



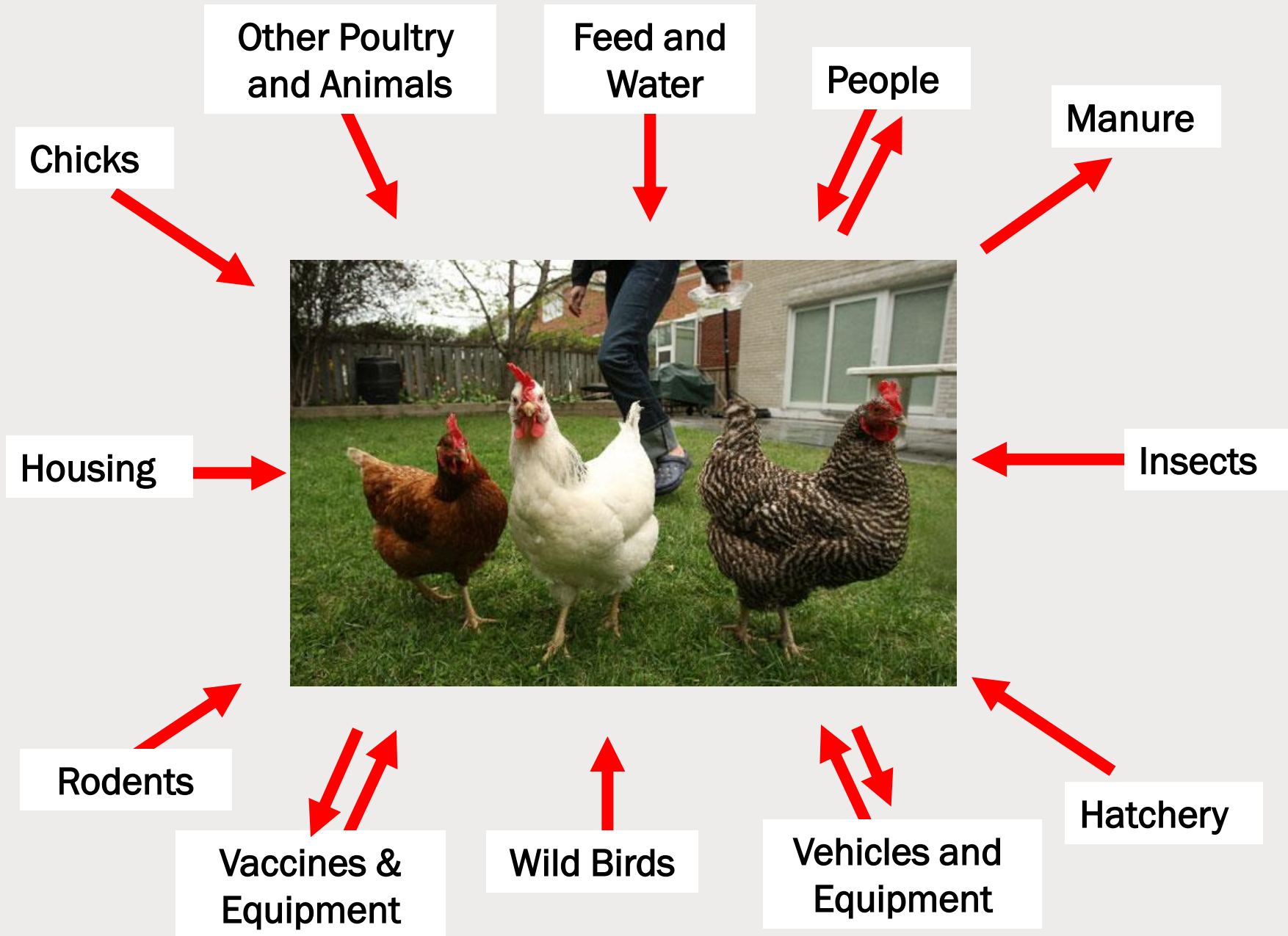
# BIOSECURITY

## DEFEND THE FLOCK

Dr. Yuko Sato

Dr. Mohamed El-Gazzar

ISU College of Vet Med students



# What is biosecurity?

Good → better → best

- “Bio-” = life; “-security” = protection
- Following general good practices and using your best judgement to prevent introducing disease
- **T**raffic control
- **I**solation
- **P**est control
- **S**anitation

**GOOD:** Take care of your birds from youngest to oldest for your chores.

**BETTER:** Take care of youngest to oldest, healthy to sick for your chores.

**BEST:** Do all of the above and have a “sick pen” and visit them last.

**Change clothing and wash boots before you go back to other birds.**



**GOOD:** Wash your hands and change into clean clothes after visiting other flocks, shows, etc

**BETTER:** Wear disposable coveralls, wash your hands and boots when visiting other flocks, shows, etc

**BEST:** Have designated farm coveralls and boots for your own farm, and don't visit any of your birds after going to shows or after visiting other birds



**GOOD:** Wash feces, feathers, etc off before using borrowed or shared farm equipment

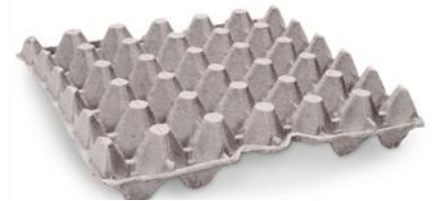
**BETTER:** Clean and disinfect with good down-time before using borrowed or shared farm equipment

**BEST:** Have your own set of farm equipment that is shared by nobody but you, and clean and disinfect between new flocks



# Equipment

- Drinkers and feeders
- Egg collection equipment
- Crates
- Shovels
- Testing equipment



# Necropsy and Sampling Equipment



C & D  
Disinfectant Soap  
Rubbing Alcohol



**Now it's time for a demonstration!**

