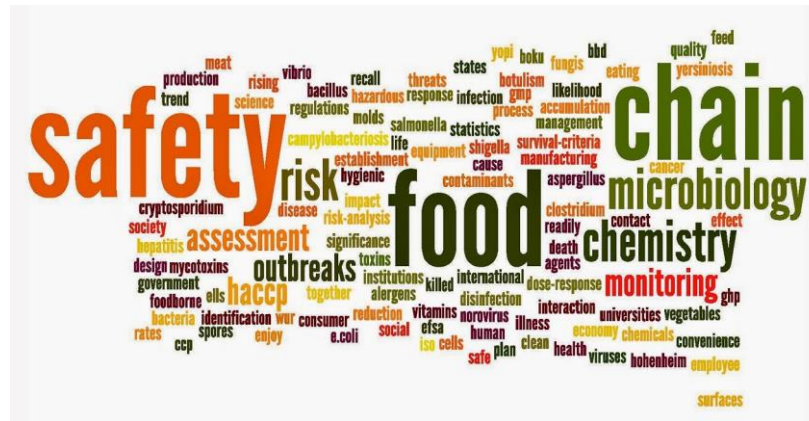


Food Safety Research Information Office Virtual Introduction



Dawanna James-Holly, PhD
FSRIO Technical Information Specialist

Introduction

Participants of this webinar will:

- Learn about the FSRIO mission and its information products
- Discover ways to navigate across the FSRIO webpages
- Gain an in-depth understanding about how to use three of the key information products



[Home](#) » [Information Centers](#) » Food Safety Research Information Office

About FSRIO

Research Projects Database

Research Publications

Food Safety Topics

Meet the Experts

Latest Reports and Assessments

Frequently Asked Questions

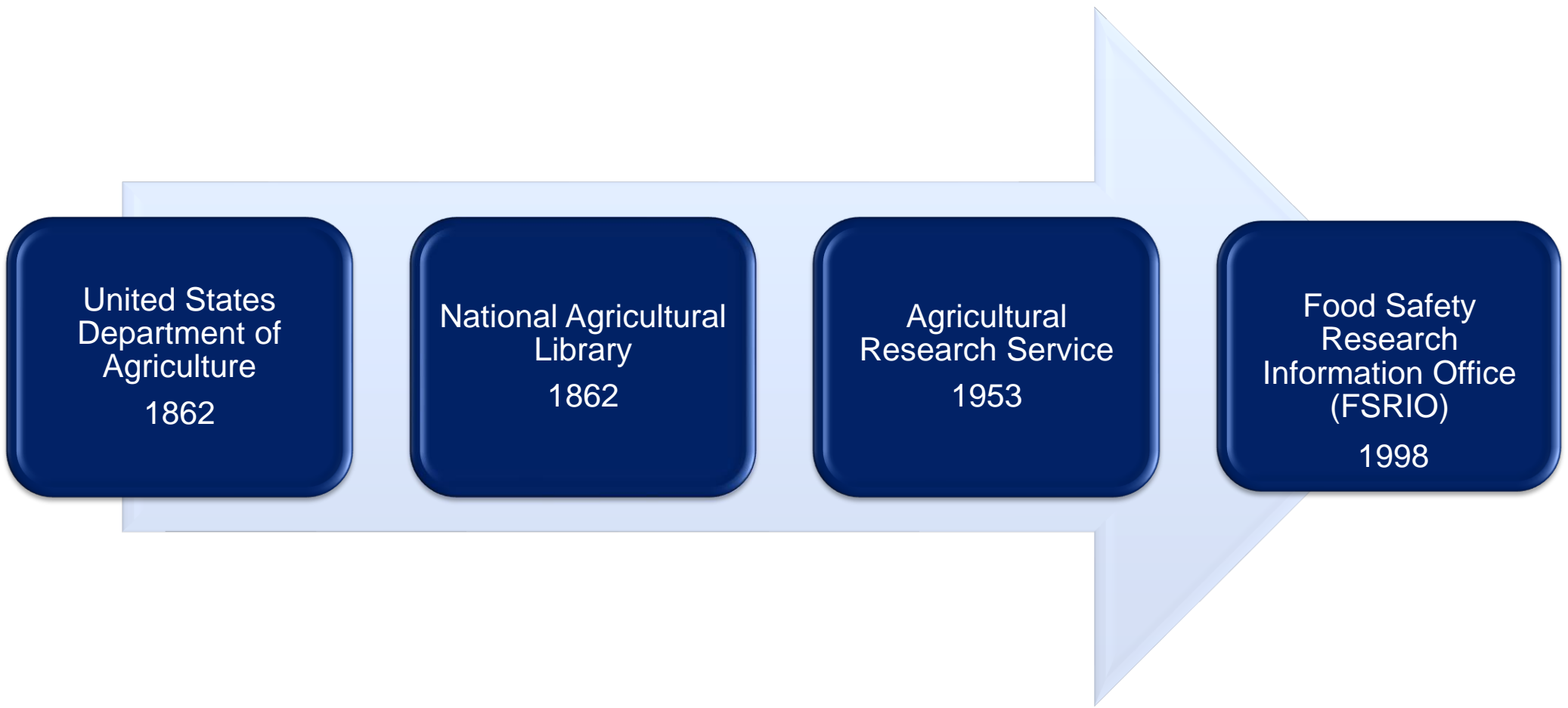
Food Safety Research Information Office

The **Food Safety Research Information Office** (FSRIO) supports the research community by collecting, organizing, and disseminating food safety information in accordance with the Agricultural Research, Extension, and Education Reform Act of 1998.

We provide research projects and publications relevant to food safety researchers in the Research Projects Database and the Research Publications. We provide, as well as foundational information about a wide array of Food Safety Topics and the Latest Reports and Assessments from credited government and public and private organizations. You can view presentations and videos from food safety researchers in the Meet the Experts section. There is a Frequently Asked Questions (FAQ) section available for use that provides resources to the most common food safety queries.

Meet the Experts
Meet USDA scientists, other federal scientists, and their

Introduction



Food Safety Research Information Office

- History
- Mission
 - Prevent duplication of food safety research
 - Assess food safety research needs and priorities
- Audience
- Content Highlights

Learn more at: <https://www.nal.usda.gov/fsrio>




The screenshot shows the website for the Food Safety Research Information Office (FSRIO). At the top right, there is a breadcrumb trail: [Home](#) » [Information Centers](#) » Food Safety Research Information Office. On the left side, there is a vertical navigation menu with the following items: About FSRIO, Research Projects Database, Research Publications, Food Safety Topics, Meet the Experts, Latest Reports and Assessments, and Frequently Asked Questions. The main content area features the title "Food Safety Research Information Office" in a large, bold font. Below the title, a paragraph states: "The **Food Safety Research Information Office** (FSRIO) supports the research community by collecting, organizing, and disseminating food safety information in accordance with the Agricultural Research, Extension, and Education Reform Act of 1998." A second paragraph follows: "We provide research projects and publications relevant to food safety researchers in the Research Projects Database and the Research Publications. We provide, as well as foundational information about a wide array of Food Safety Topics and the Latest Reports and Assessments from credited government and public and private organizations. You can view presentations and videos from food safety researchers in the Meet the Experts section. There is a Frequently Asked Questions (FAQ) section available for use that provides resources to the most common food safety queries." At the bottom of the page, there is a photograph of a person in a white lab coat and blue gloves using a microscope. To the right of the photo is a dark blue box with the text "Meet the Experts" in white, followed by "Meet USDA scientists, other federal scientists, and their" in a smaller white font.

FSRIO Key Information Products

- **Research Projects Database:** Extensive collection of over 16K food safety research projects funded by U.S. and international agencies, and private organizations (<https://www.nal.usda.gov/fsrio/research-projects/>).
- **Research Publications Feed:** Link to more than 200+ digital peer-reviewed food safety/food science journals (<https://www.nal.usda.gov/fsrio/research/publications>).
- **Meet the Experts:** Showcases USDA, other federal scientists, and their affiliates presenting food safety research through MS Powerpoint presentation's and videos (<https://www.nal.usda.gov/fsrio/experts>).

About FSRIO

What's New



Research Publications


An automated feed of the latest food safety research publications released from more than 90 peer-reviewed journals, including FDA/USDA specific publications.

⏪ [Pause](#) ⏩ 2 / 3

What's New | [Food Safety News](#) | [Funding Source Announcements](#) | [Events](#) | [Contact Us](#)

- The [August 2020 Granicus Bulletin](#) highlighting resources available in the [Food Safety Topics](#) section has been released for your perusal.
- The [July 2020 Granicus Bulletin](#) highlighting resources available in the [Food Safety Topics](#) section is ready for viewing.
- A [second June 2020 Granicus Bulletin](#) has been delivered, this time highlighting the new and exciting research projects in the [Research Projects Database](#) section is now available for your perusal.
- The [June 2020 Granicus Bulletin](#) highlighting new video content in the [Meet the Experts](#) section has been released.

Funding Source Announcements



Research Projects Database

The Research Projects Database provides users with information on current food safety research projects from both U.S. and international government and non-government organizations.

⏪ [Pause](#) ⏩ 1 / 3

What's New | [Food Safety News](#) | [Funding Source Announcements](#) | [Events](#) | [Contact Us](#)

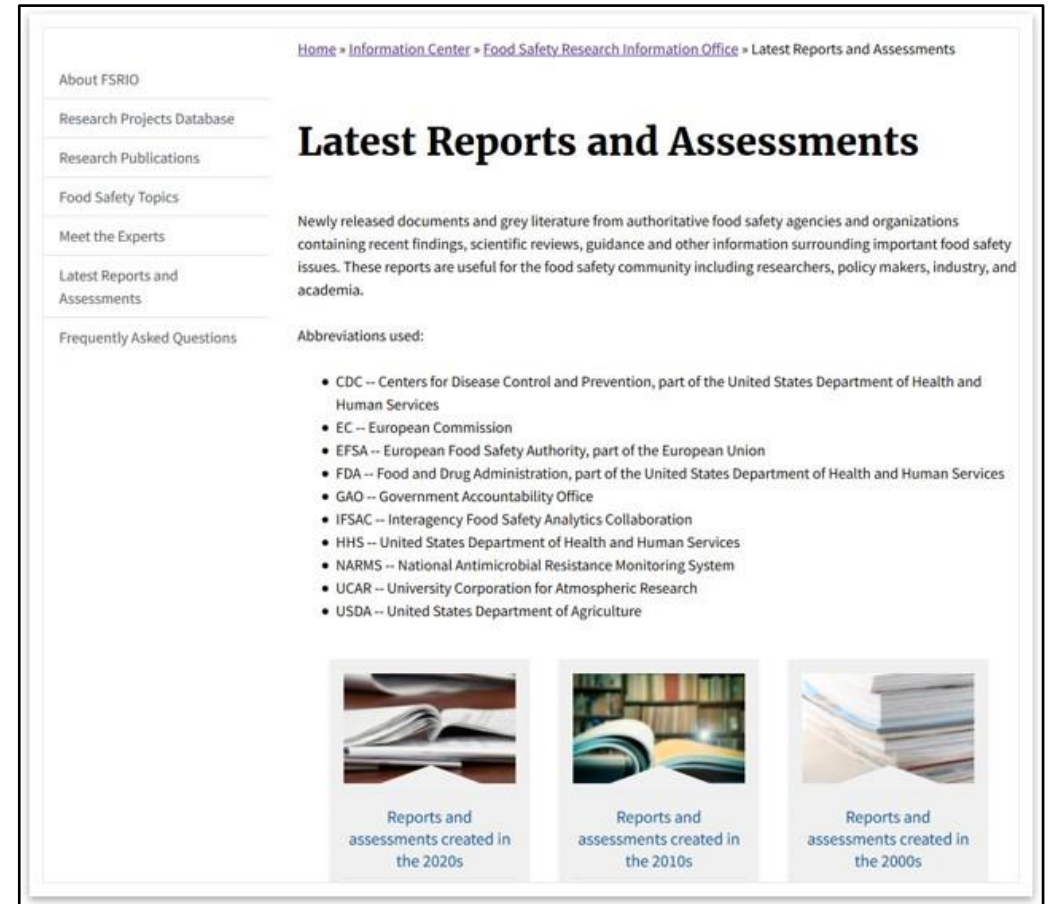
Funding opportunities for food safety research projects are available from the following agencies. Be sure to check back often as new funding opportunities will be listed.

- The National Science Foundation (NSF) has published a Frequently Asked Questions (FAQ) for grant [NSF 20-587, Applicants to FY2021 Graduate Research Fellowship Program \(GRFP\)](#).

Latest Reports and Assessments

- Recent Findings
- Scientific Reviews
- Guidance Documents
- Action Plans
- Science Blueprints

Learn more at: <https://www.nal.usda.gov/fsrio/latest-reports-and-assessments-0>



The screenshot shows the 'Latest Reports and Assessments' page on the Food Safety Research Information Office (FSRIO) website. The page features a navigation menu on the left with links to 'About FSRIO', 'Research Projects Database', 'Research Publications', 'Food Safety Topics', 'Meet the Experts', 'Latest Reports and Assessments', and 'Frequently Asked Questions'. The main content area includes a breadcrumb trail: 'Home » Information Center » Food Safety Research Information Office » Latest Reports and Assessments'. The title 'Latest Reports and Assessments' is prominently displayed. Below the title, a paragraph explains that the page contains newly released documents and grey literature from authoritative food safety agencies and organizations, useful for researchers, policy makers, industry, and academia. A section titled 'Abbreviations used:' lists various organizations and their acronyms, including CDC, EC, EFSA, FDA, GAO, IFSA, HHS, NARMS, UCAR, and USDA. At the bottom, three image-based buttons represent reports and assessments created in the 2020s, 2010s, and 2000s.

Home » Information Center » Food Safety Research Information Office » Latest Reports and Assessments

Latest Reports and Assessments

Newly released documents and grey literature from authoritative food safety agencies and organizations containing recent findings, scientific reviews, guidance and other information surrounding important food safety issues. These reports are useful for the food safety community including researchers, policy makers, industry, and academia.

Abbreviations used:

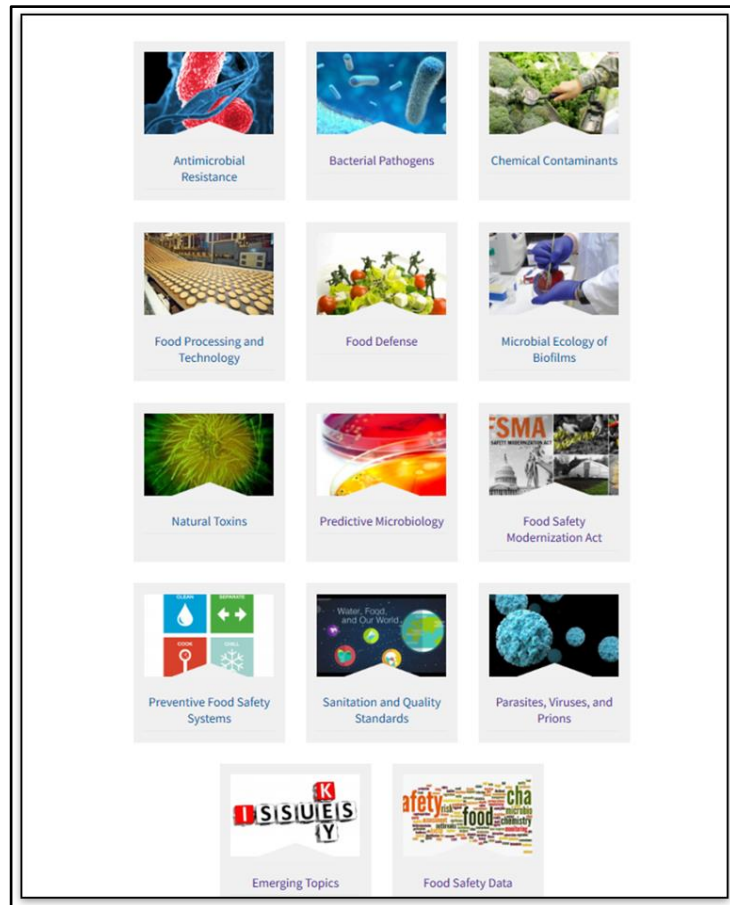
- CDC -- Centers for Disease Control and Prevention, part of the United States Department of Health and Human Services
- EC -- European Commission
- EFSA -- European Food Safety Authority, part of the European Union
- FDA -- Food and Drug Administration, part of the United States Department of Health and Human Services
- GAO -- Government Accountability Office
- IFSA -- Interagency Food Safety Analytics Collaboration
- HHS -- United States Department of Health and Human Services
- NARMS -- National Antimicrobial Resistance Monitoring System
- UCAR -- University Corporation for Atmospheric Research
- USDA -- United States Department of Agriculture

Reports and assessments created in the 2020s

Reports and assessments created in the 2010s

Reports and assessments created in the 2000s

Food Safety Topics



Provides resources and information across 14 key topic areas including:

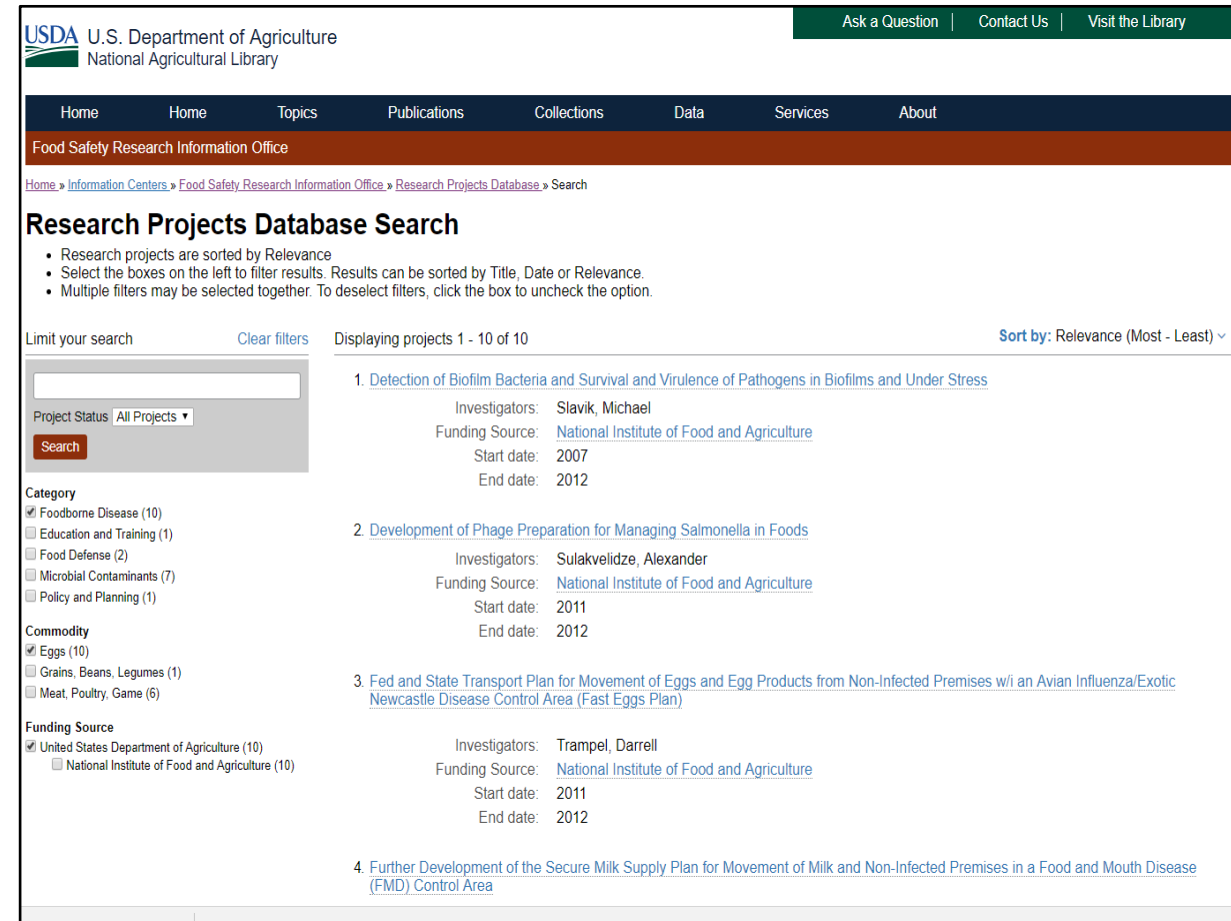
- Antimicrobial Resistance
- Bacterial Pathogens
- Chemical Contaminants
- Food Processing and Technology
- Food Defense
- Microbial Ecology of Biofilms
- Natural Toxins
- Predictive Microbiology
- Food Safety Modernization Act
- Preventative Food Systems
- Sanitation and Quality Standards
- Parasites, Viruses and Prions
- Emerging Topics
- Food Safety Data

Learn more at: <https://www.nal.usda.gov/fsrio/food-safety-topics-0>

Research Projects Database

- Browse food safety categories, commodities, and funding sources from the homepage.
- Dynamic filtering in advance search allows you to choose any combination of categories, food types, and funding agencies.
- Features that allows you to sort by relevance, date, or title.

Learn more at: <https://www.nal.usda.gov/fsrio/research-projects>



The screenshot shows the USDA National Agricultural Library website interface. At the top, there is a navigation bar with links for 'Home', 'Topics', 'Publications', 'Collections', 'Data', 'Services', and 'About'. Below this is a sub-header for the 'Food Safety Research Information Office'. The main content area is titled 'Research Projects Database Search' and includes instructions on how to use the search filters. A search box is present with a 'Search' button. On the left side, there are filter sections for 'Category', 'Commodity', and 'Funding Source', each with a list of options and checkboxes. The main results area displays a list of projects, with the first three visible. Each project entry includes a title, investigators, funding source, start date, and end date.

USDA U.S. Department of Agriculture
National Agricultural Library

Ask a Question | Contact Us | Visit the Library

Home Home Topics Publications Collections Data Services About

Food Safety Research Information Office

Home » Information Centers » Food Safety Research Information Office » Research Projects Database » Search

Research Projects Database Search

- Research projects are sorted by Relevance
- Select the boxes on the left to filter results. Results can be sorted by Title, Date or Relevance.
- Multiple filters may be selected together. To deselect filters, click the box to uncheck the option.

Limit your search [Clear filters](#) Displaying projects 1 - 10 of 10 [Sort by: Relevance \(Most - Least\) v](#)

Project Status: All Projects

Category

- Foodborne Disease (10)
- Education and Training (1)
- Food Defense (2)
- Microbial Contaminants (7)
- Policy and Planning (1)

Commodity

- Eggs (10)
- Grains, Beans, Legumes (1)
- Meat, Poultry, Game (6)

Funding Source

- United States Department of Agriculture (10)
 - National Institute of Food and Agriculture (10)

- [1. Detection of Biofilm Bacteria and Survival and Virulence of Pathogens in Biofilms and Under Stress](#)
Investigators: Slavik, Michael
Funding Source: [National Institute of Food and Agriculture](#)
Start date: 2007
End date: 2012
- [2. Development of Phage Preparation for Managing Salmonella in Foods](#)
Investigators: Sulakvelidze, Alexander
Funding Source: [National Institute of Food and Agriculture](#)
Start date: 2011
End date: 2012
- [3. Fed and State Transport Plan for Movement of Eggs and Egg Products from Non-Infected Premises w/ an Avian Influenza/Exotic Newcastle Disease Control Area \(Fast Eggs Plan\)](#)
Investigators: Trampel, Darrell
Funding Source: [National Institute of Food and Agriculture](#)
Start date: 2011
End date: 2012
- [4. Further Development of the Secure Milk Supply Plan for Movement of Milk and Non-Infected Premises in a Food and Mouth Disease \(FMD\) Control Area](#)

Research Projects Database

Advanced Filtering

Topic Categories

- Antimicrobial Resistance
- Bacterial Pathogens
- Chemical Contaminants
- Detection Methods
- Food Defense
- Natural Toxins
- Microbial Toxins
- Prevention and Control
- Risk Assessment

Commodities

- Dairy
- Eggs
- Grains, Beans, Legumes
- Meat, Poultry, and Game
- Nuts, Seeds
- Produce
- Seafood

Funding Source


- Agriculture Research Service
- National Institute of Food and Agriculture
- Food and Drug Administration
- National Institutes of Health
- Centers for Disease Control

Research Projects Database

Topics

Category

- Antimicrobial Resistance (200)
- Chemical Contaminants (784)
- Detection Methods (180)
- Education and Training (954)
- Foodborne Disease (2648)
- Food Defense (638)
- Microbial Contaminants (1916)
- Microbial Toxins (1066)
- Policy and Planning (1541)
- Risk Assessment (613)


 United States Department of Agriculture
 National Agricultural Library

[Ask a Question](#) | [Contact Us](#) | [Visit the Library](#)

[Home](#) | [Topics](#) | [Publications](#) | [Collections](#) | [Data](#) | [Services](#) | [About](#)

Food Safety Research Information Office

[Home](#) > [Information Centers](#) > [Food Safety Research Information Office](#) > [Research Projects Database](#) > Salmonella regulatory networks that contribute to proliferation in tomato soft rots: mechanisms and food safety implications

Research Projects Database Search

- Research projects are sorted by Relevance
- Select the boxes on the left to filter results. Results can be sorted by Title, Date or Relevance.
- Multiple filters may be selected together. To deselect filters, click the box to uncheck the option.

Limit your search [Clear filters](#) Displaying projects 1 - 25 of 12305 [Sort by:](#) Relevance (Most - Least) ▾

Category

- Antimicrobial Resistance (200)
- Chemical Contaminants (784)
- Detection Methods (180)
- Education and Training (954)
- Foodborne Disease (2648)
- Food Defense (638)
- Microbial Contaminants (1916)
- Microbial Toxins (1066)
- Policy and Planning (1541)
- Risk Assessment (613)

Commodity

- Dairy (72)
- Eggs (21)
- Grains, Beans, Legumes (32)
- Meat, Poultry, Game (401)
- Nuts, Seeds (117)
- Produce (451)
- Seafood (90)

Funding Source

- Beef Checkoff (226)
- Bill and Melinda Gates Foundation (31)
- Binational Agricultural Research and Development Fund (4)

1. [Evaluation of Fecal Salmonella Carriage in Symptomatic and Asymptomatic Dogs in T](#)

Investigators: Baszler, Timothy
 Funding Source: Food and Drug Administration
 Start date: 2011
 End date: 2013
2. [NH FDA FERN Microbiological Cooperative Agreement Program](#)

Investigators: Bean, Christine
 Funding Source: Food and Drug Administration
 Start date: 2009
 End date: 2015
3. [NH FDA FERN Microbiological Cooperative Agreement Program](#)

Investigators: Bean, Christine
 Funding Source: Food and Drug Administration
 Start date: 2009
 End date: 2015
4. [NH FDA FERN Microbiological Cooperative Agreement Program](#)


Investigators: Bean, Christine
 Funding Source: Food and Drug Administration
 Start date: 2009
 End date: 2015

Research Projects Database

Commodities

Commodity

- Dairy (72)
- Eggs (21)
- Grains, Beans, Legumes (32)
- Meat, Poultry, Game (401)
- Nuts, Seeds (117)
- Produce (451)
- Seafood (90)


United States Department of Agriculture
National Agricultural Library

[Ask a Question](#) | [Contact Us](#) | [Visit the Library](#)

Home
Topics
Publications
Collections
Data
Services
About

Food Safety Research Information Office

[Home](#) » [Information Centers](#) » [Food Safety Research Information Office](#) » [Research Projects Database](#) » Salmonella regulatory networks that contribute to proliferation in tomato soft rots: mechanisms and food safety implications

Research Projects Database Search

- Research projects are sorted by Relevance
- Select the boxes on the left to filter results. Results can be sorted by Title, Date or Relevance.
- Multiple filters may be selected together. To deselect filters, click the box to uncheck the option.

Limit your search Clear filters

Displaying projects 1 - 25 of 12305
 Sort by: Relevance (Most - Least) v

Search

Category

- Antimicrobial Resistance (200)
- Chemical Contaminants (784)
- Detection Methods (180)
- Education and Training (954)
- Foodborne Disease (2648)
- Food Defense (638)
- Microbial Contaminants (1916)
- Microbial Toxins (1066)
- Policy and Planning (1541)
- Risk Assessment (613)

Commodity

- Dairy (72)
- Eggs (21)
- Grains, Beans, Legumes (32)
- Meat, Poultry, Game (401)
- Nuts, Seeds (117)
- Produce (451)
- Seafood (90)

Funding Source

- Beef Checkoff (226)
- Bill and Melinda Gates Foundation (31)
- Binational Agricultural Research and Development Fund (4)

- 1. [Evaluation of Fecal Salmonella Carriage in Symptomatic and Asymptomatic Dogs in T](#)**

Investigators: Baszler, Timothy
Funding Source: Food and Drug Administration
Start date: 2011
End date: 2013
- 2. [NH FDA FERN Microbiological Cooperative Agreement Program](#)**

Investigators: Bean, Christine
Funding Source: Food and Drug Administration
Start date: 2009
End date: 2015
- 3. [NH FDA FERN Microbiological Cooperative Agreement Program](#)**

Investigators: Bean, Christine
Funding Source: Food and Drug Administration
Start date: 2009
End date: 2015
- 4. [NH FDA FERN Microbiological Cooperative Agreement Program](#)**


Investigators: Bean, Christine
Funding Source: Food and Drug Administration
Start date: 2009
End date: 2015

Research Projects Database

Funding Source

Funding Source

- Beef Checkoff (226)
- Bill and Melinda Gates Foundation (31)
- Binational Agricultural Research and Development Fund (4)
- Canada (115)
 - Ontario Ministry of Agriculture Food and Rural Affairs (115)
- Center for Produce Safety (107)
- European Union (474)
 - European Commission (360)
 - European Food Safety Authority (113)
- Food Marketing Institute (1)
- Fresh Express (9)
- International Life Sciences Institute (6)
- National Dairy Council (49)
- North American Meat Institute (68)
- Pork Checkoff (20)
- United Kingdom (1389)
 - Agriculture & Horticulture Development Board (10)
 - Biotechnology and Biological Sciences Research Council (237)
 - Campden BRI (28)
 - Department for Environment, Food and Rural Affairs (151)
 - Food Standards Agency (931)
 - Innovate UK (4)
 - safefood (30)
- United States Department of Agriculture (5261)
 - Agricultural Research Service (1455)
 - Animal and Plant Health Inspection Service (3)
 - Economic Research Service (16)
 - Food Safety Inspection Service (7)
 - National Institute of Food and Agriculture (3788)
- United States Department of Health and Human Services (3712)
 - Centers for Disease Control and Prevention (77)
 - National Center for Environmental Health (CDC) (58)
 - National Center for Preparedness, Detection, and Control of Infectious Diseases (CDC) (11)
 - Office of Public Health Preparedness and Response (CDC) (1)
 - Food and Drug Administration (1796)
 - Center For Food Safety and Applied Nutrition (75)
 - National Center For Toxicological Research (126)
 - National Institutes of Health (1839)
 - Fogarty International Center (16)
 - National Cancer Institute (19)
 - National Center for Advancing Translational Sciences (1)
 - National Center for Complementary and Alternative Medicine (9)
 - National Center for Research Resources (14)
- National Center on Minority Health and Health Disparities (2)
- National Eye Institute (2)
- National Heart, Lung and Blood Institute (5)
- National Institute of Allergy and Infectious Diseases (1329)
- National Institute of Child Health and Human Development (52)
- National Institute of Diabetes and Digestive and Kidney Diseases (96)
- National Institute of Environmental Health Sciences (190)
- National Institute of General Medical Sciences (54)
- National Institute of Mental Health (7)
- National Institute of Neurological Disorders and Stroke (30)
- National Institute on Aging (4)
- National Institute on Alcohol Abuse and Alcoholism (1)
- National Library of Medicine (1)
- Office of the Director (4)
- United States National Science Foundation (394)
- US Army (14)
- US Navy (1)


 United States Department of Agriculture
 National Agricultural Library

[Ask a Question](#) | [Contact Us](#) | [Visit the Library](#)

[Home](#) | [Topics](#) | [Publications](#) | [Collections](#) | [Data](#) | [Services](#) | [About](#)

Food Safety Research Information Office

[Home](#) > [Information Centers](#) > [Food Safety Research Information Office](#) > [Research Projects Database](#) > Salmonella regulatory networks that contribute to proliferation in tomato soft rots: mechanisms and food safety implications

Research Projects Database Search

- Research projects are sorted by Relevance
- Select the boxes on the left to filter results. Results can be sorted by Title, Date or Relevance.
- Multiple filters may be selected together. To deselect filters, click the box to uncheck the option.

Limit your search [Clear filters](#) Displaying projects 1 - 25 of 12305 [Sort by: Relevance \(Most - Least\) ▾](#)

Search

Category

- Antimicrobial Resistance (200)
- Chemical Contaminants (784)
- Detection Methods (180)
- Education and Training (954)
- Foodborne Disease (2648)
- Food Defense (638)
- Microbial Contaminants (1916)
- Microbial Toxins (1066)
- Policy and Planning (1541)
- Risk Assessment (613)

Commodity

- Dairy (72)
- Eggs (21)
- Grains, Beans, Legumes (32)
- Meat, Poultry, Game (401)
- Nuts, Seeds (117)
- Produce (451)
- Seafood (90)

Funding Source

- Beef Checkoff (226)
- Bill and Melinda Gates Foundation (31)
- Binational Agricultural Research and Development Fund (4)

- [1. Evaluation of Fecal Salmonella Carriage in Symptomatic and Asymptomatic Dogs in T](#)
 Investigators: Baszler, Timothy
 Funding Source: Food and Drug Administration
 Start date: 2011
 End date: 2013
- [2. NH FDA FERN Microbiological Cooperative Agreement Program](#)
 Investigators: Bean, Christine
 Funding Source: Food and Drug Administration
 Start date: 2009
 End date: 2015
- [3. NH FDA FERN Microbiological Cooperative Agreement Program](#)
 Investigators: Bean, Christine
 Funding Source: Food and Drug Administration
 Start date: 2009
 End date: 2015
- [4. NH FDA FERN Microbiological Cooperative Agreement Program](#)
 Investigators: Bean, Christine
 Funding Source: Food and Drug Administration
 Start date: 2009
 End date: 2015

Research Publications Feed

Research Publications from Peer-Reviewed Journals

The Research Publications track research that is published across national and international peer-reviewed journals. The most recent articles are available ahead of print and searchable by Journal Title, Subject, USDA Grant Funding Agencies or FDA Grant Funding Agencies. The research publications are tracked across five subject areas: Bacterial Pathogens, Chemical Contaminants, Natural Toxins, Parasites, and Viruses.

Quick Links

- [> Browse by journal](#)
- [> Browse by subject](#)
- [> See USDA articles](#)
- [> See FDA articles](#)

Results

[Emergence of Transferable mcr-9 Gene-Carrying Colistin-Resistant Salmonella enterica Dessau ST14 Isolated from Retail Chicken Meat in Korea](#) ⓘ
Tue, 08/25/2020 - 08:03
Foodborne Pathogens and Disease
Colistin is an important antibiotic currently used to manage infections caused by multidrug-resistant pathogens in both humans and livestock animals. A new mobile colistin-resistance (mcr-9) gene was recently discovered; this discovery highlighted the need for rigorous monitoring of bacterial resistance against colistin. Salmonella is one of the major pathogens responsible for foodborne illnesses...

[Effects of Smoking Temperature, Smoking Time, and Type of Wood Sawdust on Polycyclic Aromatic Hydrocarbon Accumulation Levels in Directly Smoked Pork Sausages](#) ⓘ
Tue, 08/25/2020 - 04:02
Journal of Agricultural and Food Chemistry

- Provides ready access to the latest food safety research publications, including ahead of print.
- Currently tracks 200+ journals
- Publications generated by these feeds are grouped by:
 - ✓ Journal
 - ✓ Subject

Learn more at:

<https://www.nal.usda.gov/fsrio/research/publications>

Peer-Reviewed Journals

[← Return](#)

[A](#) [B](#) [C](#) [D](#) [E](#) [F](#) [G](#) [H](#) [I](#) [J](#) [K](#) [L](#) [M](#) [N](#) [O](#) [P](#) [Q](#) [R](#) [S](#) [T](#) [U](#) [V](#) [W](#) [X](#) [Y](#) [Z](#)

A

[ACS Infectious Diseases](#)
[Allergy](#)
[American Journal of Food Science and Technology](#)
[American Journal of Public Health](#)
[Annals of the New York Academy of Sciences](#)
[Annual Review of Food Science and Technology](#)
[Annual Review of Microbiology](#)
[Antibiotics](#)
[Antimicrobial Agents and Chemotherapy](#)
[Antimicrobial Resistance and Infection Control](#)
[Antonie van Leeuwenhoek](#)
[Applied and Environmental Microbiology](#)
[Applied Microbiology and Biotechnology](#)
[Aquaculture Nutrition](#)
[Archives of Environmental Contamination and Toxicology](#)
[Archives of Microbiology](#)
[Avian Diseases](#)
[Avian Pathology](#)
[↑ Return to top](#)

B

[Biofouling](#)
[BMC Microbiology](#)
[Bulletin of Environmental Contamination and Toxicology](#)
[↑ Return to top](#)

C

[Canadian Journal of Microbiology](#)
[Clinical Infectious Diseases](#)
[Clinical Microbiology Reviews](#)
[Comparative Immunology, Microbiology and Infectious Disease](#)
[Comprehensive Reviews in Food Science and Food Safety](#)
[Critical Reviews in Food Science and Nutrition](#)
[Critical Reviews in Microbiology](#)
[Current Opinion in Microbiology](#)
[↑ Return to top](#)

D

[Diagnostic Microbiology and Infectious Disease](#)
[↑ Return to top](#)

E

[Ecotoxicology and Environmental Safety](#)
[Emerging Infectious Diseases](#)
[Emerging Microbes and Infections](#)
[Environmental Microbiology](#)
[Enzyme and Microbial Technology](#)
[European Food Research and Technology](#)
[Eurosurveillance](#)
[Experimental Parasitology](#)
[↑ Return to top](#)

Research Publications Feed

Library

Ask A Question | Contact Us | Visit the Library

Collections Data Services About Us

Research Publications from Peer-Reviewed Journals

The Research Publications track research that is published across national and international peer-reviewed journals. The most recent articles are available ahead of print and searchable by Journal Title, Subject, USDA Grant Funding Agencies or FDA Grant Funding Agencies. The research publications are tracked across five subject areas: Bacterial Pathogens, Chemical Contaminants, Natural Toxins, Parasites, and Mycetes.

Search Search

Quick Links

- > [Browse by journal](#)
- > [Browse by subject](#)
- > [See USDA articles](#)
- > [See FDA articles](#)

Results

[Emergence of Transferable mcr-9 Gene-Carrying Colistin-Resistant Salmonella enterica Dessau ST14 Isolated from Retail Chicken Meat in Korea](#) ^{PDF}

Tue, 08/25/2020 - 08:03

[Foodborne Pathogens and Disease](#)

Colistin is an important antibiotic currently used to manage infections caused by multidrug-resistant pathogens in both humans and livestock animals. A new mobile colistin-resistance (mcr-9) gene was recently discovered; this discovery highlighted the need for rigorous monitoring of bacterial resistance against colistin. Salmonella is one of the major pathogens responsible for foodborne illnesses...

[Effects of Smoking Temperature, Smoking Time, and Type of Wood Sawdust on Polycyclic Aromatic Hydrocarbon Accumulation Levels in Directly Smoked Pork Sausages](#) ^{PDF}

Tue, 08/25/2020 - 04:02

See most recent publications on the homepage, including ahead of print

Quick links to:

- Browse by journal or subject
- View USDA or FDA articles

Meet the Experts

- Features videos and presentations about food safety research conducted at USDA
- Adding content on trending food safety topics
 - Mycotoxins
 - Produce safety
 - Antimicrobial resistance
 - Bacterial pathogens.
- Currently tracking USDA research, in the future will expand to FDA, NIH, CDC, and NSF

Learn more at: <https://www.nal.usda.gov/fsrio/experts>

[Home](#) » [Information Center](#) » [Food Safety Research Information office](#) » Meet the Experts

About FSRIO

Research Projects Database

Research Publications


Food Safety Topics

Meet the Experts

Latest Reports and Assessments

Frequently Asked Questions

Meet the Experts



Bacterial Pathogens

View presentations from USDA ARS scientists and researchers about Bacterial Pathogens.

[Learn More](#)

Meet USDA scientists, other federal scientists, and their affiliates presenting food safety research. These presentations highlight the latest food safety research applications conducted at USDA and other federal agencies.

Meet the Experts

Scientist Videos



Cold Plasma as a Novel Antimicrobial Intervention

Investigator: Brendan Niemira, PhD
Institution: Agricultural Research Service



How Does Salmonella become Antibiotic Resistant

Investigator: Jonathan Frye, PhD
Institution: Agricultural Research Service



Rapid inactivation of *Toxoplasma gondii* bradyzoites in dry cured sausage

Investigators: John Luchansky, PhD; Anna Porto-Fett, PhD
Institution: Agricultural Research Service



Innovative materials for use in Mycotoxin detection

Investigator: Chris Maragos, PhD
Institution: Agricultural Research Service

- Presentations and videos
- Topics include:
 - Aflatoxins
 - AMR
 - Biological and Chemical Contaminants
 - Viruses and Prions
 - Produce Safety
 - Scientist videos

Meet the Experts

- Scientist videos cover emerging topics
- Related content is linked where applicable
 - Publications
 - Presentations

Learn more at: <https://www.nal.usda.gov/fsrio/experts/stec-biofilms-within-microbial-communities-food>

Home » Information Centers » Food Safety Research Information Office » Meet the Experts » Scientist Videos » STEC biofilms within microbial communities in food

About FSRIO

Research Projects Database

Research Publications


Food Safety Topics

Meet the Experts

Latest Reports and Assessments

Frequently Asked Questions

Dr. George Paoli Introduction



Watch on YouTube

Investigator:

- George Paoli, PhD

Institution:

- Agricultural Research Service

Related Publications:

- [STEC biofilms within microbial communities in food - Full-length video](#)

Related Presentations

[Cold Plasma as a Novel Antimicrobial Intervention](#)

[How Does Salmonella become Antibiotic Resistant](#)

[Rapid inactivation of *Taxoplasm* gondibradyzoites in dry cured sausage](#)

[Innovative materials for use in Mycotoxin detection](#)

[Radio-frequency power for the pasteurization of *Salmonella typhimurium* in shell eggs](#)

Questions & Answers

CONTACT INFORMATION

Patrice Armstrong, PhD, MPH
Program Lead for Nutrition and Food Safety
Patrice.Armstrong@usda.gov

Dawanna James-Holly, PhD
FSRIO Program Specialist and Content Manager
Dawanna.James-Holly@usda.gov

Greg Schuler
Metadata Librarian
Greg.Schuler@usda.gov

Zeynep Diker
Metadata Librarian
Zeynep.Diker@usda.gov

To learn more about FSRIQ, go to <https://www.nal.usda.gov/fsrio>

