

**Title: Enhanced Global Information Sharing and Analysis to Improve Response to Critical Infrastructure Insults**

**Principal Investigator:** Amy Kircher, University of Minnesota-Twin Cities

**Center of Excellence:** Food Protection and Defense Institute (FPDI)

**COE Lead/Co-Lead Institution:** University of Minnesota

**Project Start Date:** 12/2013

**Project Completion Date:** 01/2016

**Project Status:** Complete

**Research Theme:** Information Sharing

**Participating State(s):** Minnesota

**Amount Awarded to Date:** \$40,304

**Award Number:** 2010-ST-061-FD0001

**Abstract:** This project proposes to research the legal barriers, perceptions, and company policies that allow or prohibit regular and proactively shared information on food system issues and/or disruptions. This information sharing is key to identifying threats to the food system from intentional adulteration (e.g. ingredient substitution, using food as a delivery mechanism for weapons of mass destruction), thus initiating the appropriate response to mitigate adverse consequences posed to human and animal health from ingestion of contaminated food products. The outcome of this research will provide new knowledge gained on industry procedural and technical information sharing requirements to help inform the private sector and regulators in determining information sharing procedures. Additionally, research outcomes will support transition of food and agriculture sector tools by identifying the requirements for information sharing for use within the tools (e.g., data access rights).

**End User Engagement:**

- DHS Science and Technology Directorate
- Food and Agriculture Industries
- Food and Drug Administration
- State and Local Public Health Agencies
- U.S. Department of Agriculture

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