

# Christie Shee

Purdue University, 901 W. State Street, West Lafayette, IN 47905

[csee@purdue.edu](mailto:csee@purdue.edu)

## Education

Ph.D. (in progress) Entomology, Specialization: Insect Ecology, Purdue University, West Lafayette, IN  
M.S. Animal Sciences, Specialization: Ruminant Nutrition, 2013, Purdue University, West Lafayette, IN  
B.S. Animal Sciences, Minors: Life Science, Music, 2010, Ohio State University, Columbus, OH

## Research Experience

- 06/17-Present      **Graduate Research Assistant, Department of Entomology, Purdue University**  
Study cucurbit floral volatiles and a male-produced aggregation pheromone on striped cucumber beetle preference for use in mass trapping.
- 06/14-03/15      **Research Technician, Department of Entomology, Purdue University**  
Collected data for "Does Fear Beget Fear? Risk-mediated habitat selection triggers predator avoidance at lower trophic levels."
- 01/14-08/14      **Research Technician, Department of Agronomy, Purdue University**  
Prepared and analyzed forage and soil samples to evaluate amaranth as an alternative crop.
- 03/11-12/13      **Graduate Research Assistant, Department of Animal Sciences, Purdue University**  
Studied fetal programming in cattle, focusing on the effects of feeding ethanol by-products to cows during pregnancy and/or lactation on calf development, feedlot performance, and carcass characteristics.

## Professional Experience

- 09/15-06/17      **Pet Food Specialist, Office of Indiana State Chemist, West Lafayette, IN**  
Regulatory feed control official for pet food products manufactured or distributed in Indiana. Ensured that products were licensed, truthful and not misleading, and compliant with the Indiana Commercial Feed Law and Animal Foods Rules and Regulations. If non-compliant, worked with companies to help them comply.
- 02/16-06/17      **State Regulator Round Table Discussion**  
Initiated and organized a monthly webinar to discuss trends and concerns in the pet food industry, to create consensus and consistency in state label reviews, and to encourage cohesive enforcement amongst states.
- 09/16-06/17      **Association of American Feed Control Officials (AAFCO) Pet Food Committee**  
Team leader of the Pet Food Labeling Modernization Nutritional Adequacy and Feeding Directions workgroup, whose task was to review and consider changes to pet food labeling to increase transparency and safety. Designated AAFCO representative for the 2016 National Animal Supplement Council Annual Meeting.

## Teaching Experience

- Spring 19, Fall 18      **General Entomology Laboratory, Instructor (4 Sections)**  
Topics included insect anatomy and identification of taxonomic orders.
- 03/19      **Insect Ecology, Discussion Leader**
- 09/18      **The Animal, Guest Lecturer**

## Publications

Peer-reviewed:

- 2018 **C. N. Shee**, R. P. Lemenager, and J. P. Schoonmaker. 2018. Feeding dried distiller's grains with solubles to lactating beef cows: impact of excess protein and fat on post-weaning progeny growth, glucose tolerance and carcass traits. *Animal*. 12(4):750-756.
- 2016 **C. N. Shee**, R. P. Lemenager, and J. P. Schoonmaker. 2016. Feeding dried distiller's grains with solubles to lactating beef cows: impact of excess protein and fat on cow performance, milk production and pre-weaning progeny growth. *Animal*. 10(1):55-63.
- 2015 **C. N. Shee**, R. P. Lemenager, and J. P. Schoonmaker. 2015. Effect of corn condensed distillers solubles or corn dried distiller's grains during gestation or lactation on cow performance, milk production, and preweaning progeny growth. *Professional Animal Scientist*. 31:11-19.
- 2013 J. P. Schoonmaker, K. T. Korn, K. N. Condron, **C. N. Shee**, M. C. Claeys, and R. P. Lemenager. 2013. Effect of decreasing dietary cation anion difference (DCAD) on feedlot performance, carcass characteristics, and beef tenderness. *Journal of Animal Science*. 91(12):5762-5768.

Extension:

- 2019 DIY traps for striped cucumber beetle management. *Purdue Vegetable Crops Hotline*. 656:4-5.

## Presentations

Invited:

- 2019 If they smell it, they will come: Chemical cues in striped cucumber beetle mass trapping. Master Gardeners Association of Tippecanoe County, West Lafayette, IN.

Academic:

- 2018 **C. N. Shee**, H. Zhu, Z. Szendrei, I. Kaplan. Come together (over me): Aggregation pheromones and floral volatiles in striped cucumber beetle mass trapping. Entomological Society of America Joint Annual Meeting, Vancouver, Canada.
- 2013 J. P. Schoonmaker, M. Engstrom, K. N. Condron, **C. N. Shee**, and R. P. Lemenager. Effect of supplementing gestating and lactating beef cows with supranutritional concentrations of vitamin D on cow production and pre-weaning growth of the calf. American Dairy Science Association and American Society of Animal Science Joint Annual Meeting, Indianapolis, IN.
- 2013 **C. N. Shee**, M. C. Claeys, R. P. Lemenager, and J. P. Schoonmaker. Effect of feeding distiller's dried grains with solubles during lactation on milk fatty acid composition. American Society of Animal Science Midwest Meeting, Des Moines, IA.\*
- 2013 **C. N. Shee**, R. P. Lemenager, M. C. Claeys, and J. P. Schoonmaker. Dietary inclusion of condensed distillers solubles in gestating and lactating beef cows. American Society of Animal Science Midwest Meeting, Des Moines, IA.\*
- 2013 **C. N. Shee**, R. P. Lemenager, M. C. Claeys, and J. P. Schoonmaker. Effect of feeding distillers dried grains with solubles during lactation on feedlot performance and carcass characteristics of steer progeny. American Society of Animal Science Midwest Meeting, Des Moines, IA.
- 2012 **C. N. Shee**, R. P. Lemenager, M. C. Claeys, and J. P. Schoonmaker. Effect of feeding distillers dried grains with solubles during lactation on cow performance, milk composition and pre-weaning progeny performance. American Society of Animal Science Midwest Meeting, Des Moines, IA.
- \*Denotes poster presentation

## Professional Development

- 03/19 Purdue Veteran's Success Center Green Zone Training Student Panel
- 03/18 Center for Instructional Excellence Diversity and Inclusion Workshop
- 03/18 Center for Instructional Excellence Teaching Toward Diversity

## Affiliations

- 2018-Present Entomological Society of America