

Peyton Teague

11405 S Choctaw Rd
Newalla, OK 74857

(843) 312-9644
pvsvager@gmail.com

Education

University of Florida, CVM – Gainesville, FL Jan 2022 – Aug 2025
Ph.D., Veterinary Medical Sciences
Dissertation topic: Mechanism of hyperinsulinemia in horses with insulin dysregulation

Oklahoma State University, CVM – Stillwater, OK Aug 2021 – Dec 2021
Ph.D., Comparative Biomedical Sciences
Dissertation topic: Mechanism of hyperinsulinemia in horses with equine metabolic syndrome

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

Equine Nutrition Consultant Jul 2025 – Present
Pivotal Equine Nutrition – Newalla, OK
Supervisor: Self employed
Responsibilities:

- Conduct individualized equine nutrition assessments using forage analysis and NRC based diet evaluation
- Develop evidence-based feeding programs for horses
- Translate equine nutrition and research into practical recommendations for clients

Graduate Assistant Jan 2022 – Aug 2025
University of Florida, CVM – 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, CVM – 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

Jan 2021 – Aug 2021

Krause Equine Veterinary Services – Anderson, SC

Supervisor: Morgan Krause, DVM

Responsibilities:

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

Undergraduate Teaching Assistant

Aug 2018 – Dec 2018

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

Health and Wellness Committee, German Shorthaired Pointer Club of America	2022 - Present
Equine Science Society Graduate Competition; 1 st in Nutrition Section	Jun 2021
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

German Shorthaired Pointer Club of America
Equine Science Society

2022 – Present
2019 – Present

Peer-Reviewed Publications

Monographs

Svagerko, P.V. *Mechanism of hyperinsulinemia in horses with insulin dysregulation.* Ph.D. Dissertation, University of Florida Gainesville, FL.

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

Teague, P.S., M. Dark, D. Verdugo, N. Frank, D. Freeman, D. McFarlane. *Pancreatic islet remodeling in horses with hyperinsulinemia and pituitary dysfunction.* Domest. Anim. Endocrinol.

McFarlane, D., M. A. Breshears, L. K. Maxwell, M. Cordero, H. E. Banse, **P. Svagerko,** T. Denagamage. *Performance of antemortem diagnostic testing for equine pituitary pars intermedia dysfunction using pituitary gland histology as the reference standard.* TVJ.

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.

Manuscripts in Progress/Review

Teague, P.S., H. Banse, A. Lovett, D. McFarlane. *Glucagon-Like Peptide-1 Dynamics and Effects of Pergolide Treatment on the Insulin Axis in Horses with Endocrine Disease.* Domest. Anim. Endocrinol.

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.

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.

References

Dianne McFarlane, DVM PhD
Chair and Professor, Large Animal Clinical Sciences, University of Florida CVM
2015 SW 16th Ave Gainesville, FL 32608
Work: [\(352\) 294-4320](tel:3522944320)
Email: dmcfarlane1@ufl.edu

Lori Warren, PhD
Associate Professor, Equine Nutritionist, University of Florida
2250 Shealy Dr Gainesville, FL 32611
Work: (352) 392-1957
Email: lkwarren@ufl.edu

Kristine Vernon, PhD
Associate Dean of Clemson Honors College and Professor, Clemson University
135 Poole Agricultural Building Clemson, SC 29634
Work: (864) 656-4028
Email: kvernon@clemson.edu

Morgan Krause, DVM
Equine Veterinarian at Krause Equine Veterinary Services, LLC
713 Windsor Drive Anderson, SC 29621
Work: (864) 376-0616
Email: krauseequine@gmail.com