

# Unlocking Potential: Diverse Careers in Global Food Systems

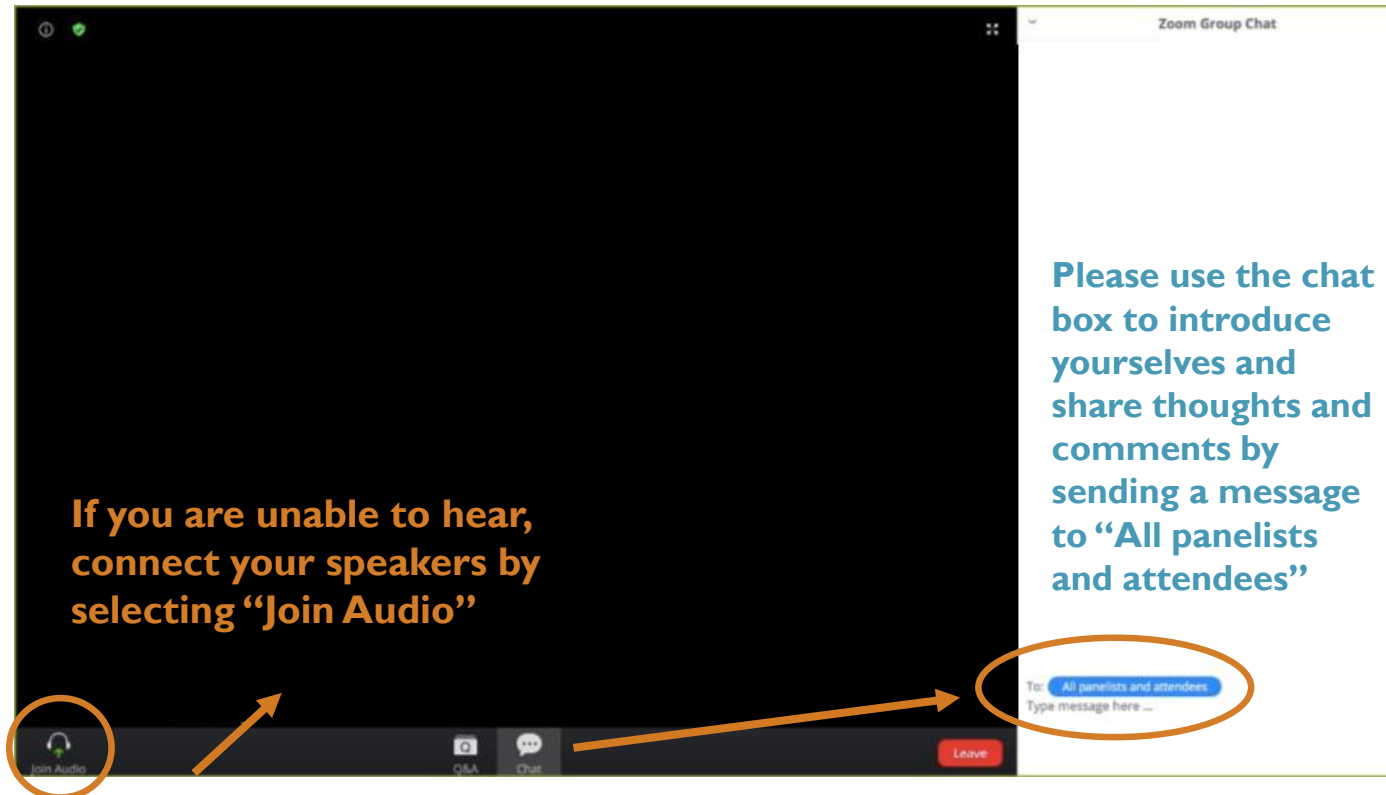
**Thursday, October 3<sup>rd</sup>, 2024 | 12:00 pm – 1:00 pm CST**

**Quintin Gray | Dr. Clytrice Watson | Kyla Thurston | Yazmine Thomas | Dr. Judith Boateng**



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# WELCOME TO THE ZOOM WEBINAR



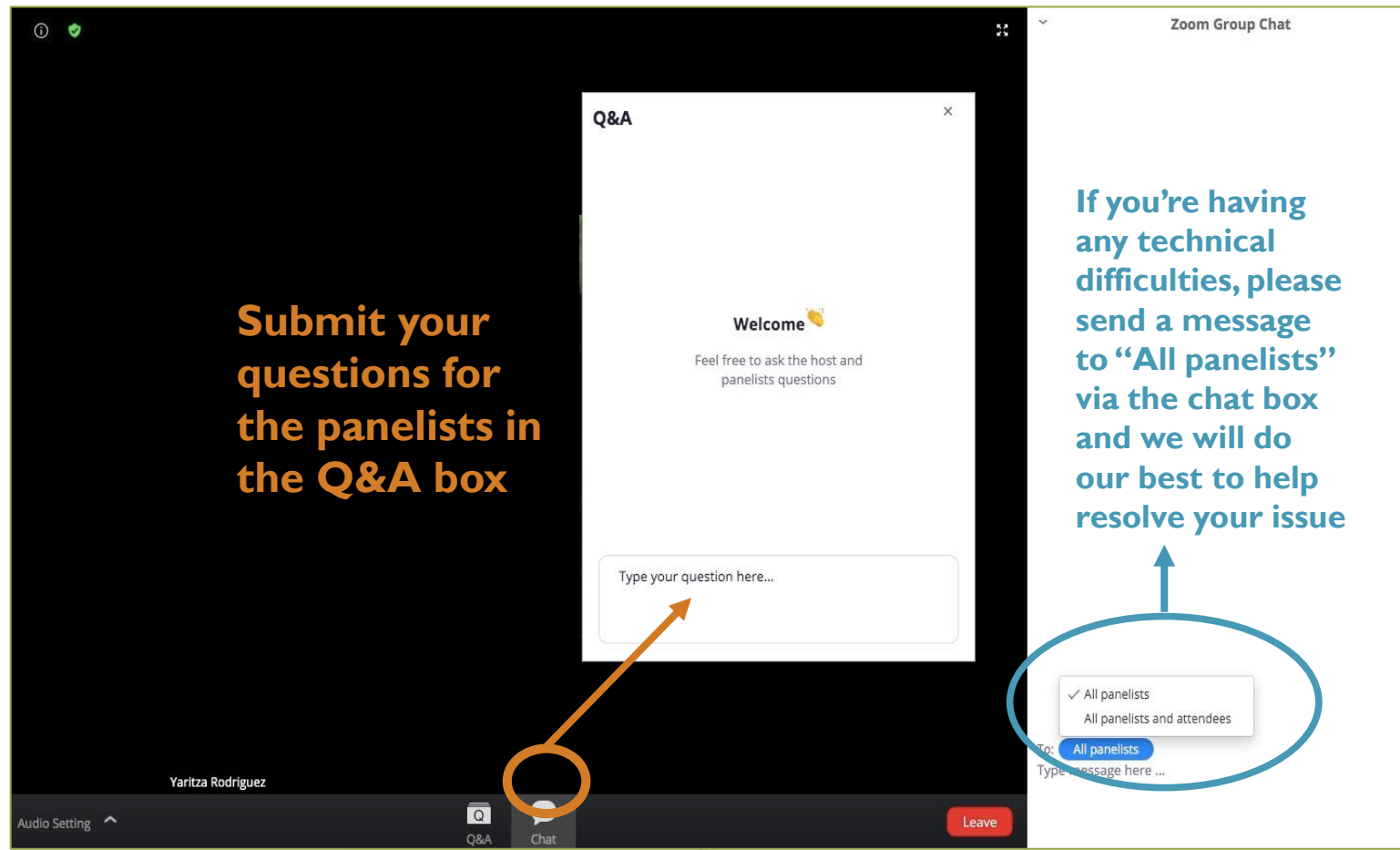
**If you are unable to hear, connect your speakers by selecting "Join Audio"**

**Please use the chat box to introduce yourselves and share thoughts and comments by sending a message to "All panelists and attendees"**



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# Q&A AND CHAT



**Submit your questions for the panelists in the Q&A box**

**If you're having any technical difficulties, please send a message to "All panelists" via the chat box and we will do our best to help resolve your issue**

The screenshot shows a Zoom meeting interface. On the left, a Q&A box is open with the text "Welcome 🍌 Feel free to ask the host and panelists questions" and a text input field labeled "Type your question here...". An orange arrow points from the "Chat" icon in the Zoom bottom bar to this input field. On the right, a "Zoom Group Chat" window is open, showing a dropdown menu with "All panelists" selected. A blue circle highlights this dropdown, and a blue arrow points from it to the instructional text on the right.



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The MSI Student Working Group Presents

## Unlocking Potential: Diverse Careers in Global Food Systems

Zoom Webinar | Thursday, October 03, 2024 | 12:00-1:00PM (CST)

*\*The MSI Student Working Group is a student-led group created by the Feed the Future Food Systems for Nutrition Innovation Lab & the 1890 Universities Foundation.*



Dr. Clytrice Austin-Watson, PhD  
Professor of Biology, Student Advocate & Academic Leader



Quintin Gray  
1890 Foundation Liaison for Sam's Club, Cargill, & MSI Student Working Group in partnership with Tuft's University & USAID



Kyla G. Thurston  
Tuskegee University



### MODERATORS

Yazmine Thomas  
University of Maryland Eastern Shore



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**DSU**  
It All Matters.



Gerald J. and Dorothy R.  
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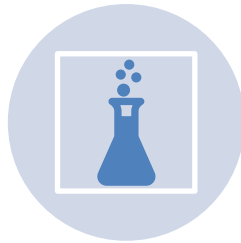
# Unlocking Potential: Diverse Careers in Global Foods Systems

**An Academician's Perspective**

October 3, 2024, Dr. Clytrice Watson, Delaware State University



# MY PROFESSIONAL IDENTITY



Food  
Scientist/Microbiologist



Educator and  
Administrator



Change Agent



Student/STEM Advocate

## PROFESSIONAL PROFILE: ACADEMIC

3x graduate of HBCUs

Started as a Pre-med major

Progressed through the academic ranks:

Assistant Professor

Associate Professor

Full Professor



## PROFESSIONAL PROFILE: ADMINISTRATIVE

- Director of Student Support
- Director, Forensic Biology Program
- Associate Director, MARC U STAR program
- Chair, Biology Department
- Associate Dean for Student Success
- Interim Dean, College of Natural Sciences & Technology
- Program Officer (IPA), HBCU UP/HRD/HER (EDU/EES)
- Associate Provost, Academic and Student Services



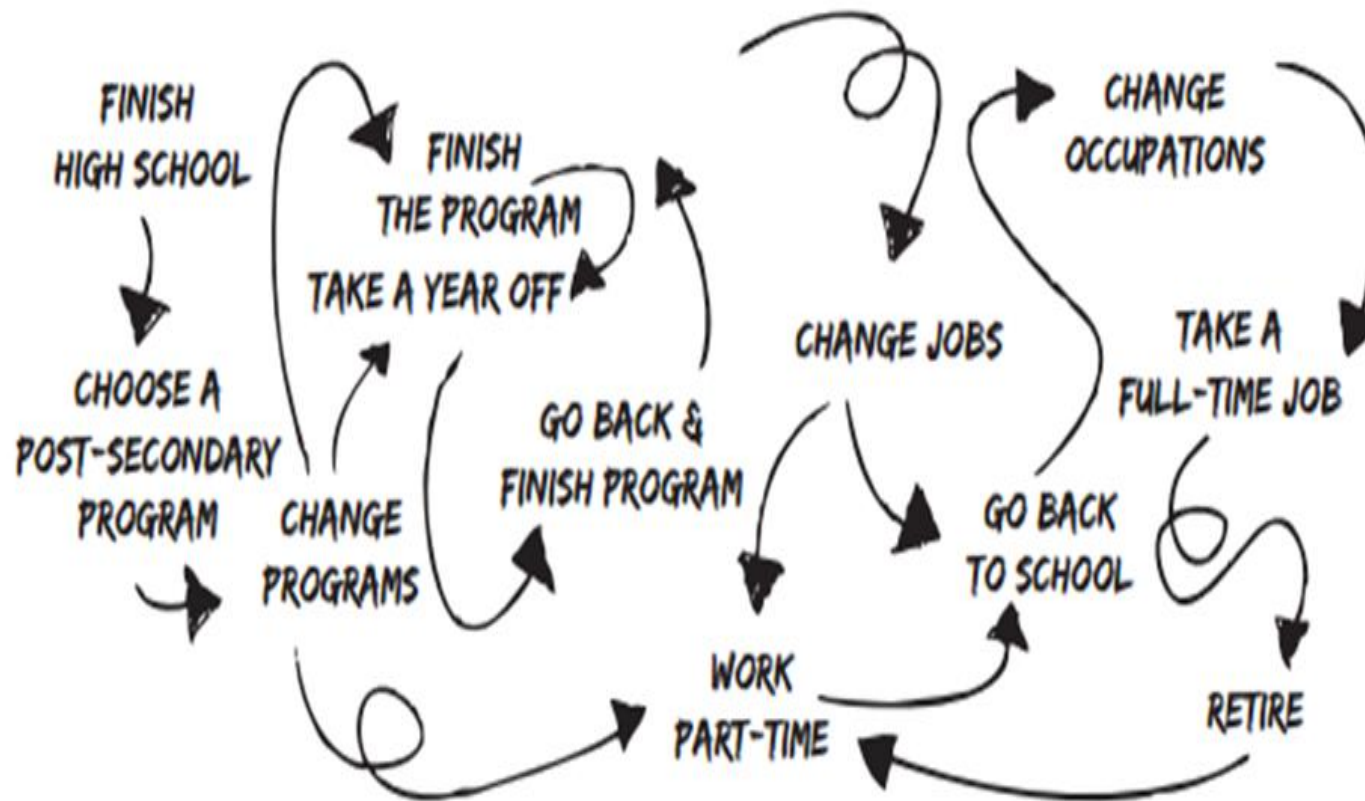
## EDUCATIONAL CONTRIBUTIONS IN THE FIELD

- Trained over 30 undergraduate and graduate students in research.
  - Introducing students to research in Food Science
- Development and implementation of academic programs, STEM and non-STEM.
- Established experiential learning opportunities for students and pathways to graduate school.
- Identifying resources and opportunities to support career readiness.



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## I have a graduate degree, what now?



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# WHAT CAN YOU DO WITH YOUR FOOD SCIENCE DEGREE?

Anything you want!

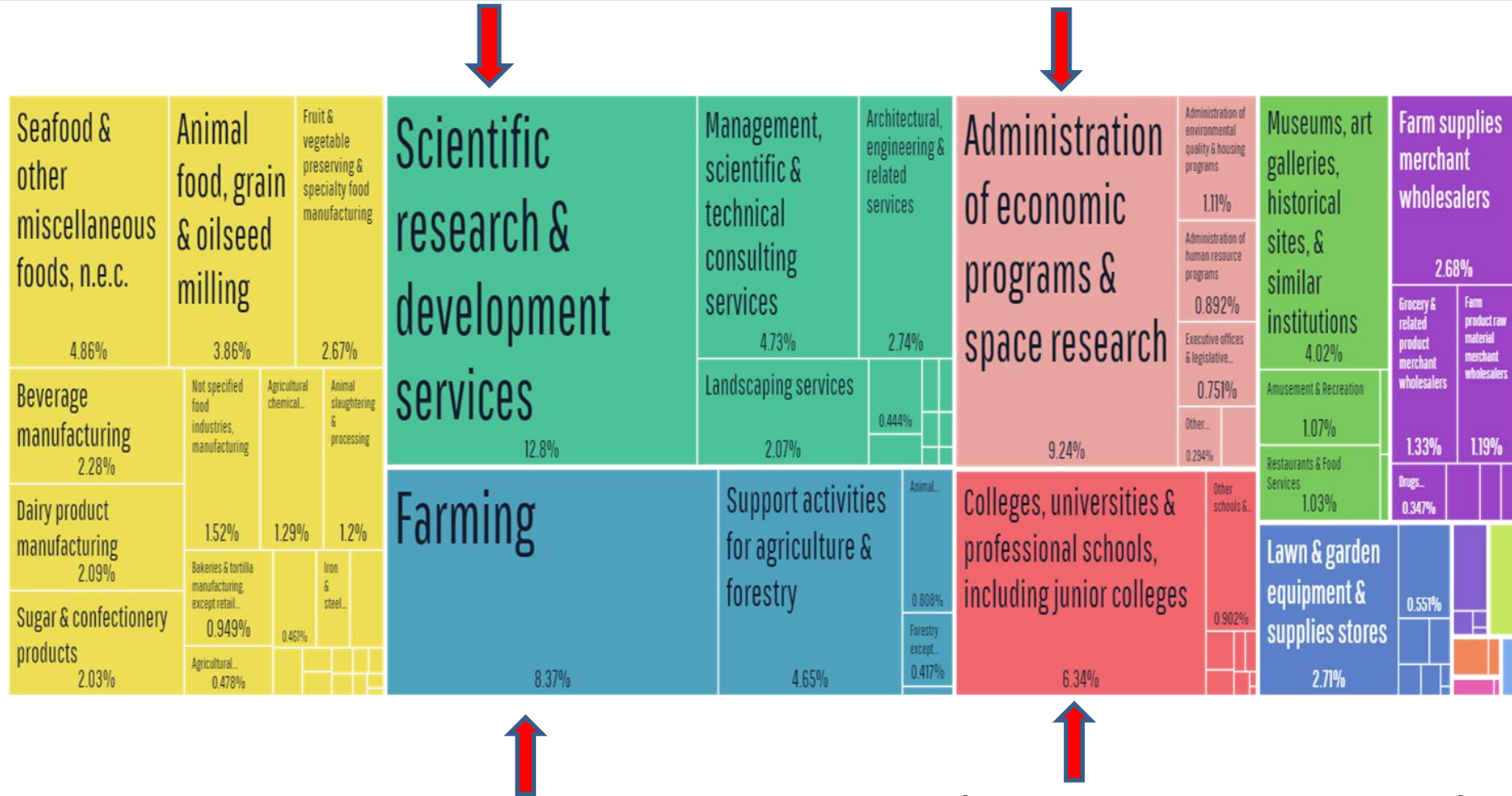
- Multidisciplinary
- Wide range of career sectors
  - Research and Product Development
  - Food Safety
  - Food engineering
  - Sensory Science
  - Higher Education\*\*
    - Transform the lives of students

[Careers in Food Science - IFT.org](http://IFT.org)

# Occupations by Sector

In 2022, there were 29,941 AFS workers in the US

**Job Outlook:**  
Expected growth of 8% from 2023-2030



**(Agricultural & food scientists | Data USA)**



# CAREERS PATHWAYS IN FOOD SCIENCE



ENTREPRENEURSHIP



World Health Organization



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## Food Science Needs You!



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## Representation Matters!



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## HOW ARE YOU PREPARING?

- Are you building your network?
- Are you exploring opportunities?
- Are you willing to step out the box?

# Thank You

Clytrice Watson, PhD  
cawatson@desu.edu

# Unlocking Potential: Diverse Careers in Food Systems

**Career Opportunities:**  
**USDA Foreign Agricultural  
Service**  
**Cargill**  
**Food and Drug  
Administration**

Quintin Gray  
Agriculture Advisor  
1890 Universities Foundation

# About the FAS Foreign Service

Foreign Agricultural Service  
Linking U.S. Agriculture to the World



# SMALL BUT MIGHTY – FAS's GLOBAL PRESENCE

**95**

Overseas Offices

**193**

Countries Covered

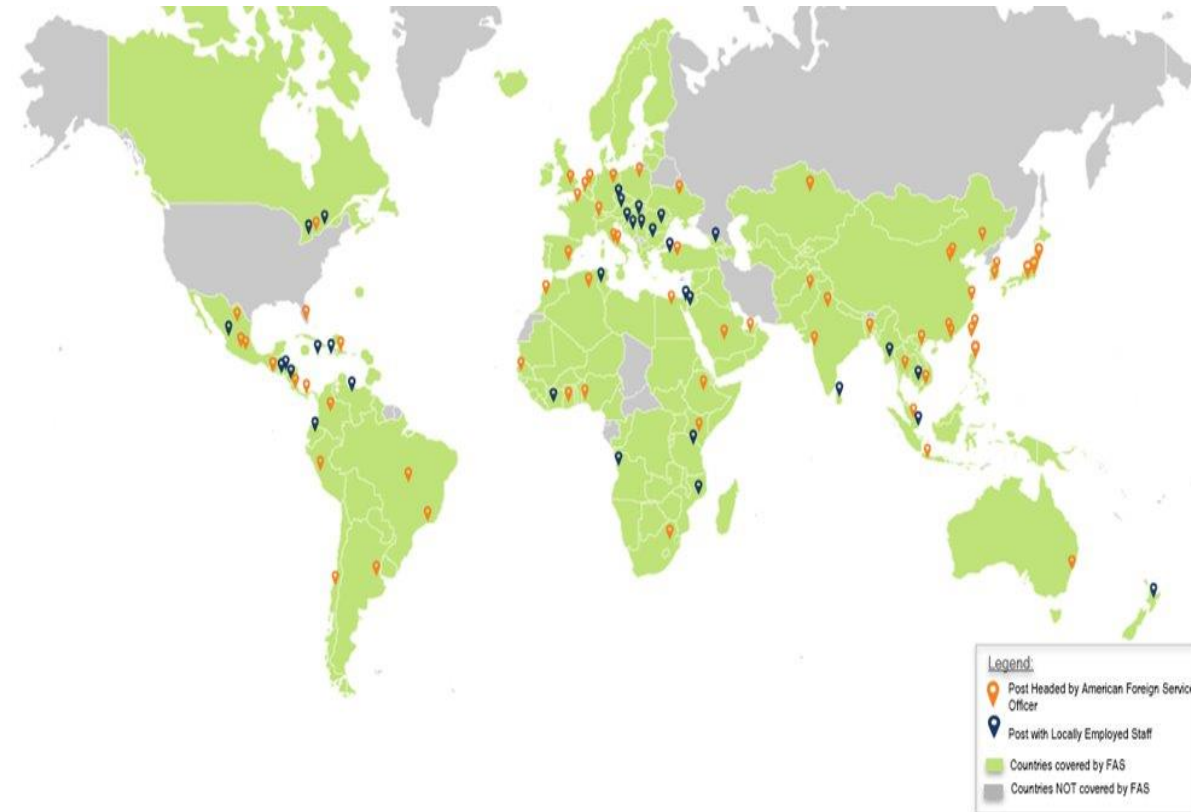
**157**

Total Foreign Services Officers  
(Overseas and in Washington)

- 122 FSOs Overseas
- 27 FSOs in Washington
- 8 in Transit/Training

**350**

Locally Employed Staff



## BENEFITS OF THE FOREIGN SERVICE LIFE

- Live in exotic places
- Experience foreign cultures
- Participate in making history
- Make friends all over the world









## International Trade is Critical for U.S. Agriculture

- U.S. ag exports reached \$191 billion in 2023
- 20 percent of U.S. agricultural production is exported
- Ag exports supported approximately 1.2 million jobs on and off the farm
- 95% of the world's population lives outside the United States



## Trade Policy Examples

- Market access: Tariffs and Quotas
- Trade barriers: Pesticide Levels, Food Safety Requirements
- Stuck shipments
- Genetic engineering rules
- Organic Equivalency agreements
- Climate change
- World Trade Organization and Food and Agriculture Organization



## DATA AND ANALYSIS



- FAS works with international groups to produce market intelligence
- Provides objective data on foreign market conditions
- Prepares production forecasts and assesses export opportunities
- Tracks changes in policies affecting U.S. agricultural exports and imports



- FAS partners with 80 cooperator groups in the U.S. food and agricultural industry
- Manages market development programs
- Administers credit guarantee programs and other types of assistance
- Plans trade shows and missions

## Trade Promotion





## Capacity Building

- FAS helps developing countries improve their agricultural systems and build trade capacity
- FAS's non-emergency food aid programs help meet recipients' nutritional needs and supports agricultural development and education

### Types of Programs

- Food assistance
- Trade and scientific exchange
- Technical assistance



## USDA Climate Change Initiatives



**USDA  
INTERNATIONAL  
CLIMATE HUB**



**AGRICULTURE  
INNOVATION  
MISSION FOR  
CLIMATE (AIM FOR  
CLIMATE)**



**COALITION ON SUSTAINABLE  
PRODUCTIVITY GROWTH (SPG  
COALITION)**



**GLOBAL  
METHANE  
PLEDGE**





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## And more!



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## Is the Foreign Service right for you?



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## Challenges of the Foreign Service Life



- Spousal employment
- Education options for kids
- Uprooting your life every few years
- Away from family and support networks (aging parents, etc.)



## General Requirements to Join the Foreign Service

- U.S. Citizen
- Worldwide Availability
- Top Secret Security Clearance
- Medical Clearance



## Upcoming Key Dates



**VACANCY  
ANNOUNCEMENT:  
MID SEPT. – MID  
OCT. 2024**



**PUBLIC  
SESSIONS: FALL  
2024**



**ASSESSMENT  
FORUM: FALL  
2024**



## How to Apply USA Jobs (<https://my.usajobs.gov>)

35 AS also offers paid internships and fellowship programs. Applications are open each fall.

FAS aims to advance U.S. agricultural interests by building a more diverse, equitable, inclusive, and accessible Foreign Service.



## Interested in the Foreign Agricultural Service?



Provide us with your contact information after this meeting. We'll get in touch!



Learn more at <https://www.fas.usda.gov/fas-foreign-service-careers>



Would you like to talk to someone or request additional information, please send an email to [FASForeignService@usda.gov](mailto:FASForeignService@usda.gov).





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# About Cargill



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# 160K+

Employees

# 70

Countries

# 125

Markets

# 159

Years



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# Nourishing the world in a safe, responsible & sustainable way

Cargill is a family company committed to providing food, ingredients, agricultural solutions and industrial products to nourish the world in a safe, responsible, sustainable way.



# About Cargill

We source raw materials, make and deliver products that are vital for living.



**Agricultural Supply Chain**

**Animal Nutrition & Health**

**Protein & Salt**

**Food & Bio**

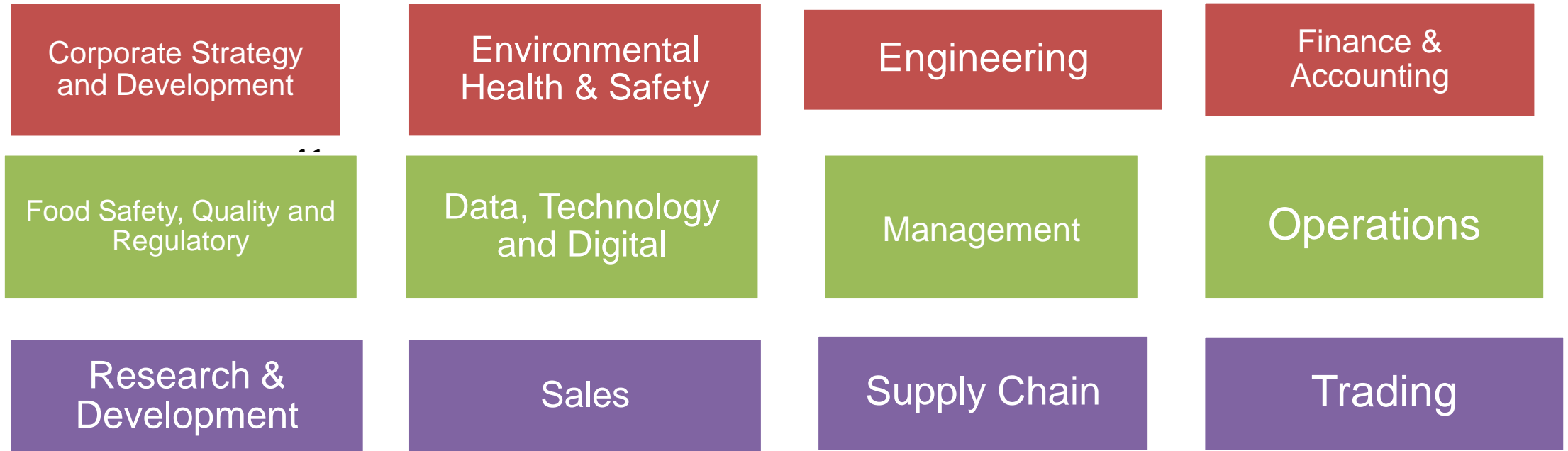
Connects farmers and users of grains and oilseeds through sourcing, trading, processing and distribution.

**Financial Services & Metals**



# Cargill Early Career Programs

Internships, Co-ops and Full-time Associate Roles





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## Program Highlights



**Work on Real Business Problems**



**Embrace Opportunity**



**Gain access to a Global Network**



**Narrow your Career and Education Direction**



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# Program Benefits

Relocation  
and Housing  
Assistance \*

Professional  
Development Sessions

Access to  
Business  
Resource  
Groups

Paid Time Off,  
401K, Wellness  
Benefits

Networking  
with Global  
Leaders

Digital Learning  
Library

Supporting you with  
the resources you  
need to succeed.

# Applying for a Role

[Careers.Cargill.com/University](https://careers.cargill.com/University)



## Apply:

Apply using the link we send after the call. Applying takes 5-15 min.



## Interview:

Interviews are virtual and last between 30-45 min.



## Offer

Offer decisions are made within a couple of weeks.





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Check in with

## Cargill



Thursday, October 3, 12 PM

Unlocking Potential: Diverse Careers in Global Food Systems (1890 Visit)



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## Human Resources Contact

Claire Dirnberger

(She, Her, Hers)

Talent Consultant – Sourcing and Employer Brand

Talent Acquisition COE – University Recruiting

[Claire\\_dirnberger@cargill.com](mailto:Claire_dirnberger@cargill.com)

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## What Does FDA Do?

- More than 18,000 FDA employees work in all 50 states and internationally to ensure the safety and effectiveness of human and veterinary medicines, biologics, and medical devices.
- FDA regulates the safety of food, cosmetics, devices that emit radiation, and tobacco products.





## Careers at the Food and Drug Administration (FDA)

- Scientists at the Center for Drug Evaluation and Research
- Statisticians
- Clinical Pharmacologists
- Drug Development
- Inspector Reviewers

[www.fda.gov](http://www.fda.gov) (Go to Jobs and Training at FDA and then go to Students and Recent Graduates)



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Thank You  
for Listening

**Quintin Gray**

Agriculture Advisor  
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Foundation

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or [qg@safest-  
food.com](mailto:qg@safest-food.com)

571-217-8401



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## Q&A



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[www.feedthefuture.gov](http://www.feedthefuture.gov)



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