

Jesse Ray Evans

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Education

The Pennsylvania State University

2014-2019

Bachelor's of Science, Wildlife and Fisheries Science
Minor, English, Biology

Employment

The Pennsylvania State University, Dept. of Entomology, University Park, PA, *Research Assistant*

- May 2019–Present
- Full-time (40 hrs/week)
- Facilitate research of arthropod pests of animals. Direct duties include recruiting hunters from three states as part of a deer ectoparasite study; sampling white-tailed deer for ectoparasites; trapping, tagging, and studying small mammals, such as mice and voles; building and maintaining a website about arthropod pests of animals focusing on community outreach and education; and collaring, trapping, and inspecting mange infected bears.

U.S. Fish and Wildlife Service and Habitat Forever, State College, PA, *Habitat Specialist*

- March 2017–May 2019
- Full-time (40 hrs/week) and Part-time (10+ hrs/week)
- Communicate with individuals and local and state governments to permit and implement stream restoration projects across Pennsylvania. After implementation, monitor, survey, and analyze the results.

Centre Wildlife Care, Port Matilda, PA, *Supervisor*

- May 2017–August 2017
- Full-time Paid Internship (42 hrs/week)
- Oversaw the care—including feeding, cleaning, and medicine administration—of more than one hundred animals, as well as trained and directed volunteers. Represented Centre Wildlife during wildlife shows, family events, and educational programs.

Publications

Poh, K. C., **J. R. Evans**, M. J. Skvarla, P. Olafson, G. Hickling, J. Mullinax, and E. T. Machtinger. (*In Prep*). Patterns of deer ked (Diptera: Hippoboscidae) and tick (Ixodida: Ixodidae) infestation on white-tailed deer (*Odocoileus virginianus*) in the eastern United States.

Evans, J. R., Poh, K. C., Skvarla, M., and Machtinger, E. (*Accepted*). The keds are alright: community collection of ticks (Ixodida: Ixodidae) and keds (Diptera: Hippoboscidae) from hunter-harvested deer. *Annals of Entomological Society of America*.

Skvarla, M. J., R. T. Fryxell, R. Butler, C. Jones, M. Burrell, S. Bacca, K. C. Poh, **J. Evans**, and E. Machtinger. 2020. Additional new state and country records for North American deer keds (Diptera: Hippoboscidae: Lipoptena). *The Journal of the Entomological Society of Ontario*.

Poh, K. C., M. Skvarla, **J. R. Evans**, and E. Machtinger. 2020. Collecting *Lipoptena cervi* (Diptera: Hippoboscidae) and ticks (Parasitiformes: Ixodidae) from hunter-harvested deer. *Journal of Insect Science*.

Skvarla, M. J., K. C. Poh, **J. R. Evans**, and E. Machtinger. 2020. Technique for dissecting the salivary glands from the abdomens of deer keds (Diptera:Hippoboscidae: Lipoptena Nitzsch, 1818 and Neolipoptena Bequaert, 1942). *Journal of Insect Science*.

Presentations and Other Media

Evans, J. R., K. C. Poh, M. J. Skvarla, and E. Machtinger. (March 2021). These keds are alright: engaging the community in arthropod collections from hunter-harvested deer. Invited speaker. Take a Walk on the Wild Side: Exploring the Intersection of Wildlife and Entomology. Eastern Branch ESA. Virtual Symposium.

Poh, K. C. H. Tiffin, **J. R. Evans**, J. E. Brown, M. J. Skvarla, and E. T. Machtinger. (In Prep). Tales From the Field: Training Undergraduate Researchers for Fieldwork. *American Entomologist*. Narrative article.

Evans, J. Hunters and Vector-borne Disease: A Tick-ing Time Bomb. 2020. Penn State Vector Borne Disease Extension Team. Presentation. Tick Webinar Series. University Park, PA

Gerry, A., **J. R. Evans**, R.T. Fryxell, L. Domingues, B. Smythe, A. C. Murillo, K. Rochon, P. E. Kaufman, P. Olafson, D. Taylor, and E. T. Machtinger. VeterinaryEntomology.org. Website.

Service

Centre Wildlife Care, Volunteer Supervisor

- July 2016–Present
- Oversee the care—including feeding, cleaning, and medicine—of more than one hundred animals, as well as train and direct more than thirty volunteers. Represent Centre Wildlife during wildlife shows, family events, and educational programs.

Penn State Bird Banding Station, Bird Bander

- Fall 2018, Fall 2019
- Erected and maintained twelve mist nets at a bird banding station adjacent to Penn State campus. Safely untangled and processed—identified species, aged, banded, etc.—several passerines a day during fall migrations.

Outreach

State College Farmers' Market, 2019

- Vector-borne Disease Educator

Great Insect Fair, 2019

- Vector-borne Disease Educator

Delgrosso's Harvest Festival, 2019, 2018, 2017

- Wildlife Educator/Raptor Handler

Wild About Animals, 2019, 2017

- Wildlife Educator/Raptor Handler

Millbrook Marsh Earth Day Event, 2018

- Wildlife Educator

WPSU Eventapalooza, 2016

- Educator

Awards and Achievements

Jury Selected Winner, Penn State Libraries Short Story Writing Contest, Fall 2018