

UVM FOOD SYSTEMS SUMMIT

Friday, November 10, 2023

Davis Center, University of Vermont, Burlington, VT



Schedule: At a Glance

8:00 AM	Breakfast & Poster Presentations Fireplace Lounge
9:00 AM	Session 1: Welcome Silver Maple Ballroom
10:00 AM	Ribbon Cutting Patrick Leahy Building
11:00 AM	Session 2: Panel Silver Maple Ballroom
11:30 AM	Session 3: Short Talks with Q&A Silver Maple Ballroom
1:00 PM	Lunch Silver Maple Ballroom
2:00 PM	Session 4: Panel Discussion Silver Maple Ballroom
3:30 PM	Session 5: Breakout Sessions Breakout Rooms
5:00 PM	Closing Session Silver Maple Ballroom
5:30 PM	Reception Sugar Maple Ballroom



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Overview

Concept

UVM is a collaborative partner on the first joint food systems research center with the USDA Agricultural Research Service. As a leader in food systems research, UVM will begin hosting a food systems research summit, to bring together UVM, USDA, and other partners and researchers.

The summit will serve as a convening space for food systems research, which is currently nascent and disjointed in the academic conference space. This year's summit will take place November 10, 2023, at the UVM Burlington Campus, with a small, regionally focused event.

Future summit years anticipate growth and opportunity to develop into a larger national event.

Aims

- Establish an annual event at UVM devoted to engaged food systems research and collaboration, and to debate solutions for food system sustainability, equity and resilience.
- Highlight transdisciplinary food systems research ongoing within and beyond UVM, made possible through a unique partnership between the UVM and the USDA ARS.
- Cultivate a regional community of food systems researchers, committed to team based, stakeholder engaged science.

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Agenda

8:00AM Breakfast and Poster Presentations

Please join us in the **Davis Center Fireplace Lounge** for a light breakfast of pastries, yogurt, and coffees. There will be poster presentation from UVM graduate students.

- Full-fat versus fat-free yogurt improves postprandial markers of glucose homeostasis and fasting markers of glucose and lipid homeostasis in individuals with prediabetes - **Victoria Taormina**
- Valorization of food waste to beneficial biochemicals - **Panagiota Stamatopoulou**
- Forage-based dairy systems: optimizing environmental and animal health outcomes - **Bryony Sands**
- Mapping Food Access in Rural Communities in the United States - **Ashley McCarthy**
- Unravelling the hidden resistance: metagenomic insights into antibiotic resistance genes and microbial diversity in raw and pasteurized cheese - **Felipe Machado De Santanna**
- Climate Impacts on Local Crop and Nutrient Availability - **Tung-Lin Liu**
- Investigating the impact of complementary root system architecture and exudate profiles on yield and nutrition of corn, bean, and squash grown in co-culture - **Bailey Kretzler**
- Utilizing a targeted feeding strategy to increase the amount of bioactive lipids in dairy - **Andrew Magnuson**
- Examining the link between the root fungal microbiome and floral traits in northern highbush blueberry - **Sandra Nnadi**

9:00 AM Session 1: Welcome

Join us in **the Silver Maple Ballroom**, for a session that the stage for the summit with welcome remarks and two presentations that remind us why food systems research is so timely and important.

- **Welcome Address & UVM Food Systems History:** Dean Leslie Parise
- **Land Acknowledgement:** Director Polly Ericksen
- **Introducing the FSRC:** Director Polly Ericksen
- **The Promise of a New Food Systems Research Center: Part I**
 - **Why engaged research on food systems?**
 - Becca Jablonski, Colorado State University

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10:00 AM Ribbon Cutting

Walk 0.2 miles to **the Patrick Leahy Building** f/k/a Hills Agricultural Sciences Building. We will be attending the ribbon cutting ceremony (at 10:15am) for this newly renovated building.

- **Speakers:**
 - UVM President Suresh Garimella
 - Senator Patrick Leahy

We'll return to the Davis Center for the coffee and continuation of the Summit.

11:00 AM - Session 2: Panel

This is a continuation of Session 1's discussion of a regional approach to food systems research.

- **The Promise of a New Food Systems Research Center: Part II**
 - **Why regional food systems?:**
 - Moderator: Meredith Niles, UVM
 - Kim Niewolny, Virginia Tech Center for Food Systems and Community Transformation
 - Jude Barry, Michigan State University Food Systems Center;
 - Karen Nordstrom, Food Solutions New England

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11:30 AM - Session 3: Short Talks with Q&A

In this session we will introduce some exciting new innovations that may "solve" some of the challenges facing food systems. We anticipate lively discussion.

- **What can we achieve with policy?:** Chelsea Gazillo, American Farmland Trust
- **Food Justice:** Fritz Boettner, WVU Food Justice Lab
- **Innovations in addressing wasted food:** Roni Neff, Johns Hopkins University
- **Food Hubs: A key link in the food system value chain:** Peter Allison, Farm to Institution New England
- **Balancing Social welfare Concerns with the Promise of Food Technology:** Leland Glenna, Penn State

1:00 PM - Lunch

Buffet lunch will be served featuring Mediterranean fare.

2:00 PM - Session 4: Panel Discussion

In the morning we defined the New England food system and heard about some possible solutions. This afternoon we would like to ask invited researchers to respond. This panel will discuss how research can foster solutions for different dimensions to make them more equitable, sustainable or resilient. Moderator: Polly Ericksen, FSRC Director

- **Global policy perspective:** Parke Wilde, Tufts University
- **Technology optimist:** Andrea Liceaga, Purdue University
- **Climate:** Rachel Schattman, University of Maine
- **Nutrition advocate:** Sean Cash, Tufts University
- **Farm livelihoods advocate:** Laurie Beyranevand, Vermont Law and Graduate School
- **Sustainable agriculture perspective:** Sarah Beebout, USDA Agricultural Research Service

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3:30 PM - Session 5: Breakout Sessions

In these sessions, we'll debate hot food systems controversies. This session has multiple purposes: to elucidate why we need a food systems approach, to challenge accustomed narratives, and to build community.

- **Should New England feed New England? What are the tradeoffs for sustainability, resilience, and equity?** Chris Peters, USDA-ARS
- **Will technology save our food system?** Vagner Benedito, WVU and Lutz Grossman, UMass Amherst
- **What does a "healthy" diet look like: unpacking the environmental, social, and nutritional dimensions of "healthy"** Cindy Davis, USDA, Ryan Galt, UC Davis and Naomi Fukagawa, USDA

5:00 PM - Closing Session

Reconvene in the Maple Ballroom for a closing session and to discuss concrete next steps.

5:30 PM - Reception

Head to the Sugar Maple Ballroom for cash bar, nibbles, and conversation.

Music by "The Davis Center String Band."

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Who We Are

UVM's Food Systems Research Center (FSRC) is the first USDA-funded research center to study the interconnectedness of all parts of a regional food system, from farm practices to food access.

Through one-of-a-kind USDA grants, we offer the opportunity to work alongside USDA Agricultural Research Service (ARS) researchers on campus at our research station at UVM to study regional food systems holistically. This closeness increases possibilities for collaboration, breakthrough discoveries, sustainable funding partnerships, and wide-reaching positive change in our region and beyond.

\$3.7M

IN RESEARCH, TRAINING, AND
EQUIPMENT FUNDING

56%

SUCCESS RATE ON EXTERNAL
FUNDING APPLICATIONS

100+

FUNDED FACULTY, STAFF AND
STUDENT COLLABORATORS

\$10M

IN INFRASTRUCTURE
IMPROVEMENTS

4:1

RETURN ON FSRC SEED
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