

# Food Fraud – An International Perspective

Food Fraud – the Analytical Tools Conference

UK Department for the Environment and Rural Affairs (DEFRA)  
Food and Environment Research Agency (FERA)  
February 27, 2014 – 10:05 to 10:20am  
York, United Kingdom

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# Curriculum

## **MOOC – Food Fraud Overview – March 31 & April 7**

<http://foodfraud.msu.edu/mooc/>

## **Graduate Courses (Online, Three Credits)**

- Anti-Counterfeit & Product Protection (Food Fraud)
- Quantifying Food Risk
- Packaging for Food Safety
- Food Protection and Defense
- Global Food Safety

## **Certificate (Online, Four Courses Each)**

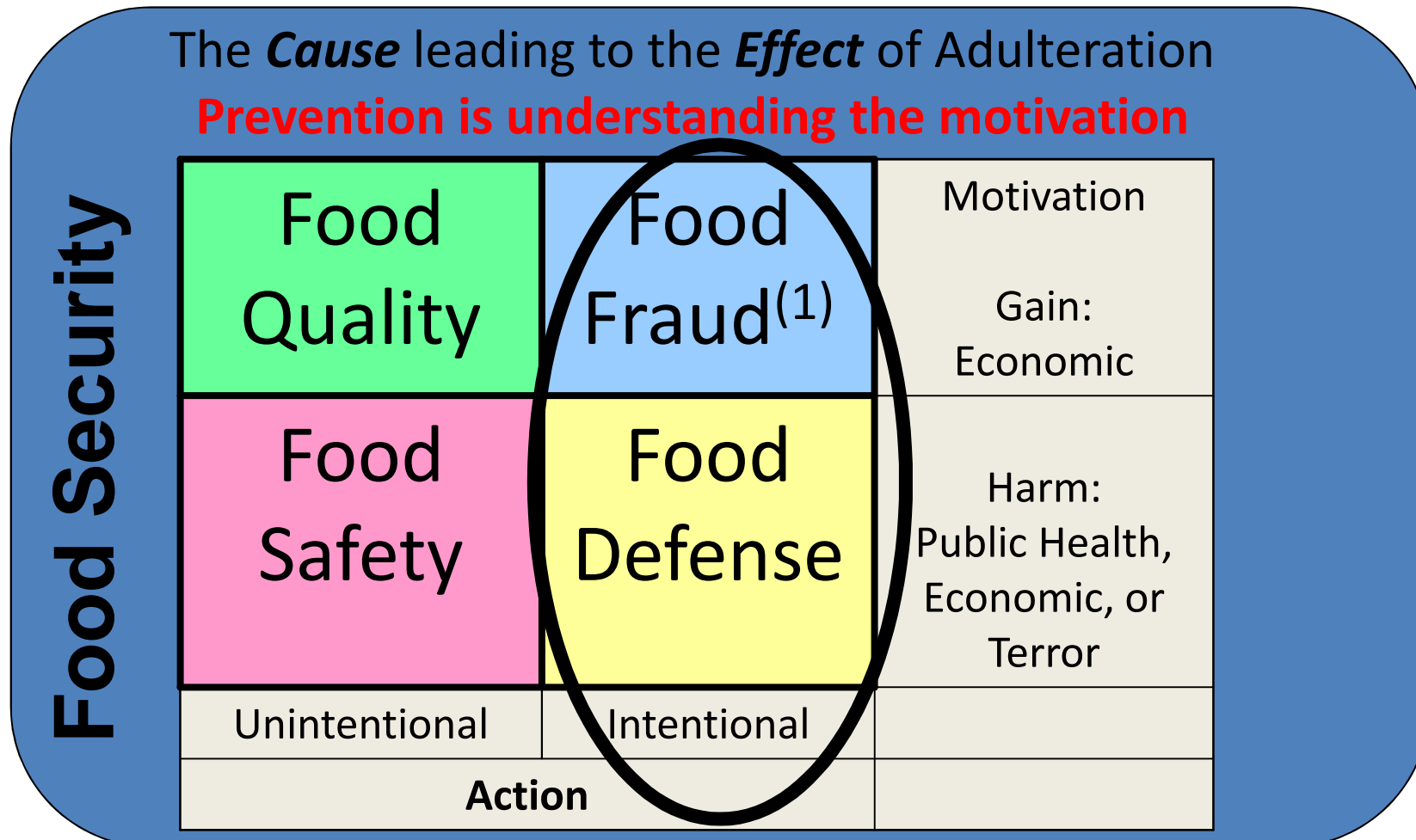
- Graduate Certificate in Food Fraud Prevention (Food Safety)

**WARNING:**  
**Counterfeiters Attend  
Anti-Counterfeit  
Conferences**

# The Food Risk Matrix

The *Cause* leading to the *Effect* of Adulteration

**Prevention is understanding the motivation**



Source: Adapted from: Spink (2006), The Counterfeit Food and Beverage Threat, Association of Food and Drug Officials (AFDO), Annual Meeting 2006; Spink, J. & Moyer, DC (2011) Defining the Public Health Threat of Food Fraud, Journal of Food Science, November 2011

# The Chemistry of the Crime

Detect

Deter

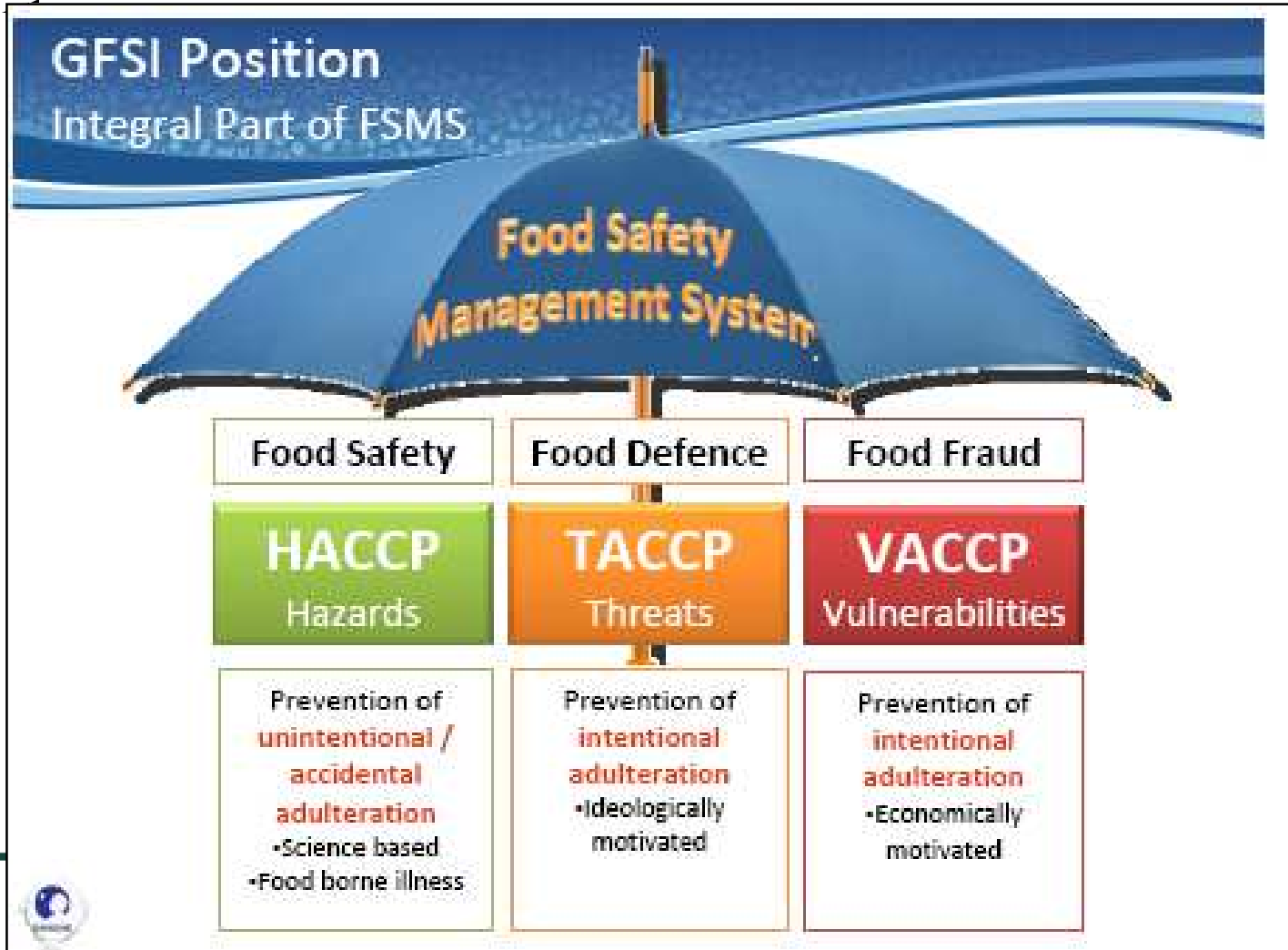
Prevent



*Are we disrupting the Chemistry of the Crime?*

# Approaches to Prevent Food Fraud







# Global Activities

- UK Elliott Review (Food Fraud)
- EP/EU Resolution (Food Fraud)
- Interpol Operation Opson I, II, III (Food Crime/ IP)
- US Food Safety Modernization Act –
  - Intentional Adulteration/ Economically Motivated Adulteration
  - Congressional Research Service report on Food Fraud (1/2014)
  - GAO report on FDA and EMA (10/2013)
- GFSI Guidance Document
- PAS 96 Review of Food Fraud
- ISO TC 247 Fraud Countermeasures and Controls
- GMA: Brand Protection, Consumer Product Fraud, etc.
- US Pharmacopeia/ Food Chemicals Codex (Adulteration)
- Corporate Processes and Systems
  - Quality/ Six Sigma
  - Enterprise Risk Management/ Chief Risk Officer
  - Situational Crime Prevention/ Crime Science

# Discussion

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