Pl P 590: Extension Experience (1 cr.)

Instructors: Daren Mueller, Alison Robertson, Greg Tylka, Laura Jesse, Lina Rodriguez-Salamanca

Dates: Summer

Prereq: Pl P 408/508

Summary:
Gaining extension experience is not often widely available for graduate students. This course provides a supervised learning experience in several Extension settings related to plant diseases.

Details:
Students will be required to...

- Attend 2 field days at the ISU Field Extension Education Laboratory near Boone or ISU Horticulture Research Station.
  - Students will be expected to write a 500-1000 word essay discussing their thoughts on effective teaching, differences in teaching styles, and working with different audiences based on their observations at the field days.
  - Student will be involved in developing a program evaluation for the selected field day
  - Student will develop a success story or an impact statement of the attended field day
- Write 2 blog posts (http://crops.extension.iastate.edu or http://www.ipm.iastate.edu/ipm/hortnews/), 5 tweets (Twitter.com) and 2 Facebook posts (https://www.facebook.com/ISUPIDC) regarding plant diseases and/or extension events.
- Develop 1 video (2-3 min) delivering research-based information to Iowa’s stakeholders (agronomists, farmers, seed dealers, ag business). The subject of the video should be based on the students’ research project and can either be an overview of student’s project, or a key finding from their research.
- Assist plant diagnosticians in the Plant and Insect Diagnostic Clinic for 4 hours (2 sessions that are 2 hours each).
- Review and update a Plant disease from the Plant diseases sections at the clinic website http://www.ipm.iastate.edu/ipm/info/plant-diseases or
- or Create a new Plant disease fact sheet to be publish at http://www.ipm.iastate.edu/ipm/info/plant-diseases (list of topic provided by PIDC
- Help organize the annual field day for Plant Pathology and Microbiology, which is held in August.