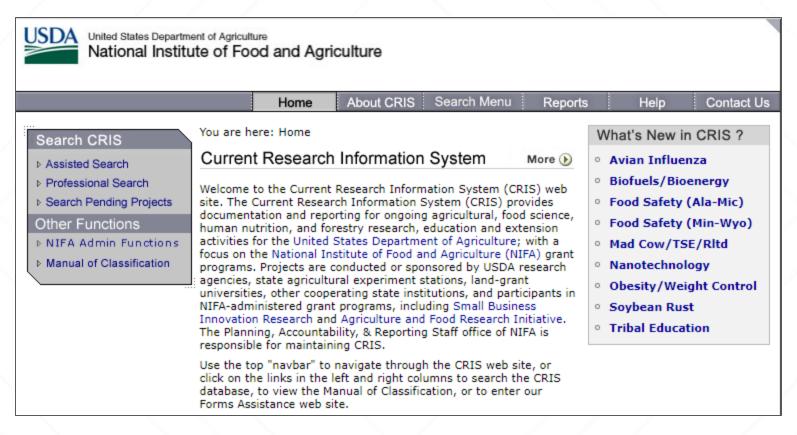
Please contact the National Program Leaders noted earlier specific to the program area you are interested in applying.

NIFA Organizational Chart - https://www.nifa.usda.gov/nifa-organizational-chart

Upcoming Events

- NIFA Events Calendar for upcoming deadlines, meetings and webinars: nifa.usda.gov/events
- Upcoming Request for Applications (RFA) release calendar: <u>nifa.usda.gov/upcoming-rfa-calendar</u>
- Current NIFA Funding Opportunities AFRI RFA: https://www.nifa.usda.gov/sites/default/files/2023-02/FY23-AFRI-FAS-RFA-508_0.pdf

Use CRIS to Find Funded Awards



https://cris.nifa.usda.gov/

Grant Resources

- Funding Opportunities: <u>nifa.usda.gov/grants/funding-opportunities</u>
- Competitive Grants Flowchart: <u>nifa.usda.gov/competitive-grants</u>
- NIFA Grant Resources: <u>nifa.usda.gov/grant-training</u>
- NIFA Policy Guide: nifa.usda.gov/policy-guide
- Indirect Costs: <u>nifa.usda.gov/indirect-costs</u>
- A Guide for Preparation and Submission of NIFA Applications via Grants.gov:
 apply07.grants.gov/apply/opportunities/instructions/PKG00249520-instructions.pdf
- Information on Awarded Grants: cris.nifa.usda.gov

Volunteer to Serve as a Reviewer



Panelist Information





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IFA and your community request your assistance in identifying panelists and ensuring our peer review panels have the required expertise while remaining inclusive, representative, and diverse.

NIFA convenes peer review panels comprised of research, education, extension, and other subject matter experts to review competitive grant proposals. Panelist duties include reviewing proposals; drafting and submitting individual scores and written reviews; attending and participating in a panel meeting. During the panel meeting panelists discuss and reach a group consensus on proposal rankings. Panels may be conducted via teleconference or at in person meeting spaces. If you are interested in participating, NIFA uses a Peer Review System (PRS) to collect volunteer information. Click here to access PRS.

BECOMING A PANELIST

REGISTRATION INFORMATION

If you are interested in serving on a peer-review panel, you can provide your contact information by visiting NIFA Peer Review System and clicking on the "Panelist Recruitment" link in the "Volunteer" section. You will be asked to provide your contact information and expertise.

In addition, a voluntary questionnaire will appear that is used to gather race, ethnicity, gender, and other information. NIFA collects this information from everyone who participates in USDA activities to allow us to evaluate participation and improve processes in accordance with applicable equal opportunity and civil rights laws. The information you provide will not be used to determine your eligibility to participate in this program. The use of this information will help USDA/NIFA to:

https://www.nifa.usda.gov/about-nifa/what-we-do/panelist-information



Update on the Office of the Chief Scientist

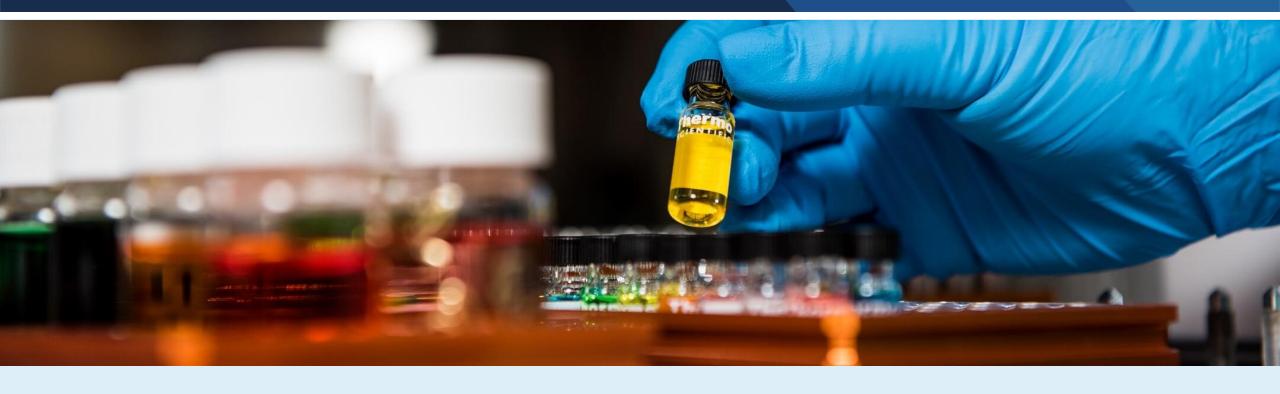
ANDP Breakfast

July 24, 2023

Dr. Deirdra Chester
Director of the Office of the
Chief Scientist



ABOUT THE OFFICE OF THE CHIEF SCIENTIST



The Office of the Chief Scientist provides scientific leadership and coordination across the Department.

We make sure that research supported by, and scientific advice provided to, USDA and external stakeholders are held to the highest standards of intellectual rigor and scientific integrity.

OCS RESPONSIBILITES



Information



Coordination



Partnership



Scientific Integrity



Strategic Planning



Key Performance Indicators



USDA SCIENCE

AND RESEARCH STRATEGY, 2023 - 2026:

Cultivating
Scientific Innovation



PRECISION NUTRITION - CANCER MOONSHOT

- **Goal:** reduce cancer death rate by at least 50% over the next 25 years and improve the experience of people and their families living with as well as surviving cancer.
- USDA Science can help prevent cancer, while others work to cure cancer.
- USDA's Research, Education, and Economics mission area (REE) is uniquely positioned for a systems-based approach for integrating research and program activities across REE and USDA.
- Visit USDA's Cancer Moonshot website for more info: www.ree.usda.gov/topics/cancer-moonshot



ASCEND FOR BETTER HEALTH

Agriculture Science Center of Excellence for Nutrition and

Diet (ASCEND) for Better Health



Research



Data



Engagement

A virtual center that brings together scientists, partner organizations, and communities to deliver science-based solutions that promote and elevate food and nutrition security for all Americans.













NEXTGEN

from learning to leading: cultivating the next generation of diverse food and agriculture professionals

- 33 projects awarded in 24 states & insular areas
- Representing a \$262.5M total investment
- Reaching 20,000 young people

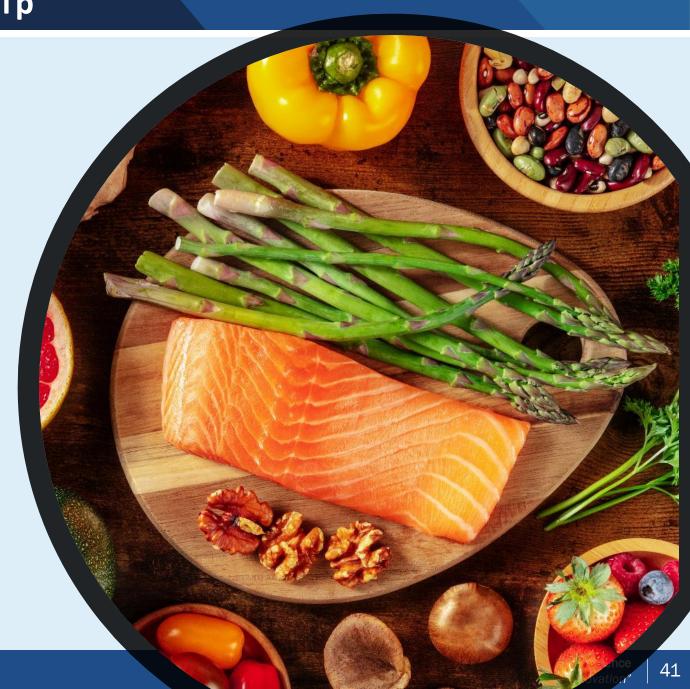
OCS Nutrition Science Fellowship

OCS is offering a Science Fellow the opportunity to expand their skills in honing their technical and project management expertise to support the office in improving the impact of USDA nutrition science.

Why current fellows love working in OCS:

- The opportunity for USDA-wide and interagency collaboration
- Working on a variety of science policy themes and topics.
- The opportunity to interface with high-level USG and private-sector officials.
- Genuine care displayed by staff within the OCS.

https://www.zintellect.com/Opportunity/Details/USDA -ARS-NE-2023-0259 - Apply Now!



THANK YOU & STAY CONNECTED



Deirdra Chester, PhD, RDN
Director, OFFICE OF THE CHIEF SCIENTIST



Deirdra.Chester@usda.gov



202-720-3444







NIH Office of Nutrition Research Transforming Nutrition Science

Nutrition 2023: ASN-ANDP Department Head Breakfast

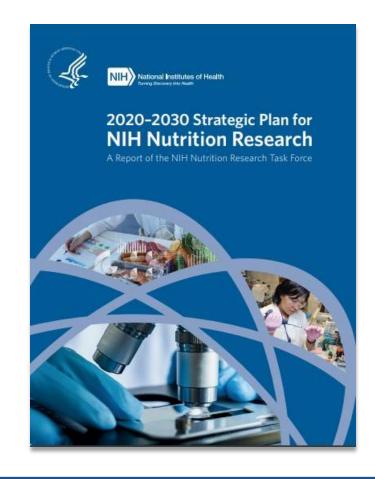
Nicholas J. Jury, Ph.D.

Director of Legislative Affairs and Policy

Office of Nutrition Research (ONR)

Prioritization of Nutrition Research

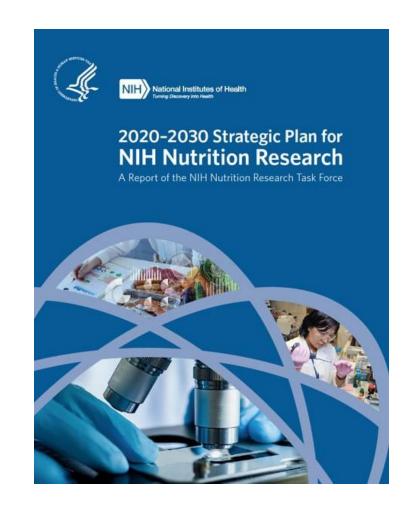
- NIH has increased its focus on nutrition research based on the impact of nutrition on health and disease
- In May 2020, NIH issued 2020-2030 Strategic Plan for NIH Nutrition Research to advance nutrition science and address diet-related diseases across the lifespan
- The Strategic Plan provides unifying vision of precision nutrition research, includes four strategic goals and five cross-cutting research areas



NIH Nutrition Research

The Strategic Plan Goals are to:

- Spur discovery and innovation through foundational research
- Investigate the role of dietary patterns and behaviors for optimal health
- Define the role of nutrition across the lifespan
- Reduce the burden of disease in clinical settings





NIH Nutrition Research: FY 2024 Request

- The President's budget includes \$121.2 million for the Office of Nutrition Research to:
 - Implement the goals and objectives of the Strategic Plan for NIH Nutrition Research
 - Advance nutrition science and address diet-related diseases across the lifespan
 - Support the White House National Strategy on Hunger, Nutrition, and Health



Advancing Nutrition Science Across the NIH

Resources will support:

- Reducing the burden of diet-related chronic diseases, such as obesity and diabetes
- Reducing nutrition health disparities---the differences in incidence, prevalence, morbidity, and mortality of diet-related diseases and conditions
- Ensuring diversity and inclusion in nutrition, health, and food security research

- Expanding and diversifying nutrition science workforce
- Investing in innovative approaches to advance research for prevention and treatment of diet-related chronic diseases, including the Food is Medicine Initiative



Food is Medicine Proposed Concept:

- Food is Medicine is an umbrella term for programs that respond to the critical link between diet and health involving (1) the provision of Food is Medicine Services and (2) a nexus to the health care system.
- This comprehensive program will advance Food is Medicine Research, including efficacy of increasing attention to food insecurity and nutrition assessments, and Food is Medicine services in existing health networks
- Calls for expanding clinical nutrition training for health professional and medical school curricula – including role of social determinants and environmental factors in diet related disease risk
- Emphasizes partnering with local agencies, NGOs etc. that are already filling the gaps in hunger/food insecurity, and social determinants of health space

FOOD IS MEDICINE NETWORKS

Research

Interventional, behavioral, and implementation studies on the efficacy and health care economics of Food is Medicine services or activities to address food insecurity, disease-related malnutrition, and chronic conditions

Patient Services

Expand food insecurity and nutrition status assessments and, where needed, provide Food is Medicine services. Examples include:

- Medically tailored meals or groceries
- · Nutritious food referrals
- Produce prescriptions

Education and Training

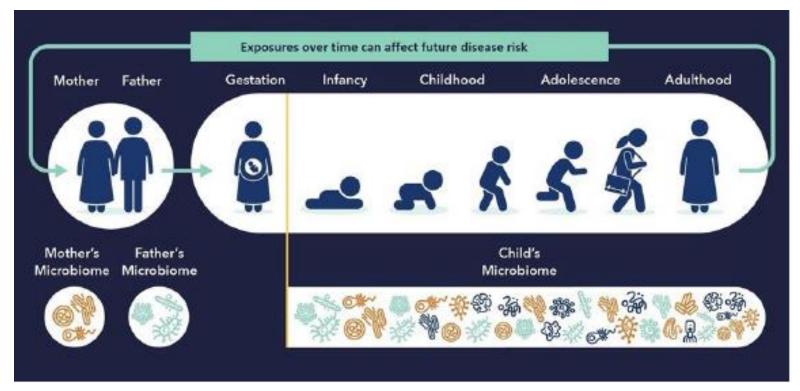
Expansion of clinical nutrition training for health professionals, medical school curricula, and nutrition fellowships; inclusion of culinary medicine and teaching kitchen programs

Community Outreach and Engagement

Partner, engage, and communicate with communities to improve health and reduce diet-related diseases



Developmental Origins of Health and Diseases (DOHaD)



- This discovery science program includes comprehensive studies on:
 - human milk composition,
 - dietary intake,
 - nutritional status measures and outcomes,
 - mechanistic questions about developmental origins of disease, and
 - ultimately, lead to optimized diet for health of mother and child
- Transformative research program examining role of diet, food environment and related environmental exposures on **developmental origins of health and diseases**
- Responds to increasing concern that food environment, life stress, traumas, medications, health and nutritional status, microbiome ecology, and related environmental exposures are responsible for risk of future diet-related disease



Stimulating Research to Understand and Address Hunger, Food, and Nutrition Insecurity



- Support novel and innovative strategies to address nutrition insecurity and its effects on health outcomes
- Co-fund highly meritorious grants submitted to NIH Institutes and Centers



Expansion & Diversification of the Nutrition Science Workforce

The **ONR Diversity, Equity, Inclusion and Accessibility (DEIA) in the Nutrition Science Workforce** Implementation Working Group will launch NIH-wide initiatives to:

- Increase training, mentoring, career development, and networking to expand diversity of nutrition workforce
- Support novel research projects and cross-disciplinary research programs



White House Conference on Hunger, Nutrition, and Health Goal

End hunger and increase healthy eating and physical activity, while reducing related disparities by 2030, so that fewer Americans experience diet-related diseases like type-2 diabetes, obesity, and heart disease.



National Strategy on Hunger, Nutrition, and Health

ONR initiatives were included as NIH commitments to the National Strategy:

- Food is Medicine Networks or Centers of Excellence
- Development Origins of Health and Disease (DOHaD)
- Expansion and Diversification of the Nutrition Science Workforce
- Stimulate Research to Understand and Address Hunger, Food, and Nutrition Insecurity



Integrate nutrition and health

Empower all consumers to make and have access to healthy choices Support physical activity for all

Enhance nutrition and food security research





NIH Federal Hub

Visit us at Booth 20 to learn more about NIH nutrition research and speak with NIH staff.

Saturday, July 22, 6-7pm Sunday, July 23, 9am-5pm Monday, July 24, 9am-5pm

NIH Office Hours

Interested in having focused meetings about your research with NIH program staff?

Visit us in the Expo Hall next to Booth 20.

Sunday, July 23: 9am-10am, 11am-3pm

Monday, July 24: Noon-4pm





- 1. Financial Report Shelley McGuire, PhD, Treasurer
- 2. Membership, membership benefits, and reminder to non-members to join Stephen Clarke, PhD, Secretary and Suresh Mathews, PhD, Member at Large
- 3. Begin updating the guidance from Allen et al., Securing the Future of Nutritional Sciences Through Integrative Graduate Education Patricia Cassano, PhD, Past Chair, and Diane Stadler, PhD, Chair
- 4. Learn more from members about our current and future workforce of doctoral-trained nutritionists topic for fall meeting Diane Stadler, PhD, Chair
- **5.** ANDP/CFSA Fall Meeting, October 2023 Laura Murray-Kolb, PhD, Chair-Elect, ANDP

If you are not already a member, please join us!





ANDPonline.org
ANDP@nutrition.org

Nutrition.org membership@nutrition.org



ANDP-CFSA Fall Meeting October 17-19, 2023 Purdue University



Tuesday, October 17 – **CFSA Half Day** *starting at 12:00pm*

Wednesday, October 18 – CFSA/ANDP Joint Day starting at 8:00am

Thursday, October 19 – **ANDP Half Day** *ending at 12:00pm*

Book your hotel now - Registration opens in August