

Welcome to Food System and Networking!

What does Food System and Networking stand for?

Building Agriculture Teachers' Network through Empowering Food Entrepreneurship.

Project Overview

Food System and Networking is a 3-year USDA-funded project from 2026 to 2028. The program is designed to empower educators to teach STEM through food systems while increasing agricultural and STEM literacy. In addition, the project supports students' entrepreneurial readiness.

Our Objectives

- **Empowering Educators:** Develop an iSTEM project-based hydroponics curriculum that focuses on teaching STEM through food systems;
- **Teachers' STEM and agricultural literacy:** build a year-long teacher professional program to increase urban agriculture high and middle school teachers' STEM and agricultural literacy and teaching capacity;
- **Entrepreneurial Readiness:** inspire and develop students' food entrepreneurial readiness and intentions; and,
- **Teachers' Networking:** establish an effective and sustainable urban agricultural educator network to continually support teachers' professional growth.

Impact & Collaboration

We are currently partnering with nine teachers from four states, including science and agriculture teachers. Our team consists of experts in educational research, hydroponics experts, teacher professional development, food safety experts, and entrepreneurship experts.

Who is on our team?

PI: Hui-Hui Wang, co-PI: Neil Knobloch, Dr. Krishma Nemali, Dr. Ariana Torres, Dr. Amanda Deering, Dr. Nathan Shoa; Graduate Students: Rudan Wang