

Stephanie A. Thomovsky

GENERAL INFORMATION

Current Address

Department of Veterinary Clinical Sciences
Purdue University College of Veterinary Medicine
625 Harrison St., West Lafayette, IN 47907-2026
Telephone: (765) 494-9548
Email: sthomovs@purdue.edu

Academic Record

2010	M.S., Purdue University
2005	D.V.M., Iowa State University
2001	B.S., Pennsylvania State University

Specialty Qualifications

2019	Certified in Veterinary Medical Acupuncture
2015	American College of Veterinary Internal Medicine Neurosurgery Certification
2012	Certified Canine Rehabilitation Practitioner, University of Tennessee, Knoxville, TN
2011	Board Certified, American College of Veterinary Internal Medicine (Neurology)

Employment

Academic Appointments

July 2017-Present	Clinical Associate Professor, Neurology and Neurosurgery, Department of Veterinary Clinical Sciences, College of Veterinary Medicine, Purdue University, West Lafayette, IN
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- Oct. 2014-Present Clinical Assistant Professor, Neurology, Department of Veterinary Clinical Sciences, College of Veterinary Medicine, Purdue University, West Lafayette, IN
- Oct. 2014-Present Director of the Purdue Physical Rehabilitation Service, College of Veterinary Medicine, Purdue University, West Lafayette, IN
- Sept. 2010-Sept. 2014 Clinical Assistant Professor, Neurology and Neurosurgery, Washington State University Veterinary Teaching Hospital, Pullman, WA

Other Professional Appointments

- July 2008-June 2010 Resident, Small Animal Neurology and Neurosurgery, Department of Veterinary Clinical Sciences, Purdue University, West Lafayette, IN
- July 2007-June 2008 Resident, Small Animal Neurology and Neurosurgery, Iowa State University Veterinary Teaching Hospital, Ames, IA
- July 2006-June 2007 Intern, Small Animal Neurology and Neurosurgery, Animal Neurology and Neurosurgery of Texas, Carrollton, TX
- July 2005-June 2006 Intern, Rotating Small Animal Medicine and Surgery, Oklahoma State University Center for Veterinary Health Science, Stillwater, OK

Awards and Honors

- 2022 Excellence in Teaching Award, Purdue University College of Veterinary Medicine, West Lafayette, IN
- 2020 Raymond E. Plue Outstanding Teacher Award, Purdue University College of Veterinary Medicine, West Lafayette, IN
- 2019 Zoetis Teaching Award (formerly Norden Teaching Award), Purdue University College of Veterinary Medicine, West Lafayette, IN
- 2017 Elected speaker class of 2018 White Coat Ceremony, Purdue University College of Veterinary Medicine, West Lafayette, IN
- 2016 Purdue University College of Veterinary Medicine’s Alumni Outstanding Teaching Award, West Lafayette, IN

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| 2016 | Recognition for Excellence in Teaching in Veterinary Medical Program (one of 10 recognized faculty), Purdue University College of Veterinary Medicine, West Lafayette, IN |
| 2014 | Zoetis Teaching Award (formerly Norden Teaching Award), Washington State University, Pullman, WA |
| 2013, 2012 | Jerry Newbrey Teaching Scholar Award, Washington State University, Pullman, WA |
| 2009 | Katie McCallister Compassion Award, Purdue University College of Veterinary Medicine, West Lafayette, IN |

Licenses

2006-2012	Texas
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Memberships in Academic, Professional, and Scholarly Societies

2001-Present	American Veterinary Medical Association (AVMA)
2011-Present	American College of Veterinary Internal Medicine (ACVIM)
2013-Present	American Association of Rehabilitation Veterinarians (AARV)

LEARNING

Courses Taught

The Senior Clinician is the faculty clinician in charge of clinical services.

Purdue University

CLINICAL COURSES								
Course Title	Course Number	Credit Hours	Responsibility	Total # of Students	Student Contact			Years
					# of Weeks	Hours/Week	Hours/Week = Year	
Clinical Physical Rehabilitation	VCS 82800	2	Senior Clinician	4	4	40	160	2020-Present
				0	48	40	1920	2020-Present
					52	40	2080	2014-2020
Clinical Neurology/Neurosurgery	VCS 82100	2	Senior Clinician	~5	17	40	680	2018-Present
					26	40	1040	2014-2018

DIDACTIC AND LABORATORY COURSES								
Course Title	Course Number	Credit Hours	Responsibility	Approx. No. of Students	Contact Hours			Years
					Lect	A&I	Lab	
Undergraduate Courses								
Careers in Veterinary Medicine	VM 10200	1	Lecturer	100	1			2015-Present
Professional Courses								
Veterinary Skills & Competencies VI	VCS 80320	2	Lab Instructor	44			4	2022-Present
Veterinary Skills & Competencies II (Behavior/Husbandry I & Diagnostic Technique)	VCS 80120 (VCS 80100)	2 (6)	Lab Instructor	84			2	2018-Present
							6	2014-2018
Veterinary Neuroscience & Neuroanatomy	BMS 81500	3	Lab Instructor	84			4	2019-Present
			Lecturer, Lab Instructor	84	7		6	2014-2017
Advanced Small Animal Surgery	VCS 84800	1.5	Lecturer	42			3	2021-Present
							1	2018-2020
Professional Skills II	VCS 80202	2	Lab Instructor	84			4	2019-Present
General Surgery Laboratory	VCS 81101	1.5	Lab Instructor	84			12	2020-Present
Small Animal Medicine II	VCS 80620	2.5	Lecturer	84	2.5			2021-Present
Small Animal Medicine IV	VCS 84701	2	Lecturer	84	2			2021-Present
Physiology of Domestic Animals: Muscle Physiology Lab	BMS 81100	3	Lab Instructor	100			2	2021-Present
Pharmacology	BMS 81400	3	Lecturer	100	2			2021-Present
Small Animal Medicine & Surgery I	VCS 80600	3.5	Lecturer	84	2			2015-2020
Advanced Small Animal Specialties	VCS 84700	2	Lecturer	42	1			2015-2020
Applications & Integrations I	VM 82000	3	Lecturer (wrap up)	84		1		2014-2017
Applications & Integrations II	VM 83000	3	Tutor	7		1		2015-2017
Graduate Courses								
Neurology Resident Clinical Training	VCS 61000	3-5	Lecturer	3	50			2014-Present
Current Topics – resident journal club & resident rounds	VCS 63000	3	Lecturer	3	50			2014-Present
Advanced Topics In Medicine	VCS 62100	2	Lecturer	8	1			2015-Present
Small Animal Intern Rounds	NA	NA	Lecturer	8	2			2016-Present
Supervised Surgical Laboratory Training in Small Animal Surgical Techniques and Approaches	VCS 60200	1	Lab Instructor	7	0		16	2018-Present
Large Animal Board Review	VCS 62100	1	Lecturer	5	2			2017, 2020, 2021

Washington State University

CLINICAL COURSES								
Course Title	Course Number	Credit Hours	Responsibility	Total # of Students	Student Contact			Years
					# of Weeks	Hours/Week	Hours/Year	
Clinical Neurology/Neurosurgery	VM 609	2	Senior Clinician	100	31.2	40	1248	2010-2014
Clinical Neurology/Neurosurgery - Advanced	VM 617	2	Senior Clinician	5	3	40	120	2010-2014

DIDACTIC AND LABORATORY COURSES								
Course Title	Course Number	Credit Hours	Responsibility	Approx. No. of Students	Contact Hours			Years
					Lect	A&I	Lab	
Professional Courses								
Small Animal Medicine II, neurology section	VM 552	3	Lecturer	100	8			2011-2014
Small Animal Clinical Problem Solving Class	VM 599	2	Lecturer	100	4			2011-2014
Pain and Analgesics	VM 593	1	Lecturer	20	1			2013-2014
Clinical communication skills course	VM 502	3	Lecturer	4	6			2010-2011
Graduate Courses								
Applied Anatomy	VM 517	3	Lecturer	100			4	2010-2014
Neuroanatomy	VM 521	3	Lecturer	100			8	2010-2014
Neurology Residents: Advanced Neurology	VMS 585	3-5	Lecturer	2	50			2010-2014
Neurology Journal Club	VMS 592	3	Lecturer	2-3	50			2010-2014
House officer Rounds	VM 570	3	Instructor of Record	20	50			2012-2014
			Lecturer	20	50			2010-2011
House Officer Guyton Class	VM 578	1	Lecturer	10	3			2011-2014
Combined Neurology/Neurosurgery Journal Club	VMS	1	Instructor of Record, Lecturer	5	10			2011-2014

Instructional Material Development

1. New lectures created in 2021 for VSAC VI – 4 lecture hours in total – topic physical rehabilitation laboratory
2. New lectures created in 2020 for VCS 84800 – 3 lectures in total – topic is physical rehabilitation

Audiovisual Program

1. Lectures recorded on Zoom for classes VCS 84800, VCS 84107, VCS 80602, and VM 10200

Graduate Student, Resident, and Intern Mentoring

Total number of graduate students, residents, and interns mentored is 26.

Graduate Residency Training Program – Advisor

Years	Name	Degree	Board Certification	Current Position
2022-Present	Dr. Jessica Linder	M.S., non-thesis	In training	Neurology Resident, Department of Veterinary Clinical Sciences, Purdue University
2017-2020	Dr. Hsuan-Ping Hong, Department of Veterinary Clinical Sciences, Purdue University	M.S., non-thesis	ACVIM (Neurology), 2021	Clinical Assistant Professor Neurology/ Neurosurgery, University of Missouri
2015-2018	Dr. Lindsey Peterson, Department of Veterinary Clinical Sciences, Purdue University	M.S., non-thesis	DACVIM (Neurology), 2018	Private Practice, WA

Graduate Residency Training Program – Member of Committee

Years	Name	Degree	Board Certification	Current Position
2021-Present	Dr. Go Togawa	M.S., non-thesis	In training	Neurology Resident, Department of Veterinary Clinical Sciences, Purdue University
2021-Present	Dr. Kate Spies	M.S., non-thesis	In training	Surgery Resident, Department of Veterinary Clinical Sciences, Purdue University
2021-Present	Dr. Satoshi Haginoya	M.S., non-thesis	In training	ECC Resident, Department of Veterinary Clinical Sciences, Purdue University
2019-2022	Dr. Tara Boozer, Department of Veterinary Clinical Sciences, Purdue University	M.S., non-thesis	Has taken both exams and passed one.	Private Practice, CO
2018-2021	Dr. Jaya Mehra, Department of Veterinary Clinical Sciences, Purdue University	M.S., non-thesis	ACVIM (Neurology), 2021	Private Practice, CA
2018-2021	Dr. Dillon Devathanan, Department of Veterinary Clinical Sciences, Purdue University	M.S., non-thesis	ACVIM (Neurology), 2021	Private Practice, Australia
2017-2021	Dr. Garrett Oetelaar, Department of Veterinary Clinical Sciences, Purdue University	M.S., non-thesis	DACVR, 2021 and ECVR, 2020	Private Practice, Canada

Table continues on the following page.

Graduate Residency Training Program – Member of Committee (CONTINUED)

Years	Name	Degree	Board Certification	Current Position
2014-2017	Dr. Amy Yanke, Department of Veterinary Clinical Sciences, Purdue University	M.S., non-thesis	ACVIM (Neurology), 2018	Assistant Professor Neurology/ Neurosurgery, Auburn University
2011-2014	Dr. Daniel Krull, Department of Veterinary Clinical Sciences, Washington State University	M.S., non-thesis	ACVIM (Neurology), 2014	Private Practice, OR
2010-2012	Dr. Heather Jones, Department of Veterinary Clinical Sciences, Washington State University	M.S., non-thesis	ACVIM (Neurology), 2012	Private Practice, NH
2010-2011	Dr. Jeanene Harris, Department of Veterinary Clinical Sciences, Washington State University	M.S., non-thesis	ACVIM (Neurology), 2011	Private Practice, TX

Residency Training Program – Member of Committee

Years	Name	Board Certification	Current Position
2016-2019	Dr. Kelly Cummings, Department of Veterinary Clinical Sciences, Purdue University	ACVIM (Neurology), 2019	Private Practice, CO
2014-2016	Dr. Talisha Moore, Department of Veterinary Clinical Sciences, Purdue University	ACVIM (Neurology), 2018	Clinical Assistant Professor, Neurology/Neurosurgery, University of Tennessee
2014-2015	Dr. Trevor Moore, Department of Veterinary Clinical Sciences, Purdue University	ACVIM (Neurology), 2015	Private Practice, AZ

Graduate Program – Advisor

Years	Name	Degree	Thesis Title
2013-2015	Dr. Julie Noyes, Department of Veterinary Clinical Sciences, Washington State University	M.S., thesis	N/A

Internship Training Program – Advisor

Years	Name	Board Certification	Current Position
2022-Present	Dr. Josh Klutzke	In training	Neurology/Internal Medicine Intern, Purdue University Veterinary Hospital
2021-2022	Dr. Jessica Linder	In training	Neurology Intern, Purdue University Veterinary Hospital
2020-2021	Dr. Erica Grier, Purdue University Veterinary Hospital	In training	Behavior Medicine Residency, Private Practice, FL

Table continues on the following page.

Internship Training Program – Advisor (CONTINUED)

Years	Name	Board Certification	Current Position
2019-2020	Dr. Alyssa Zoto, Purdue University Veterinary Hospital	In training	Internal Medicine Resident, Michigan State University
2018-2019	Dr. Colleen Embersics, Purdue University Veterinary Hospital	ACVIM (Neurology), 2022	Assistant Professor Neurology/Neurosurgery Louisiana State University
2017-2018	Dr. Hilary Wright, Purdue University Veterinary Hospital,	ACVIM (Neurology), 2021	Private Practice, UT
2016-2017	Dr. Christopher Olmo, Purdue University Veterinary Hospital	DACVR, 2021	Private Practice, SC
2015-2016	Dr. Dana Sengewald, Purdue University Veterinary Hospital	ACVIM (Neurology), 2020	Private Practice, CA
2011-2012	Dr. Kelley Vurik, Washington State University	ACVIM (Neurology), 2015	Private Practice, CA

Undergraduate/Professional Student Mentoring

DVM Students

Faculty Mentor/Advisor for AARV/Royal Canin Student Case Competition
 Matthew Schiffman (class of 2021) – winner of competition 2020
 Blair Hooser (class of 2021) – winner of competition 2019

Faculty advisor for 4 veterinary students from 2015-2021, now 3 as one of the four had disenrolled from veterinary school.

Class of 2019	1
Class of 2020	2
Class of 2021	0 (student disenrolled)
Class of 2023	1
Class of 2024	1

Mentor Boiler Gold Rush, 2016, 2017

Senior paper advisor for 3 students, Washington State University, 2012-2013.

Senior paper discussant for 3 students, Washington State University, 2012-2013.

Veterinary Technology Students

Vet technology senior project advisor for 3 vet tech students (Class of 2022), Purdue University, 2022-Present.

Vet technology senior project advisor for 2 vet tech students (Class of 2017), Purdue University, 2016-2017.

Vet technology senior project advisor for 1 vet tech student (Class of 2016), Purdue University, 2015-2016.

Other Mentoring

Advisor, American College of Veterinary Sports Medicine and Rehabilitation Student Club, 2019-Present

Undergraduate Student Mentor – shadowing/employee neurology or physical rehabilitation departments

Katie Schmucker:	2021-Present
Accepted into Vet School at UW	
Ella McNulty:	2021-Present
Chloe Dobson:	2021-2022
Sarah Morgan-Nishimura:	2018-2020
Currently second year vet student at Virginia Tech	
Ava Richardson:	2018-2020
Currently researcher in Michigan	
Sarah Kurdziel:	2017-2018
Graduated, DVM Purdue University 2022	

Veterinary Assistant - physical rehabilitation departments

Chloe Dobson: 2022-Present

Project co-advisor for a graduate assistant in animal science's graduate project (assisted with the study design and idea; and read and edited the research protocol and grant proposal), Purdue University, 2015-2018.

Other Lectures and Workshops for Students

Lecturer

1. Interesting Neurology Cases. American College of Veterinary Internal Medicine (ACVIM) Student Club lecture, West Lafayette, IN, April 2022.
2. Interesting Physical Rehabilitation Cases. American College of Sports Medicine and Rehabilitation (ACVSMR) Student Club lecture, West Lafayette, IN, March 2021.
3. Student ACVIM Purdue Neurology/Neurosurgery Wet Lab, held fall 2016-Present (not held in 2020 or 2021 due to COVID-19)
 - Organize and lead a 3 hour wet lab instructing students on surgical approaches to the spine, lumbar and cisternal CSF taps
4. Neurosurgery Cases. ACVS Student Club, Spring 2018 (1 lecture hour).

5. Pre-Veterinary National Symposium, West Lafayette, IN, March 12, 2016.
 - Neurologic examination
 - A journey from paralysis to ambulation
6. Neurologic Examination and Laboratory. Visiting Vienna Students, West Lafayette, IN, February 2015.
7. Basic Neurology Case Review. Nihon University Outreach Veterinary Outreach Program, Pullman, WA, July 2012.
8. Basic Physical Rehabilitation Techniques. Nihon University Veterinary Outreach Program, Pullman, WA, July 2012.

DISCOVERY

Publications

(* Senior Author) -- The senior author is denoted by an asterisk and is usually the first author if they were the faculty member conducting the discovery activity. If the first author was a graduate student, postdoctoral student, resident, intern, DVM student, undergraduate student, or other trainee when the discovery activity was undertaken, then the senior author is the supervising faculty member. Another faculty member could share senior authorship if a substantial portion of the research was conducted in their laboratory, if they were principal investigator on a grant that provided a substantial portion of the funding for the research, if they were the corresponding author on the publication, or if they equally shared in the discovery activity.

† Mentored first author as an undergraduate, graduate, resident or post-doctoral assistant.

Peer Reviewed Publications

PUBLISHED

Since Promotion to Clinical Associate Professor

1. †Devathasan D, Murakami M, **Thomovsky SA**, Lewis MJ. Case report: Recurrence of an extradural spinal epidermoid cyst following surgical excision in a dog. *Vet Surg.* 2022;9:871023. doi: 10.3389/fvets.2022.871023.
2. †Amaral Marrero N, **Thomovsky SA**, Linder JE, Bowditch J, Lind M, Kazmierczak KA, Moore, G, *Lewis MJ. Static body weight distribution and girth measurements over time in dogs after acute thoracolumbar intervertebral disc extrusion. *Front Vet Sci.* 2022;9:1-9. doi.org/10.3389/fvets.2022.877402.
3. ***Thomovsky SA**. With improved owner compliance and a better understanding of the physiology of inactivity, can spinal cord rehabilitation become more than just crate rest? *Res & Rev: Neurosci.* 2022;6(3):4-5.
4. *Shelton GD, Minor KM, **Thomovsky SA**, Guo LT, FriedenberG SG, Cullen JN, Mickelson JR. Congenital muscular dystrophy in a dog with a *LAMA2* gene deletion. *J Vet Intern Med.* 2022;36(1):279-284.
5. †Devathasan D, *Bentley RT, Enriquez A, Yang Q, **Thomovsky SA**, Thompson C, Lee AE, Lee H. Development of an in vitro hemorrhagic hydrocephalus model for functional evaluation of magnetic microactuators against shunt obstructions. *World Neurosurg.* 2021;155:e294-e300. doi: 10.1016/j.wneu.2021.08.048.

6. Moore TM, ***Thomovsky SA**, Thompson CA, Heng HG, Bentley RT. Case report: Suspected solitary osseous plasmacytoma in a cat: use of magnetic resonance imaging to diagnose and confirm resolution of disease following chemotherapy. *Front Vet Sci.* 2021;8:752279. doi: 10.3389/fvets.2021.752279.
7. ***Thomovsky SA**, Ogata N. A canine's behavior and cognitive state as it relates to immobility and the success of physical rehabilitation in the non-ambulatory spinal cord patient. *Front Vet Sci.* 2021;8:599320. doi: 10.3389/fvets.2021.599320.
8. ***Thomovsky SA**. The physiology associated with "bed rest" and inactivity and how it may relate to the veterinary patient with spinal cord injury and physical rehabilitation. *Front Vet Sci.* 2021;8:601914. doi: 10.3389/fvets.2021.01914.
9. †Hong HP, ***Thomovsky SA**, Lewis MJ, Bentley RT, Shelton GD. Clinical characteristics of non-infectious inflammatory myopathy in the boxer dog. *J Small Anim Pract.* 2021;62(9):765-774. doi: 10.1111/jsap.13350.
10. †Linder JE, **Thomovsky S**, Bowditch J, Lind M, Kazmierczak KA, Breur GJ, *Lewis MJ. Development of a simple method to measure static body weight distribution in orthopedically and neurologically normal mature small breed dogs. *BMC Research.* 2021;17:110(2021). doi: 10.1186/s12917-021-02808-x.
11. *Packer RA, Wachowiak I, **Thomovsky SA**, Berg J, Vasquez L, O'Brien DP. Phenotypic characterization of PIGN-associated paroxysmal dyskinesia in Soft-coated wheaten terriers and preliminary response to acetazolamide therapy. *Vet J.* 2021;269(2021):105606. doi: 10.1016/j.tvjl.2021.105606.
12. †Peterson LN, ***Thomovsky SA**, Christian JA, Moore GE, Bentley RT. Evaluation of the hydroxyethyl starch stabilizing agent, Vetstarch™, in the preservation of canine cerebrospinal fluid samples. *Vet Clin Pathol.* 2020;49(1):95-99.
13. †Dixon S, *Chen AV, Rossmeisl JH, Sturges B, Vernau K, Levine JM, Otamendi A, Early P, Curtis L, **Thomovsky SA**, Packer RA, Mauler DA. Surgical decompression, with or without adjunctive therapy, for palliative treatment of primary vertebral osteosarcoma in dogs. *Vet Comp Oncol.* 2019;17(4):472-478.

14. †Chapel NM, **Thomovsky SA**, Lucas JR, Kushiro-Banker T, Radcliffe JS, Stewart KR, *Lay Jr DC. Auditory brainstem responses in weaning pigs and three ages of sows. *Transl Anim Sci*. 2019;3:1416-1422.
15. ***Thomovsky SA**, Deavila DM, Kiszonas AM, Chen AV. Serum melatonin values in normal dogs and dogs with seizures. *J Am Anim Hosp Assoc*. 2019;55(2):78-82.
16. †Krull DP, ***Thomovsky SA**, Chen AV, Mealey KA, Papich MG. Evaluation of transdermal administration of phenobarbital in healthy cats. *J Am Anim Hosp Assoc*. 2019;55(1):1-7.
17. †Rossman P, ***Thomovsky SA**, Schafbuch R, Guo L, Shelton GD. Myositis, ganglioneuritis and myocarditis with distinct perifascicular muscle atrophy in a 2 year old male boxer. *Front Vet Sci*. 2018;5:20.
18. †Houle JC, *Chen AV, Brune JE, Brenna AC, **Thomovsky SA**. Reference intervals for the activity of lactate dehydrogenase and its isoenzymes in the serum and cerebrospinal fluid of healthy canines. *Vet Clin Pathol*. 2018;47(2):267-274.
19. †Cummings KR, Grosso FV, Moore GE, Rochat R, **Thomovsky SA**, *Bentley RT. Objective measurements of the atlantoaxial joint on radiographs performed without flexion can increase the confidence of diagnosis of atlantoaxial instability in toy breed dogs. *Vet Radiol Ultrasound*. 2018;59(6):667-676.
20. *Kolicheski AL, Johnson GS, Mhlanga-Mutangadura T, Packer RA, **Thomovsky SA**, Berg J, Vasquez L, Taylor JF, Schnabel RD, Kinoshita T, Murakami Y, O'Brien DP. Paroxysmal dyskinesia in soft-coated wheaten terriers with a homozygous PIGN missense mutation. *J Vet Intern Med*. 2017;18(1):39-47.
21. †Noyes JA, ***Thomovsky SA**, Chen AV, Owen TJ, Fransson BA, Carbonneau KJ, Matthew SM. Magnetic resonance imaging versus computed tomography to plan hemilaminectomies in chondrodystrophic dogs with intervertebral disc extrusion. *Vet Surg*. 2017;46(7):1025-1031.
22. †Vititoe KP, *Grosso FV, **Thomovsky SA**, Lim CK, Heng HG. Inguinal herniation of a mineralized paraprostatic cyst in a dog. *Can Vet J*. 2017;58(12):1309-1312.

Prior to Promotion to Clinical Associate Professor

23. ***Thomovsky SA**, Chen AV, Kiszonas AM, Lutskas LA. Goniometry and limb girth in Miniature Dachshunds. *J Vet Med.* 2016;2016:1-4.
24. †Cohn-Urbach M, *Chen AV, Haldorson G, **Thomovsky SA**. Perivascular wall tumor in the brain of a dog. *Case Rep Vet Med.* 2015;2015:1-4.
25. †Mitchell JW, ***Thomovsky SA**, Chen AV, Layton AW, Haldorson G, Tucker RL, Roberts G. Medulloblastoma in a grizzly bear (*Ursus arcos horribilis*). *J Zoo Wildl Med.* 2015;46(3):624-628.
26. Van Wie E, *Chen AV, **Thomovsky SA**, Tucker RL. Case report: Successful long-term use of itraconazole for the treatment of *Aspergillus* diskospondylitis in a dog. *Case Rep Vet Med.* 2013;2013:1-4.
27. Andersen BM, *Pluhar GE, Seiler CE, Goulart MR, SantaCruz KS, Schutten MM, Meints JP, O'Sullivan MG, Bentley RT, Packer RA, **Thomovsky SA**, Chen AV, Faissler D, Chen W, Hunt MA, Olin MR, Ohifest JR. Vaccination for invasive canine meningioma induces in situ production of antibodies capable of antibody-dependent cell-mediated cytotoxicity. *Cancer Res.* 2013;73(10):2987-2997.
28. ***Thomovsky SA**, Packer RA, Lambrechts NE, Moore GE. Canine intervertebral disc fenestration using a vacuum-assisted tissue resection device. *Vet Surg.* 2012;41(8):1011-1017.
29. ***Thomovsky SA**, Chen AV, Roberts GR, Schmidt CE, Layton AW. Spinal cord compression in two related *Ursus arctos horribilis*. *J Zoo Wildl Med.* 2012;43(3):588-595.
30. ***Thomovsky SA**, Packer RA, Burcham GN, Heng HG. Imaging diagnosis: magnetic resonance imaging features of metastatic cerebral lymphoma in a dog. *Vet Radiol Ultrasound.* 2011;52(2):192-195.

IN PRESS

1. *Rivera PL, LoGiudice R, **Thomovsky SA**. Spinal manipulation and seizure management – can spinal manipulation be used as an adjunct therapy for managing seizures in humans or domestic animals? A review of what is known. *J Am Holist Vet Med Assoc.* Accepted, August 2022.

SUBMITTED

1. †Shaw LM, Buckley C, Murakami M, ***Thomovsky SA**. The use of physical rehabilitation to improve outcome following traumatic brain injury in a dog – case report. *J Am Holist Vet Med Assoc*. Submitted, February 2023.
2. †Linder J, Mehra J, Miller S, Lewis MJ, Bentley RT, ***Thomovsky SA**. Use of levetiracetam for the successful treatment of suspected idiopathic myoclonic seizures in five dogs. *J Small Anim Pract*. Submitted, February 2023.
3. †Kopanke J, *Chen A, Brune J, Brenna A, **Thomovsky SA**. Creatine kinase and its isoenzymes in the serum and cerebrospinal fluid of healthy canines. *Vet Clin Pathol*. Submitted, January 2023.

Book Chapters

PUBLISHED

Since Promotion to Clinical Associate Professor

1. *VINcylopedia Neurology Project* – 2 online chapters published June 4, 2020.
 - Radial nerve injury – Canine
<https://www.vin.com/Members/Associate/Associate.plx?DiseaseId=524>
 - Radial nerve injury – Feline
<https://www.vin.com/Members/Associate/Associate.plx?DiseaseId=1028>
 - Scottie Cramp
<https://www.vin.com/Members/Associate/Associate.plx?DiseaseId=1327>
2. ***Thomovsky SA**. Facial nerve paralysis, idiopathic. In: Cohn LA, Cote E, eds. *Cote's Clinical Veterinary Advisor: Dogs and Cats*. 4th ed. St. Louis, MO: Elsevier; 2020:321.
3. ***Thomovsky SA**. Narcolepsy. In: Cohn LA, Cote E, eds. *Cote's Clinical Veterinary Advisor: Dogs and Cats*. 4th ed. St. Louis, MO: Elsevier; 2020: web edition.
4. ***Thomovsky SA**. Rehabilitation and pain management for veterinary patients. In: Ko JC, ed. *Small Animal Anesthesia and Pain Management*. 2nd ed. Boca Raton, FL: Taylor & Francis Group; 2019:413-417.
5. *Moore TM, **Thomovsky SA**. Management of neuropathic pain in dogs and cats. In: Ko JC, ed. *Small Animal Anesthesia and Pain Management*. 2nd ed. Boca Raton, FL: Taylor & Francis Group; 2019:377-383.

6. *Bentley RT, Taylor AR, **Thomovsky SA**. Fungal infections of the central nervous system in small animals: Clinical features, diagnosis, and management. *Vet Clin North Am Small Anim Pract*. 2018;48(1):63-83.

IN PRESS

1. ***Thomovsky SA**. Neurophysiology. In: *Ettinger's Textbook of Veterinary Internal Medicine*, 9th ed. Accepted, fall 2022.

ANTICIPATED WORKS

1. **Thomovsky SA**, *Simons M. Mentoring clinical students. In: *Veterinary Education*. Submission due Spring, 2023.
2. ***Thomovsky SA**. Clinical teaching in the fourth year veterinary curriculum. In: *Veterinary Education*. Submission due September 1, 2022, in review.

Abstracts and Proceedings - Research/Clinical Investigations

PUBLISHED

Peer Reviewed

Since Promotion to Clinical Associate Professor

1. †Devathasan D, *Bentley RT, Enriquez A, Lee H, **Thomovsky SA**, Thompson C, Yang Q. Functional evaluation of microactuators to prevent hematoma shunt obstruction in an in vitro hydrocephalus model [ACVIM abstract #N01]. *J Vet Intern Med*. 2020;34(6):2865.
2. †Hong H, ***Thomovsky SA**, Lewis MJ, Bentley RT, Shelton GD. Clinical characteristics of inflammatory myopathy in the boxer dog and its possible association with neoplasia [ACVIM abstract #N17]. *J Vet Intern Med*. 2019;33(5):2506.
3. †Peterson LN, ***Thomovsky SA**, Christian JA, Moore GE, Bentley RT. The effects of stabilizing agents, fetal calf serum, and vetstarch on canine cerebrospinal fluid analysis [ACVIM abstract #N05]. *J Vet Intern Med*. 2017;31(4):1260-1261.
4. Dixon S, *Chen AV, Sturges B, Vernau K, Levine J, Otamendi AJ, Early PJ, Curtis L, Partnow A, **Thomovsky SA**, Greatting H, Jukier T. Surgical decompression, with or without adjunctive therapy, for treatment of primary vertebral osteosarcoma in dogs [ACVIM abstract #N04]. *J Vet Intern Med*. 2017;31(4):1260.

Prior to Promotion to Clinical Associate Professor

5. ***Thomovsky SA**, Chen AV, Deavila DM, Kiszonas AM. Serum melatonin levels in normal dogs and dogs with seizures [ACVIM abstract]. *J Vet Intern Med.* 2015;29(4):1268.
6. †Krull DP, ***Thomovsky SA**, Chen AV, Mealey KA, Papich MG. Evaluation of transdermal administration of phenobarbital in healthy cats [ACVIM abstract]. *J Vet Intern Med.* 2014;28(3):1016.
7. *Chen AV, **Thomovsky SA**, Brune J, Boswell N, Houle JC. Evaluation of lactate dehydrogenase and creatine kinase activity in cerebrospinal fluid of dogs with neurological diseases [ACVIM abstract]. *J Vet Intern Med.* 2014;28(4):1355.
8. ***Thomovsky SA**, Chen AV, Tucker RL, Roberts GR, Mattoon JS, Kiszonas AM, Morimoto T. Accuracy of preoperative computed tomography and magnetic resonance imaging as compared to surgical findings in chondrodystrophic dogs with intervertebral disc disease [ACVIM abstract]. *J Vet Intern Med.* 2014;28(4):1355.

Scientific Presentations

Invited Scientific Lectures

INTERNATIONAL

Since Promotion to Clinical Associate Professor

1. The psychology of physical rehabilitation. *3rd International Webinar on Cognitive and Behavioral Neurosciences*, June 2022.

NATIONAL

Since Promotion to Clinical Associate Professor

1. *American College of Veterinary Internal Medicine (ACVIM) Forum*, Phoenix, AZ, June 2019.
 - Seizure management
 - Interactive session/workshop: Challenging neurolocalization cases explained through video
 - Interactive session/workshop: Feline neurologic examination: neurolocalization of a variety of feline cases will be explored

Prior to Promotion to Clinical Associate Professor

2. *American College of Veterinary Internal Medicine (ACVIM) Forum*, Washington DC, June 2017.
 - Comprehensive review: I want to be a veterinary neurologist/neurosurgeon: An in-depth look at working in academia vs. private practice
 - Workshop: Challenging neurolocalization cases: Discussing the ins and outs of neurolocalization using case examples
3. Serum melatonin levels in normal dogs and dogs with seizures. *American College of Veterinary Internal Medicine (ACVIM) Forum*, Indianapolis, IN, June 2015.
4. Accuracy of preoperative computed tomography and magnetic resonance imaging as compared to surgical findings in chondrodystrophic dogs with intervertebral disc disease. *American College of Veterinary Internal Medicine (ACVIM) Forum*, Nashville, TN, June 2014.

Abstract Presentations

NATIONAL

Prior to Promotion to Clinical Associate Professor

1. Intervertebral disc fenestration using a novel tissue resection device. *American College of Veterinary Internal Medicine (ACVIM) Forum*, Denver, CO, June 2011.

Professional Meetings and Courses Attended

1. 3rd International Webinar on Cognitive and Behavioral Neurosciences – June 15-16, 2022
2. Curacore – Veterinary Acupuncture Certification Course – 2018-2019
3. University of Tennessee Canine Rehabilitation Certification Course – 2011-2012
4. ACVIM – 2009, 2010, 2011, 2014, 2015, 2017, 2019
5. ACVS – 2017

Research Grants

From External Sources

-
1. Agency/Title of Grant: **AARV / Purina sponsored grant / Pilot study on feasibility of sensory-enhanced rehabilitation in the canine spinal cord**
 2. Duration of Funding (Dates): **One Plus (1+) years (December 2020-2021)**
 3. Total amount of award: **\$2,563**
 4. Your role: **Co-PI**
 5. If Co-PI, for how much of the total funding are you directly responsible: **NA**
 6. Co-Investigators (Roles): **Melissa Lewis (Co-PI)**
-

1. Agency/Title of Grant: **ACVIM Holiday Grant / Functional evaluation of shunt-clearing magnetic microactuators in an in vitro hemorrhagic obstructive hydrocephalus model**
 2. Duration of Funding (Dates): **One Plus (1+) years (Feb. 2019-2020)**
 3. Total amount of award: **\$6,749**
 4. Your role: **Co-I**
 5. If Co-PI, for how much of the total funding are you directly responsible: **NA**
 6. Co-Investigators (Roles): **Devathasan D (Co-PI), Bentley TR (Co-PI), Lee Hyowon (Co-PI), Thompson C (Co-I), Yang Qi (Co-I)**
-

1. Agency/Title of Grant: **American Kennel Club Association, ACORN Grant / Serum melatonin levels in normal dogs with seizures (pilot study)**
 2. Duration of Funding (Dates): **One and a half (1 ½) years (July 2013-Jan. 2015)**
 3. Total amount of award: **\$7,255**
 4. Your role: **PI**
 5. If Co-PI, for how much of the total funding are you directly responsible: **\$7,255**
 6. Co-Investigators (Roles): **Chen-Allen A (Co-I)**
-

From Internal Sources

-
1. Agency/Title of Grant: **Purdue University / The effect of omeprazole on the development of gastrointestinal signs and bleeding in dogs treated surgically for acute thoracolumbar intervertebral disc herniation**
 2. Duration of Funding (Dates): **One Plus (1+) years (Feb. 2019-2020)**
 3. Total amount of award: **\$5,500**
 4. Your role: **Co-I**
 5. If Co-PI, for how much of the total funding are you directly responsible: **NA**
 6. Co-Investigators (Roles): **Mehra J (Co-PI), Lewis ML (Co-PI)**
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1. Agency/Title of Grant: **Purdue University / Functional evaluation of shunt-clearing magnetic microactuators in an *in vitro* hemorrhagic obstructive hydrocephalus model**
 2. Duration of Funding (Dates): **One Plus (1+) years (Feb. 2019-2020)**
 3. Total amount of award: **\$3,169**
 4. Your role: **Co-I**
 5. If Co-PI, for how much of the total funding are you directly responsible: **NA**
 6. Co-Investigators (Roles): **Devathasan D (Co-PI), Bentley TR (Co-PI), Lee Hyowon (Co-PI), Thompson C (Co-I), Yang Qi (Co-I)**
-

1. Agency/Title of Grant: **Purdue University / The effect of the stabilizing agent, Vetstarch, on the stability of nucleated cells in canine cerebrospinal fluid stored at 4°C for 48 hours as compared to hetastarch and fetal calf serum**
 2. Duration of Funding (Dates): **One Plus (1+) years (Feb. 2016-2018)**
 3. Total amount of award: **\$5,050**
 4. Your role: **Co-PI**
 5. If Co-PI, for how much of the total funding are you directly responsible: **\$5,050**
 6. Co-Investigators (Roles): **Peterson L (Co-PI), Bentley TR (Co-I), Moore G (Co-I), Christian J (Co-I)**
-

1. Agency/Title of Grant: **Washington State University / Evaluation of lactate dehydrogenase and creatinine kinase activity in the cerebrospinal fluid and serum of dogs with neurological diseases (pilot study)**
 2. Duration of Funding (Dates): **One Plus (1+) years (Apr. 2013-Ongoing)**
 3. Total amount of award: **\$10,625**
 4. Your role: **Co-I**
 5. If Co-PI, for how much of the total funding are you directly responsible: **NA**
 6. Co-Investigators (Roles): **Chen-Allen A (PI)**
-

1. Agency/Title of Grant: **Washington State University / Activity and distribution of lactate dehydrogenase and its isoenzymes in the serum and cerebrospinal fluid of healthy canines**
 2. Duration of Funding (Dates): **Two Plus (2+) years (Apr. 2012-Ongoing)**
 3. Total amount of award: **\$19,883**
 4. Your role: **Co-I**
 5. If Co-PI, for how much of the total funding are you directly responsible: **NA**
 6. Co-Investigators (Roles): **Chen-Allen A (PI)**
-

-
1. Agency/Title of Grant: **Washington State University / Clinical evaluation of a magnetic resonance imaging (MRI)-guided frameless stereotactic brain biopsy system in the dog**
 2. Duration of Funding (Dates): **Four Plus (4+) years (Apr. 2009-Ongoing)**
 3. Total amount of award: **Unknown**
 4. Your role: **Co-I**
 5. If Co-PI, for how much of the total funding are you directly responsible: **NA**
 6. Co-Investigators (Roles): **Chen-Allen A (PI)**
-

1. Agency/Title of Grant: **The Autzen Foundation, Washington State University / Evaluation of transdermal administration of phenobarbital in healthy cats**
 2. Duration of Funding (Dates): **One (1) year (Apr. 2013-Apr. 2014)**
 3. Total amount of award: **\$6,246**
 4. Your role: **PI**
 5. If Co-PI, for how much of the total funding are you directly responsible: **\$6,246**
 6. Co-Investigators (Roles): **Krull D (Co-I), Chen-Allen A (Co-I), Mealey K (Co-I)**
-

1. Agency/Title of Grant: **Washington State University Graduate Student and House Officer Research / Evaluation of transdermal administration of phenobarbital in healthy cats**
 2. Duration of Funding (Dates): **One (1) year (Apr. 2013-Apr. 2014)**
 3. Total amount of award: **\$6,246**
 4. Your role: **Co-PI**
 5. If Co-PI, for how much of the total funding are you directly responsible: **\$6,246**
 6. Co-Investigators (Roles): **Krull D (Co-PI), Chen-Allen A (Co-I), Mealey K (Co-I)**
-

1. Agency/Title of Grant: **The Autzen Foundation, Washington State University / Agreement between preoperative computed tomography, magnetic resonance imaging and surgical findings in chondrodystrophic dogs with intervertebral disc disease**
 2. Duration of Funding (Dates): **Two (2) years June 2011-June 2013**
 3. Total amount of award: **\$11,165**
 4. Your role: **PI**
 5. If Co-PI, for how much of the total funding are you directly responsible: **\$11,165**
 6. Co-Investigators (Roles): **Chen-Allen A (Co-I), Tucker R (Co-I), Mattoon J (Co-I), Roberts G (Co-I)**
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Research Proposals Submitted But Not Funded

From External Sources

Year Submitted	Number Submitted
2022	1
2018	2

-
1. Agency/Title of Grant: **AKC Grant / Safety and tolerability of rapid intravenous administration of undiluted levetiracetam in dogs with seizures**
 2. Duration of Funding (Dates): **One Plus (1+) years (January 2022-2023)**
 3. Total amount of award: **Submitted**
 4. Your role: **Co-I**
 5. If Co-PI, for how much of the total funding are you directly responsible: **NA**
 6. Co-Investigators (Roles): **Satoshi Haginoya (Co-PI), Elizabeth Thomovsky (Co-PI), Aimee Brooks (Co-I), Paula Johnson (Co-I)**
-

From Internal Sources

Year Submitted	Number Submitted
2022	1
2018	1

-
1. Agency/Title of Grant: **Purdue University / Safety and tolerability of rapid intravenous administration of undiluted levetiracetam in dogs with seizures**
 2. Duration of Funding (Dates): **One (1) Year (January 2022-2023)**
 3. Total amount of award: **Submitted**
 4. Your role: **Co-I**
 5. If Co-PI, for how much of the total funding are you directly responsible: **NA**
 6. Co-Investigators (Roles): **Satoshi Haginoya (Co-PI), Elizabeth Thomovsky (Co-PI), Aimee Brooks (Co-I), Paula Johnson (Co-I)**
-

Editorships of Journals or Other Learned Publications

Editorial Board

Guest editor, special neurology/neurosurgery edition of *Veterinary Sciences*, Spring 2023

Editorial Advisory Board, *The Veterinary Journal*, 2022-Present

Ad Hoc Reviewer

Journal American Veterinary Medical Association, 2023-Present (1 article per year)

Journal of Veterinary Internal Medicine, 2021-Present (1-3 articles per year)

The Veterinary Journal, 2011-Present (3-5 articles per year)

Diagnostics Journal, 2021-Present (1 manuscript)

Veterinary Record, 2019-Present (1-2 article per year)

Canadian Veterinary Journal, 2014-Present (1 article per year)

Veterinary Ophthalmology, 2017-Present (3 manuscripts)

Veterinary Pathology, 2019-Present (1 manuscript)

African Journal of Pharmacy and Pharmacology, 2019-Present (1 manuscript)

Neuroscience Research Notes, 2019-Present (1 manuscript)

Australian Veterinary Journal 2021-Present (1 manuscript)

Journal of Zoo and Wildlife Medicine, 2014-Present (3 manuscripts)

Local and Regional Anesthesia, 2014-Present (1 manuscript)

Journal of Paleontology, 2017-Present (1 manuscript)

Manuscripts/Grants Reviewed

Ad Hoc Reviewer

ACVIM Forum Neurology/Neurosurgery Research, 2022 (9 abstracts reviewed)

American Kennel Club, 2016 (2 grants reviewed), 2021 (1 grant reviewed)

Purdue Graduate Grant, 2017-2018 (2 grants reviewed each year), 2019 (1 grant reviewed), 2022 (1 grant reviewed)

ENGAGEMENT

Continuing Education/Clinical/Extension Presentations

International

SINCE PROMOTION TO CLINICAL ASSOCIATE PROFESSOR

1. A canine's behavior and cognitive state as it relates to physical rehabilitation in the spinal cord injury patient. 3rd International Webinar on Cognitive and Behavioral Neurosciences, June 15-16, 2022. Total of 20 lecture minutes.
2. Neurology Congress in Spain - Folleto Congreso Novotech 2020.

Dr. Thomovsky was invited to give 9 total lectures but the congress was cancelled due to COVID.

National

SINCE PROMOTION TO CLINICAL ASSOCIATE PROFESSOR

1. Rehabilitating neurologic dogs, from the big to the small! Webinar for the Mobility Research Institute of Continuing Education, February 2019. Total of 1.5 lecture hours.

PRIOR TO PROMOTION TO CLINICAL ASSOCIATE PROFESSOR

2. Advanced Veterinary Spinal Manipulative Therapy (VSMT) with Clinical Application in Neurology, Oasis Healing and Wellness Center, Sturtevant, WI, January 2017. Total of 5 lecture hours and 4 laboratory hours. Audience for each lecture and laboratory, 20.
 - The equine and canine neurologic examinations
 - Physical rehabilitation for the neurologic patient
 - The anatomy of the cervical and lumbar intumescences
 - The equine and canine neurologic examinations (hands-on laboratory)
3. Pre-Veterinary National Symposium, West Lafayette, IN, March 12, 2016.
 - Neurologic examination
 - A journey from paralysis to ambulation.
4. Advanced Veterinary Spinal Manipulative Therapy (VSMT) with Clinical Application in Neurology, Oasis Healing and Wellness Center, Sturtevant, WI, February 2015. Total of 4 lecture hours. Audience for each lecture, 20.
 - Neurologic manifestations of systemic disease
 - Neurologic pain
 - Paroxysmal dyskinesias in small animals – Part 1
 - Paroxysmal dyskinesias in small animals – Part 2

5. Physical rehabilitation and the neurologic patient. Web-based CE, Washington State University School of Veterinary Medicine, Pullman, WA, 2013. Total of 1 lecture hour.
6. Meningoencephalitis. Web-based CE, Washington State University School of Veterinary Medicine, Pullman, WA, 2013. Total of 1 lecture hour.
7. Seizures. Web-based CE, Washington State University School of Veterinary Medicine, Pullman, WA, 2012. Total of 1 lecture hour.
8. Neurologic manifestations of systemic disease. Web-based CE, Washington State University School of Veterinary Medicine, Pullman, WA, 2011. Total of 1 lecture hour.
9. Micturition. Web-based CE, Washington State University School of Veterinary Medicine, Pullman, WA, 2010. Total of 1 lecture hour.

Regional and State

SINCE PROMOTION TO CLINICAL ASSOCIATE PROFESSOR

1. Iowa State University Veterinary Teaching Hospital – Resident Lecture Series. Total of 6 lecture hours. Audience for each lecture, 10-20.
 - Neurolocalization
 - Neurophysiology 1
 - Neurophysiology 2
 - Micturition
 - Anti-convulsants and seizure overview
 - Challenging Neurolocalization Cases
2. Healing Oasis Convention, Lombard, IL, November 5, 2021. Total of 2 lecture hours. Audience for each lecture, 100.
 - Inflammation and the CNS
 - Inflammation and the PNS
3. Bluegrass Veterinary Conference, Elizabeth, IN. July 31 2021. Total of 4.5 lecture hours. Audience for each lecture, 80.
 - Cerebrovascular accidents
 - The acute down dog
 - Traumatic brain injury
 - Seizure management

4. 2019 Healing Oasis Convention, Lombard, IL, November 2, 2019. Total of 2 lecture hours. Audience for each lecture, 120.
 - Understanding the peripheral nervous system
 - Movement disorders
5. Regional Purdue Neurology Service CE Event, Fort Wayne, IN, April 3, 2019. Total of 1.5 lecture hours. Audience for each lecture, 50.
 - Seizures Round Table
 - Meet the Purdue neurology team
6. Montana Veterinary Medical Association, Bozeman, MT, January 25, 2019. Total of 8 lecture hours. Conference attendance, 200; audience for each lecture, 100.
 - Cerebrovascular accident
 - Pathophysiology behind physical rehabilitation
 - Seizures I and II
 - Neurolocalization: a review
 - Challenging neurolocalizations
 - Traumatic brain injury
 - The acutely down dog
7. Hearing in pigs. PVM Research Day, West Lafayette, IN, April 13, 2018. Total of 1 lecture hour. Audience for lecture, 20.
8. Seizures and their management. Indiana Veterinary Medical Association, West Lafayette, IN, October 12, 2017. Total of 1 lecture hour. Audience for lecture, 15.

PRIOR TO PROMOTION TO CLINICAL ASSOCIATE PROFESSOR

9. Indiana Veterinary Medical Association, Indianapolis, IN, March 2017. Total of 6 lecture hours. Audience for each lecture, 30.
 - Caudal cervical spondylomyelopathy – Did that Great Dane just wobble?!
 - More obscure myelopathies
 - Marvelous micturition
 - Cerebrovascular accidents – not always a stroke in the wrong direction!
 - Neurologic manifestations of systemic disease
 - Phenobarb, Keppra, zonisamide – oh my! What anti-convulsant do I use when? (round table discussion)

10. Kansas State Veterinary Medical Association Spring Conference, Kansas State University, Manhattan, KS, June 2016. Total of 5 lecture hours. Audience for each lecture, 200.
 - Neurologic exam and neurolocalization review
 - Neurologic manifestations of systemic disease
 - Cerebrovascular accidents: a review
 - Physical rehabilitation for the neurologic patient
 - H2-Oh no you didn't: Why a wet dog is a good dog when it comes to physical rehabilitation

Local

SINCE PROMOTION TO CLINICAL ASSOCIATE PROFESSOR

1. Career Development Workshop: Part 1 with Dr. San Miguel, Purdue University, West Lafayette, IN. February 9, 2023.
2. The feline neurologic exam. 2022 Purdue Veterinary Conference, Purdue University, West Lafayette, IN. September 2022. Total of 1 lecture hour. Total conference attendance, 750; audience for lecture, 80-100.
3. Seizures. Purdue University Intern Rounds, West Lafayette, IN, July 2022. Total of 1 lecture hour. Audience for lecture, 11.
4. Boiler Vet Camp Advisor for Neurologic Case. Boiler Vet Camp, Purdue University College of Veterinary Medicine, West Lafayette, IN, June 2022. Total of 4 lecture hours to middle school students, 6.
5. Seizures. Purdue University Intern Rounds, West Lafayette, IN, July 2021. Total of 1 lecture hour. Audience for lecture, 9.
6. Introduction to the new Purdue University College of Veterinary Medicine offerings and facilities. Lafayette Area Kennel Club (Zoom Meeting), March 11, 2021. Total of 1 lecture hour.
7. Discussion of neurologic information for clients: information about canine cerebrovascular accidents, the difference between human disc disease and dogs and at home canine seizure management. Coyne Veterinary Hospital Client Information Session (Zoom Meeting), March 31, 2021. Total of 1 lecture hour.
8. 2020 Purdue Veterinary Conference, Purdue University, West Lafayette, IN. September 2020. Total of 2 lecture hours.
 - Acupuncture and its use in pain control in small animals
 - Up and coming physical rehabilitation tools against pain
9. Vestibular disease. Purdue University Intern Rounds, West Lafayette, IN, October 2020. Total of 1 lecture hour. Audience for lecture, 8.

10. Head Trauma. Purdue University Intern Rounds, West Lafayette, IN, May 2020. Total of 1 lecture hour. Audience for lecture, 8.
11. Physical rehabilitation in veterinary medicine. David Van Sickle Musculoskeletal Research Days (DVSMRD) Osteoarthritis Seminar, West Lafayette, IN, November 10, 2018. Total of 40 lecture minutes. Audience for lecture, 80.
12. Traumatic brain injury. Purdue Local IVMA Conference, West Lafayette, IN, November 8, 2018. Total of 1 lecture hour. Audience for lecture, 30-40.
13. 2018 Purdue Veterinary Conference, Purdue University, West Lafayette, IN. September 2018. Total of 3 lecture hours.
 - Lameness, ataxia, proprioception deficits, oh my! Deciphering the difference between orthopedic and neurologic lameness on exam.
 - How does physical rehabilitation actually work? Let's explore it together.
 - Psychology of physical rehabilitation.
14. Boiler Vet Camp Veterinary Olympics: Fun with veterinary medicine. Boiler Vet Camp, Purdue University College of Veterinary Medicine, West Lafayette, IN, June 2018. Total of 1 lecture hour to high school students.
15. Grandparent's University: Introduction to veterinary medicine. Grandparent's Day, Purdue University College of Veterinary Medicine, West Lafayette, IN, June 2018. Total of 1 lecture hour to Purdue alumni and their grandchildren.
16. A review of cerebrovascular accidents. Purdue North Central, Merrillville, IN, December 5, 2017. Total of 1 lecture hour.
17. Physical rehabilitation demonstration, Indianapolis State Fair, Indianapolis, August 2017. Total of 3 lecture hours.
18. Seizures. Purdue Intern Rounds, West Lafayette, IN. Fall 2017. Total of 1 lecture hour. Audience for lecture, 8.

PRIOR TO PROMOTION TO CLINICAL ASSOCIATE PROFESSOR

19. 2016 Purdue Veterinary Conference, Purdue University, West Lafayette, IN. September 2016. Total of 2 lecture hours and 2 laboratory/workshop hours.
 - Building a veterinary physical therapy service from the Bosu ball up!
 - H2-Oh no you didn't: Why a wet dog is a good dog when it comes to physical rehabilitation
 - Fun with physioballs, goniometry and therapeutic laser, to name a few! (Workshop)

20. Physical rehabilitation demonstration, Indianapolis State Fair, Indianapolis, August 2016. Total of 3 lecture hours. Audience for lecture, 30.
21. Neurologic Examination and Laboratory. Visiting Vienna Students, West Lafayette, IN, February 2015. Total of 1 lecture hour. Audience for lecture, 10.
22. Neurologic Examination. Purdue Small Animal Rotating Medicine and Surgery Intern Rounds, West Lafayette, IN, Fall and Spring 2015. Total of 1 lecture hour. Audience for lecture, 8.
23. 2015 Purdue Veterinary Conference, Purdue University, West Lafayette, IN, September 9, 2015. Total of 2 lecture hours.
 - Neurolocalization
 - Rehabilitation in the veterinary neurologic patient
24. Common neurologic conditions and what physical rehabilitation techniques are ideal for these conditions. Purdue North Central, Merrillville, IN, May 27, 2015. Total of 1 lecture hour.
25. Basic neurology case review. Nihon University Outreach Veterinary Outreach Program, Pullman, WA, July 2012. Total of 1 lecture hour. Audience for lecture, 10.
26. Basic physical rehabilitation techniques. Nihon University Veterinary Outreach Program, Pullman, WA, July 2012. Total of 1 lecture hour. Audience for lecture, 10.

Publications (Continuing Education)

(* Senior Author) -- *The senior author is denoted by an asterisk and is usually the first author. If the first author was a graduate student, postdoctoral student, resident, intern, DVM student, undergraduate student, or other trainee when the activity was undertaken, then the senior author is the supervising faculty member.*

† Mentored first author as an undergraduate, graduate, resident or post-doctoral assistant.

Peer Reviewed Publications

PUBLISHED

Since Promotion to Associate Professor

1. †Winbigler JA, *Thomovsky SA, Meyer BA. Pathology in practice. Multicentric lymphoma associated with involvement of the synovial joint in a dog. *J Am Vet Med Assoc.* 2019;255(2):177-180.
2. †Vigeral M, *Thomovsky SA, Lim CK, Bentley RT. What is your neurologic diagnosis? An unusual presentation of diskospondylitis in a Labrador Retriever. *J Am Vet Med Assoc.* 2018;253(9):1117-1120.

3. †Kowal JB, ***Thomovsky SA**, Shelton GD, Bentley RT. What's your neurologic diagnosis? *J Am Vet Med Assoc*. 2018;252(4):405-408.

Prior to Promotion to Clinical Associate Professor

4. ***Thomovsky S**, Chen-Allen AV. Will he walk again? Only Dr. Nociception knows! *The Vet J*. 2013;198:7-8.

IN PRESS

1. †Varvil MS, Mehra JM, Reye R, Miller M, **Thomovsky SA**, Bentley RT, Christian JA. What's your diagnosis? Brain mass in a cat. *J Vet Med Assoc*. Accepted, January 2022.

Conference Proceedings

PUBLISHED

Since Promotion to Clinical Associate Professor

1. *Brittany Laflen, **Thomovsky SA**. Managing the polyradiculoneuritis patient through teamwork. *American College of Veterinary Internal Medicine (ACVIM) Forum*, Philadelphia, PA. June 2023 (3 pages).
- ***Thomovsky SA**. The feline neurologic exam and neurolocalization. *Proceedings of the 2022 Purdue Veterinary Conference*, Purdue University, West Lafayette, IN. September 2022 (9 pages).
- ***Thomovsky SA**. Inflammation and the nervous system. *Proceedings for the 2019 Healing Oasis Convention*, Lombard, IL. November 2021 (3 pages).
2. ***Thomovsky SA**. *Proceedings for the Bluegrass Veterinary Conference*, Elizabeth, IN. July 2020.
 - Cerebrovascular accidents (4 pages)
 - The acute down dog (3 pages)
 - Traumatic brain injury (3 pages)
 - Seizure management (7 pages)

Conference cancelled due to COVID, but proceedings were completed and submitted prior to cancellation.

3. ***Thomovsky SA.** *Proceedings of the 2020 Purdue Veterinary Conference*, Purdue University, West Lafayette, IN. September 2020.
 - Acupuncture and its use in pain control in small animals (3 pages)
 - Up and coming physical rehabilitation tools against pain (3 pages)

6. ***Thomovsky SA.** *2019 Healing Oasis Convention*, Lombard, IL, November 2, 2019.
 - Understanding the peripheral nervous system (3 pages)
 - Movement disorders (2 pages)

7. ***Thomovsky SA.** *American College of Veterinary Internal Medicine (ACVIM) Forum*, Phoenix, AZ, June 2019.
 - Seizure management (8 pages)
 - Interactive session/workshop: Challenging neurolocalization cases explained through video (5 pages)
 - Interactive session/workshop: Feline neurologic examination: Neurolocalization of a variety of feline cases will be explored (6 pages)

8. ***Thomovsky SA.** *Proceedings Montana Veterinary Medical Association*, Bozeman, MT. January 2019.
 - Cerebrovascular accident (3 pages)
 - Pathophysiology behind physical rehabilitation (3 pages)
 - Seizures I and II (8 pages)
 - Neurolocalization: a review (5 pages)
 - Challenging neurolocalizations (5 pages – same proceedings as for Neurolocalization: a review)
 - Traumatic brain injury (3 pages)
 - The acutely down dog (2 pages)

9. ***Thomovsky SA.** *Proceedings of the 2018 Purdue Veterinary Conference*, Purdue University, West Lafayette, IN. September 2018.
 - Lameness, ataxia, proprioception deficits, oh my! Deciphering the difference between orthopedic and neurologic lameness on exam (3 pages)
 - How does physical rehabilitation actually work? Let's explore it together (3 pages)
 - Psychology of physical rehabilitation (4 pages)

Prior to Promotion to Clinical Associate Professor

10. ***Thomovsky SA.** *Proceedings American College of Veterinary Internal Medicine (ACVIM) Forum*, Washington DC. June 2017.
 - Comprehensive review: I want to be a veterinary neurologist/neurosurgeon: An in-depth look at working in academia vs. private practice (3 pages)
 - Workshop: Challenging neurolocalization cases: Discussing the ins and outs of neurolocalization using case examples (5 pages)

11. ***Thomovsky SA.** *Proceedings Indiana Veterinary Medical Association*, Indianapolis, IN. March 2017.
 - Caudal cervical spondylomyelopathy – Did that Great Dane just wobble?! (3 pages)
 - More obscure myelopathies (14 pages)
 - Marvelous micturition (11 pages)
 - Cerebrovascular accidents – not always a stroke in the wrong direction! (3 pages)
 - Neurologic manifestations of systemic disease (5 pages)

12. ***Thomovsky SA.** *Proceedings of the Advanced Veterinary Spinal Manipulative Therapy (VSMT) with Clinical Application in Neurology, Oasis Healing and Wellness Center*, Sturtevant, WI. January 2017.
 - The equine and canine neurologic examinations (8 pages)
 - Physical rehabilitation for the neurologic patient (4 pages)
 - The anatomy of the cervical and lumbar intumescences (8 pages)

13. ***Thomovsky SA.** *Proceedings of the 2016 Purdue Veterinary Conference*, Purdue University, West Lafayette, IN. September 2016.
 - Building a veterinary physical therapy service from the Bosu ball up! (5 pages)
 - H2-Oh no you didn't: Why a wet dog is a good dog when it comes to physical rehabilitation (4 pages)

14. ***Thomovsky SA.** *Proceedings of the 78th Annual Conference for Veterinarians*, Kansas State University, Manhattan, KS. June 2016.
 - Neurologic exam and neurolocalization review (8 pages)
 - Neurologic manifestations of systemic disease (5 pages)
 - Cerebrovascular accidents: a review (3 pages)
 - Physical rehabilitation for the neurologic patient (4 pages)
 - H2-Oh no you didn't: Why a wet dog is a good dog when it comes to physical rehabilitation (4 pages)

15. ***Thomovsky SA.** *Proceedings of the 2015 Purdue Veterinary Conference*, Purdue University, West Lafayette, IN. September 2015.
 - Neurologic exam review and neurolocalization challenges (8 pages)
 - Physical therapy for the post-operative neurosurgical patient (4 pages)

16. ***Thomovsky SA.** *Proceedings of the Advanced Veterinary Spinal Manipulative Therapy (VSMT) with Clinical Application in Neurology, Oasis Healing and Wellness Center*, Sturtevant, WI. February 2015.
 - Neurologic manifestations of systemic disease (5 pages)
 - Neurologic pain (5 pages)
 - Paroxysmal dyskinesias – Part 1 (5 pages)
 - Paroxysmal dyskinesias – Part 2 (5 pages)

Non-Peer Reviewed Publications

PUBLISHED

Since Promotion to Clinical Associate Professor

1. ***Thomovsky SA.** Client-based information articles for the Purdue Small Animal Hospital Physical Rehabilitation website. April 2018.
 - Physical rehabilitation for the veterinary orthopedic patient
 - Physical rehabilitation for the veterinary neurologic patient
 - Water therapy and its use in physical rehabilitation

Committee Service (Including Appointed or Elected Offices)

National

2018-Present	American College of Veterinary Internal Medicine (ACVIM) Neurology Nominations Committee (Chair , 2020-2021; Co-Chair , 2018-2020, 2021-2022)
2022-Present	American College of Veterinary Internal Medicine (ACVIM) Neurology Job Task Force Analysis
2022-Present	American College of Veterinary Internal Medicine (ACVIM) inaugural selection committee for the new William R. Fenner Early Career Award for Outstanding Service, selected by ACVIM to serve on this committee (Assistant Chair , 2022-2023; Chair , 2023-2024)

- 2015-2018 American College of Veterinary Internal Medicine (ACVIM) Neurology Residency Credentials Committee (**Chair**, 2016-2017; **Co-Chair**, 2015-2016, 2017-2018)
- 2012-2015 American College of Veterinary Internal Medicine (ACVIM) Neurology Residency Training Committee (**Chair**, 2014-2015; **Co-Chair**, 2012-2014)

Purdue University

- 2018-2020 Architectural and Landscape Design and Planning Committee (main campus committee)

College of Veterinary Medicine – Purdue University

- 2023-Present VCS ad hoc Awards Committee
- 2018-2022 Veterinary Nurses Admissions Committee
- 2018-2019 Grade Appeals Committee (alternate)
- 2015-2017 Grade Appeals Committee

School of Veterinary Medicine – Washington State University

- 2010-2014 Scholarship Committee (**Co-Chair**, 2011-2013; **Chair**, 2013-2014)
- 2011-2014 **Co-Chair**, House Officer Committee
- 2011-2014 **Co-Chair**, Internship Committee
- 2012-2014 Student Faculty Council
- 2013-2014 Art in the Library Committee
- 2013-2014 Medical Record Review Committee

Department / Veterinary Hospital – Purdue University

VETERINARY CLINICAL SCIENCES (VCS)

- 2020-Present Residency Training Program Committee

VETERINARY HOSPITAL

2015-Present	Internship Committee
2016-Present	Continual Improvements Committee

Contributions to Diversity, Equity, and Inclusion

I am a female and also my paternal grandparents emigrated here from Macedonia in the early 1900s. I strive to treat those with whom I interact equally.

Faculty Mentoring

2019-Present	Faculty mentor to Dr. Caroline Gillespie Harmon, Assistant Professor, Equine Community Practice
2020-Present	Faculty mentor to Dr. Jessica Ogden, Assistant Professor, Small Animal Surgery

Meetings and Courses Attended

1. Montana State Veterinary Medical Association – 2019
2. Healing Oasis and Wellness Center Conferences – 2015, 2017, 2019, 2021
3. IVMA – 2017
4. Kansas State Veterinary Medical Association – 2016
5. Purdue Fall Conference – 2015, 2016

Other Service

To the College of Veterinary Medicine

2020-Present	Advisory Board, Center for Paralysis Research Center
Spring 2020	Participated in Zoom discussion with hospital donors to introduce them to the new physical rehabilitation department and facility in the new hospital
Aug. 2018	State Fair 4-H veterinary health exams, Indianapolis, IN

Jan. 2018 Editing neurology and PT lesson plans for “That’s a Roll…” San Miguel extension materials

Extension and Community Service Activity

2022-Present	Boiler Vet Camp advisor for 2 labs (4 hours total)
2023-Present	Grandparents University, July 13, 203 (1 hour total)
2023-Present	BAER examinations at dog shows <ul style="list-style-type: none">• International Kennel Club of Chicago Dog Show, Schaumburg, IL; January 7, 2023• Fort Custer Dog Show, Fort Wayne, IN; November 5, 2022
2017-2019	Purdue Summer Band, flute player (cancelled summers 2020-2021 due to COVID)
2017-2019	Lafayette Regional Science Fair Judge for elementary to college aged science fair projects/poster presentations.
2017-2018	Grandparents University June 28, 2018 (1 hour total)
2016-2017	Boiler Gold Rush; Faculty mentor for incoming freshman students; group composed of foreign undergraduate students
2012-2013	Washington State University: Cougar Orientation and Leadership Experience (COLE), group leader

Bulletins and Reports

Wrote client-based information articles for the Purdue Small Animal Hospital Physical Rehabilitation website. April 2018.