

SURNAME AND NAME	Valberg, Stephanie Jane
Academic Category / Dedication / Contractual Level / Affiliation	Emeritus Professor, Retired from Michigan State University, College of Veterinary Medicine
Academic qualification (year obtained) / Other degrees	Degree in Veterinary Medicine (1983) / Doctor in Veterinary Medicine (1986) Diplomate of the American College of Sports Medicine and Rehabilitation (ACVSMR) (2011), American College of Veterinary Internal Medicine (ACVIM 1992)
Recent research experience	<p>Research areas or lines Muscle response to exercise and training in the horse Neuromuscular diseases of the equine athlete Muscle genomics of the athletic horse Equine nutrition</p> <p>Most recent and significant research projects 1. 2020-/2021US Trotting Association Grant \$41658 State-of-the-art analysis of muscle from standardbred horses with recurrent exertional rhabdomyolysis: Differences from Thoroughbreds and implications for treatment. PI SJ Valberg 2. 2020-2021 Grayson Jockey Club Research Foundation \$56,942 Novel Treatment for Recurrent Exertional Rhabdomyolysis. PI SJ Valberg 3. 2020/2022 Endowed Research Funds Grants MSU \$24,404 Characterizing the pathobiology of myotonic dystrophy in horses using an integrated multi-omics approach. PI SJ Valberg 4. 2021/2022 American Quarter Horse Foundation \$ 48,156 Diagnosis of type 2 polysaccharide storage myopathy. PI Sj Valberg, COI JL Petersen University of Nebraska, Lincoln.</p> <p>Most relevant publications (up to a maximum of 3) 1. Valberg SJ, Williams ZJ, Finno CJ, Schultz A, Velez-Irizarry D, Henry ML, Gardner K, Petersen JL. Type 2 polysaccharide storage myopathy in Quarter Horses is a novel glycogen storage disease causing exertional rhabdomyolysis. Equine Vet J. 2023 Jul;55(4):618-631. doi: 10.1111/evj.13876. Epub 2022 Sep 14. PMID: 36102343. 2. Valberg SJ, Velez-Irizarry D, Williams ZJ, Pagan JD, Mesquita V, Waldrige B, Maresca-Fichter H. Novel Expression of GLUT3, GLUT6 and GLUT10 in Equine Gluteal Muscle Following Glycogen-Depleting Exercise: Impact of Dietary Starch and Fat. Metabolites. 2023 Jun 1;13(6):718. 3. Valberg SJ, Williams ZJ, Henry ML, Finno CJ. Cerebellar axonopathy in Shivers horses identified by spatial transcriptomic and proteomic analyses. J Vet Intern Med. 2023 Jul-Aug;37(4):1568-1579. doi: 10.1111/jvim.16784. Epub 2023 Jun 8. PMID: 37288990; PMCID: PMC10365050.</p>
Work experience	Valberg Neuromuscular Diagnostic Laboratory 2023- present
Experience in virtual teaching and digital skills	<p>Experience in virtual teaching 5 years of experience in virtual teaching at Michigan State University 5 years of experience in virtual teaching for continuing education courses internationally</p> <p>Digital skills</p>

	Use of the virtual platform Moodle at the University of Minnesota Videoconferencing platforms: Webex, Zoom, Microsoft Teams
Dedication in Subjects in Master in Equine Sports Medicine	Diseases of the musculoskeletal system (Specific Module) 1 credit / Lecturer

Stephanie Valberg, Emeritus PROFESSOR at Michigan State University DECLARES the accuracy and veracity of the data contained in this document.

In Ocala Florida USA, February 19, 2024

Signed. Stephanie Valberg