

Peyton Svagerko

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Gainesville, FL

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Education

University of Florida – Gainesville, FL

Expected May 2025

Ph.D., Veterinary Medical Sciences

Dissertation title: Why do horses with both PPID and EMS have an increased risk of developing laminitis?

Clemson University – Clemson, SC

Aug 2019 – Aug 2021

M.S., Animal Sciences, emphasis in Equine Nutrition

Thesis title: Equine gastric ulcer syndrome; a pilot study: associated biomarkers and polysaccharide supplementation as a solution

B.S., Animal and Veterinary Sciences, Equine Business concentration

Aug 2015 – Aug 2019

Professional Experience

Graduate Assistant

Jan 2022 - Present

University of Florida, College of Veterinary Medicine – Gainesville, FL

Supervisor: Dianne McFarlane, DVM Ph.D.

Responsibilities:

- Analyze equine plasma and serum samples via ELISA
- Analyze statistics of data from previous and current research
- Organize large data sets

Graduate Teaching Assistant

Aug 2021 – Dec 2021

Oklahoma State University, College of Veterinary Medicine – Stillwater, OK

Supervisor: Dianne McFarlane, DVM Ph.D.

Responsibilities:

- Composed lab course content
- Delivered lab course content via traditional lecture format
- Mentored first-year veterinary students

Graduate Teaching Assistant/Instructor of Record

Aug 2019 – May 2021

Clemson University – Clemson, SC

Supervisor: Kristine Vernon, Ph.D.

Responsibilities:

- Delivered course content via traditional, virtual synchronous, and virtual asynchronous formats
- Composed course syllabi, hands-on activities, and assignments
- Obtained funding for graduate research, independently developed research protocol

Equine Veterinary Technician

Krause Equine Veterinary Services – Anderson, SC

Supervisor: Morgan Krause, DVM

Responsibilities:

- Assembled and set up equipment: chiropractic and dental
- Managed daily operations and scheduling appointments
- Communicated with clients regarding animal care and took deposits

Undergraduate Teaching Assistant

Clemson University – Clemson, SC

Supervisor: Kristine Vernon, Ph.D.

Responsibilities:

- Organized hands-on activities and assignments
- Instructed lab courses in horse care management
- Mentored and tutored undergraduate students

Scholarships, Awards, and Leaderships

Equine Science Society Graduate Competition; 1 st in Nutrition Section	Jun 2021
Procured full funding for graduate research	May 2019
Captain of the Clemson University Club Softball Team	Jan 2017-2019
Team Manager of the Clemson University Equestrian Team	Aug 2016-2019
CAFLS Outstanding Senior Award	Spring 2019
Graduated from Clemson University with Honors	Spring 2019
South Carolina Life Scholarship	Fall/Spring 2015-19
Clemson University Dean's List	Fall/Spring 2015-19

Professional Memberships

Equine Science Society 2019 – Present

Peer-Reviewed Publications

Monographs

Svagerko, P.V. *Equine gastric ulcers; a pilot study: associated biomarkers and polysaccharide supplementation as a solution.* M.S. Thesis, Clemson University Clemson, SC.

Manuscripts in Progress/Review

Svagerko, P.V., W.C. Bridges, E. Jesch, S. Pratt-Phillips, B.S. Perron, and K.L. Vernon. *Equine gastric ulcers; a pilot study: associated biomarkers and polysaccharide supplementation as a solution.* J. Eq. Vet. Sci.

Perron, B.S., A.B. Ali, **P.V. Svagerko,** and K.L. Vernon. *The influence of severity of gastric ulceration on horse behavior and heart rate variability.* J. Vet. Behav.

Conference Proceedings

Svagerko, P.V., W.C. Bridges, E. Jesch, S. Pratt-Phillips, B.S. Perron, and K.L. Vernon. *Equine gastric ulcers; a pilot study: associated biomarkers and polysaccharide supplementation as a solution.* Equine Science Society 2021 Virtual Meeting. Abstract 55.

Perron, B.S., A.B. Ali, **P.V. Svagerko**, and K.L. Vernon. 2021. *The influence of severity of gastric ulceration on horse behavior and heart rate variability*. 2021 Virtual International Congress of the International Society Applied Ethology.

Research Funding

Funded Proposals

\$4,000, *Effects of Alimend® on digestibility of horses at risk of ulcers*, Clemson University Creative Inquiry 2020

\$30,000, *Equine gastric ulcers; a pilot study: associated biomarkers and polysaccharide supplementation as a solution*, Clemson University Graduate Research 2019

Gift-in-kind

\$3,360 in product; 12 1-gallon containers of Biozyme's© Vitalize Alimend® for: *Equine gastric ulcers; a pilot study: associated biomarkers and polysaccharide supplementation as a solution*. 2019.