

Workshop Dates and Locations:

May 1, 2014

**University of Minnesota, St. Paul
Andrew Boss Laboratory of Meat
Science Building.
1354 Eckles Avenue, St. Paul
Room 223**

May 5, 2014

**Blue Earth County Historic Courthouse
204 S. 5th Street, Suite 310
Mankato, MN 56001
3rd Floor Conference Room**

Time: 8:30 a.m. - 4:00 p.m.

Registration begins at 8:30 a.m.; the workshop will begin promptly at 8:45 a.m.

Instructor: Dr. Joellen Feirtag, Associate Professor with the University of Minnesota Food Science and Nutrition Department and Food Safety Specialist with the University Extension.

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In accordance with the Americans with Disabilities Act, this resource is available in alternative formats upon request. Direct requests to 612-626-6602.

Course Overview

Environmental Monitoring Programs have become a critical part of a comprehensive Food Safety Program. These programs can act as early detection systems of a potential food microbial contamination event.

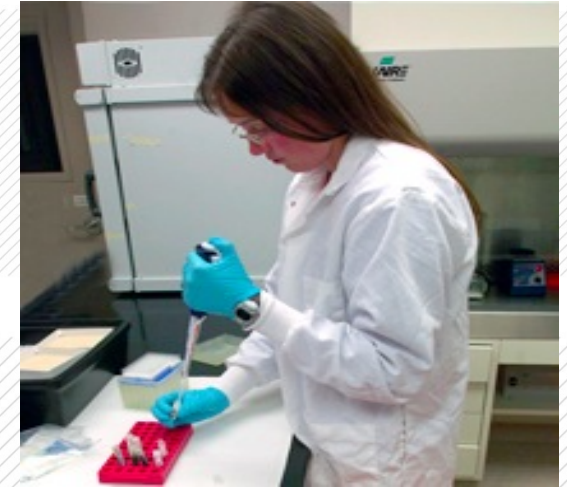
This Environmental Monitoring short course will focus on the prerequisite programs to HACCP (Hazard Analysis Critical Control Point) that will prevent the establishment and growth of pathogens in food plants as well as the unintentional introduction of undeclared allergens in food goods.

Participant will work in small groups to discuss and develop “best practices” for use in controlling microbial or allergenic contamination in food plants.

Who Should Attend

- ✓ Plant Managers and Supervisors
- ✓ Quality Assurance Personnel
- ✓ Ingredient Suppliers
- ✓ Sanitarians
- ✓ State and Local Regulators responsible for reviewing food service and food processing establishments

Food Plant Environmental Monitoring Workshop



**Hosted by: The University of
Minnesota Food Science and
Nutrition Department
And
University of Minnesota
Extension**

UNIVERSITY OF MINNESOTA
EXTENSION

Course Agenda

8:30 a.m. Registration Starts

8:45 a.m. Program Starts

First Session

Sources of Microbial Contaminations

- Processing Environment
- Food Handlers and Ingredients

The Role of EMP in the Food Safety Management Plan

- Building an effective EMP for target organisms such as Salmonella, Listeria, Enterbacteriaceae Family
- Understanding Plant Environment to determine What and Where to sample

12:00 p.m. – 1:00 p.m. Lunch

Second Session

The Zone Concept

- Defining Zones in Plant based in level of contamination risk
- Creating Plant Zone Map
- Methods for Sampling
- ATP Swabbing, Pathogen Swabbing, Air Sampling
- Data Review for Trend Analysis
- Use of Data and Logic to focus resources

Break out sessions will be held throughout the course

Course Summary and Review

REGISTRATION INFORMATION

Registration fee for the workshop is \$250.00 per person. Fee includes instructional materials, snacks and refreshments.

Register online at

<https://www.regonline.com/FoodPlantStPaulMankato>

or send check (made payable to University of Minnesota) along with the Registration Form to:

UM Extension Registration

130 LES

1954 Buford Avenue

St. Paul, MN 55108

Cancellations made less than 2 full business days before the start of the workshop will be granted a full refund minus a \$25 processing fee.

Parking Information:

St. Paul – Pay Lot S on Commonwealth Avenue (Between Cleveland and Eckles Avenues)

Gortner Avenue Ramp
1395 Gortner Avenue
St. Paul, MN 55108

Mankato – Parking is open to the public in all of the 3 lots surrounding the courthouse

REGISTRATION FORM

ENVIRONMENTAL WORKSHOP

Mankato St. Paul

Name

Company

Position

Address

City / State / Zip Code

Phone Number

Email

For Further Questions:

For Registration questions please contact Holly Andruschak, Associate Program Director Extension Food Safety by email at handrusc@umn.edu