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**CURRENT APPOINTMENTS:**  
Associate Professor, Small Animal Clinical Sciences

**EDUCATION:**

Degrees

- May 2005 - August 2008      MS, University of Illinois
- August 2000 - May 2004      DVM, Michigan State University, (Cum laude)
- August 1996 - May 2000      BS, Michigan State University, (Magna cum laude)

Certifications

- Diplomate: Small Animal Surgery, American College of Veterinary Surgeons

Licensures

- January 2011 - Present    Limited Veterinarian License, Ohio
- January 2004 - Present    Veterinarian License, Michigan

**CLINICAL EXPERIENCE:**

Associate Professor. Health Professions, Small Animal Surgery. Department of Small Animal Clinical Sciences. Michigan State University.

August 2018- Present

- General and oncological surgery.
- Clinical teaching with third and fourth year veterinary students.
- Didactic teaching for first, second- and third-year veterinary students.
- Advising and mentoring surgery residents.
- Advising and mentoring interns and veterinary students.

Assistant Professor and Associate Professor. Clinical, Small Animal Surgery, Department of Veterinary Clinical Sciences. The Ohio State University.

February 2011- July 2018.

- General and oncological surgery.
- Clinical teaching with fourth year veterinary students.
- Didactic teaching for first, second- and third-year veterinary students.
- Didactic teaching for graduate students.
- Advising and mentoring surgery residents.
- Advising and mentoring interns and veterinary students.

Surgery Clinician. Michigan Veterinary Specialists

August 2008-January 2011.

- General, oncologic, orthopedic, and neurologic surgery.
- Daily teaching rounds with interns included cage side rounds, supervision and evaluation of grand rounds, literature reviews, and research presentations.
- Organizing and supervising the resident didactic course work.
- Primary on-call surgeon.
- Didactic teaching for surgery residents.

Small Animal Surgical Residency. University of Illinois.  
2005-2008.

- Primary case management of surgical cases; soft tissue, oncologic, orthopedic, and neurologic surgery. Responsibilities included implementing diagnostic and treatment plans, communication with the owner and referring veterinarian, post-operative management.
- Daily teaching rounds with the students and house officers.
- Primary emergency duty for surgical cases presenting to the emergency service. Supervision and instruction of house officers in case management.
- Weekly didactic rounds with clinical pathology, radiology, and critical care.

Small Animal Medicine and Surgery Internship. University of Illinois.  
2004-2005.

- Clinician on local and referred internal medicine cases. Responsibilities included examination of patient, diagnostic procedures, treatments, client communication, communicating with the referring veterinarian, and follow-up care. Instructed and supervised students on these duties.
- Sole emergency clinician overnight and throughout the weekend. Responsibilities included triage, emergency supportive care, diagnostic procedures, and life support.
- Primary surgeon on routine elective procedures such as spays and neuters. Assisted residents and senior faculty with surgery appointments, emergencies, and perioperative care. Instructed and supervised students on these duties.
- Primary anesthesia clinician on-call for emergency cases. Instructed and supervised the on-call student.

Preceptor, Mixed Animal Private Practice. Twin Bridges, Montana. 2003.

- Completed a three-week preceptorship in a mixed animal practice. Responsibilities included assisting in examination of patients, treatment of patients, assessing business management, and client communication.
- Performed spays and neuters in conjunction with the local humane society.

Emergency Clinic Receiving, Student Employee. Michigan State University. 2001-2002.

- Worked as a receiving student for weekend and holiday emergency hours. Responsibilities included triage, diagnostics, treatment, and client communication.
- Assisted in performing treatments on the patients in the Intensive Care Unit.
- Assisted the interns, residents, and emergency clinicians in the stabilization of critical patients.

Veterinary Assistant, Bennett Road Animal Hospital. Okemos, MI. 1997-2000.

- Assisted with animal health maintenance and care of animals in the clinic.
- Duties included assisting with surgery, venipuncture and fluid administration, and giving injections.
- Responsible for in-house lab tests including fecals, urinalysis, and serologic tests.

## TEACHING:

### *Professional Students Didactic and Laboratory:*

Years taught	Course number/title (credit hours)	Enrollment	Role	Student eval	Peer eval	Instruction method
2019	VM 557 Operative Surgery	111	Team leader for the junior surgery course that teaches surgery techniques. Created syllabus and schedule for lectures and labs. Updated and organized the D2L, location for all course materials. Provided about 60 hours of lab. Provided 8 hours of lecture. Created the final exam.	Y	N	Lecture and lab
2019	VM 536 Respiratory Diseases II	120	Provided prep material which included a PPT, and reading materials. Gave 1 hour case discussion on brachycephalic obstruction airway syndrome.	Y	N	Lecture

2019	VM 535 Theriogenology II	120	Provided prep material which included a PPT, and reading materials. Gave 1 hour case discussion on cesarean section.	Y	N	Lecture
2019	VM 534 Integument II	120	Provided prep material which included a PPT, and reading materials. Gave 3 hours case discussion on wound management. Provided 4 hours of lab on biopsy techniques.	Y	N	Lecture and lab
2019	VM 519 Integument I	120	Created a PPT and multiple videos for teaching simple interrupted suture pattern, needle loading and needle transfer skills.	Y	N	Lecture and lab
2019	PDI 634 Elective Endocrinology Clerkship	15	Presented lectures and lead case discussions regarding surgical oncology cases for 8 hours during a special elective offered once a year.	Y	N	Lecture
2019	VM 545 Intro to Surgery	120	Gave 2 hours of lecture and 36 hours of lab instruction.	Y	N	Lecture and lab
2018- 2019	VM 547 Respiratory Diseases (4)	~110	Taught 4 hours of lab focused on larynx and trachea.	Y	N	Lab
2018	VM557 Operative Surgery (2)	~114	Created 2 new lecture PPT presentations. Created 3 exam questions per lecture. Supervised 49 hours of lab time. Also reviewed paper work for recovery surgeries.	Y	N	Lecture/ Lab
2018- 2019	VM549 Applied Diagnostic Imaging (1)	~110	Led the lecture/ lab portion for 8 hours. Reviewed previous instructor material, edited lecture. Reviewed and edited quiz. Met with students about grades	Y	N	Lecture/ Lab
2018	VM 516	8	Supervised student presentations for 2 hours.	N	N	Laboratory
2013- 2018	VM7754 Clinical Oncology (2)	100	I was a team member for this course. Created 1-2 hour of lecture including a PPT and PDF handout, and multiple-choice questions for the exam.	Y	N	Lecture
2012- 2018	VM6614 Professional Development 2b (1)	160	Team member. I presented 1 hour of lecture including a PPT, videos and interactive discussion.	Y	N	Lecture
2012- 2018	VM6614 Professional Development 3b (1)	160	I supervise students during a communication laboratory where they work on communication skills with simulated clients in difficult scenarios. Following the exercise, we provide feedback and suggestions. 9 hours.	Y	N	Lab
2011- 2018	VM7615 Small Animal Operative Practice (4)	162	Team member. Provided existing 7 hours lecture which included PPT, PDF handouts, and notes. I provided 26 hours of laboratory instruction (visceral lab, bandaging, head and neck, spay and neuter). Wrote multiple choice questions for each hour of lecture provided.	Y	Y	Lecture/ Lab
2011- 2017	VM7653 Introduction to Surgery (2)	160	Team member. I gave 1 new lecture. I gave 4 existing lectures with PPT, provided PDF and class notes. Created exam questions for each lecture. I supervised 8 hours of laboratory time.	Y	Y	Lecture/ Lab
2012- 2018	VM6614 Professional Development 3a (1)	160	Team member. I presented 1 hour of lecture including a PPT, videos and interactive discussion. I had 6 hours of communication labs as a moderator for simulated client experiences.	Y	N	Lecture/ Lab
2016- 2018	VM6150 Vet Prev Medicine (3)	165	I provided a PPT presentation and discussion regarding Applied Risk Communication. The lecture was focusing on communicating risk to clients and the practical applications of risk.	Y	N	Lecture
2015, 2014, 2013, 2012	VM 6570 Clinical Veterinary Medicine	164	Team member. The students were split into groups of which I was assigned a group of 10 students. I read their 2 assignments and encouraged group discussion about their	N	N	Precepting

	Experience (1)		experiences.			
2014, 2013, 2011	VM7628 Small Animal Surgery	44	Team member. I provided a 1-hour interactive lecture using PPT and clicker questions. Multiple choice questions were created for the exam.	N	N	Lecture
2008	VM 652 Junior Surgery Laboratory	120	Supervised and assisted junior students during recovery animal spay and neuter procedures. Provided nursing, boarding and veterinary care for the shelter animals while in the teaching hospital. Read all SOAPs and surgery reports and provided feedback.	Y	N	Precepting
2008	VM 670 Senior Surgery Laboratory	120	Supervised and assisted senior students during recovery animal spay and neuter procedures. Provided nursing, boarding and veterinary care for the shelter animals while in the teaching hospital.	Y	N	Precepting
2007	VM 600 Gross Anatomy (6)	100	I organized anatomical case examples as lectures to aid in integration of anatomy and clinical medicine. Performed gross dissection of a cadaver for review. Taught laboratories demonstrating orthopedic examinations.	N	N	Lecture/ Lab
2004	VIPS 3 and 4 Veterinary Integrated Problem Solving 3 and 4	100	Case moderator. Supervised second- and third-year veterinary students while working through a problem based learning case. Provided direction and suggestions for proper case management. led a discussion following completion of the case.	N	N	Precepting
2002	ANT 515 Comparative Veterinary Gross Anatomy	100	I functioned as both a teaching assistant and as a tutor. Assisted first year veterinary students with dissection, integration, and memorization of gross anatomy. Assisted with setting up examinations. Offered after hours study sessions. Weekly meetings with 5 first year veterinary students to assist in studying and preparing for gross anatomy lecture, lab, and examinations. Responsibilities included writing quizzes, organizing brief lectures, and guiding dissections.	No	No	Precepting

***Graduate Student Didactic and Laboratory:***

2011-2018	VC8893.01 Case conference surgery (1)	8	Team leader and attending faculty. I attend weekly meetings and provide feedback to the residents, assist in preparing seminars, advise in reviewing journal articles, and quiz residents about knowledge base and critical thinking.	N	N	Lecture
2011-2018	VC8893.03 Case Conference - surgery (1)	8	Team leader and attending faculty. I attend weekly meetings and provide feedback to the residents, assist in preparing seminars, advise in reviewing journal articles, and quiz residents about knowledge base and critical thinking.	N	N	Lecture
2016, 2011	VC8833 Advanced Veterinary Surgical Reconstruction (2)	8	I was the team leader for this course and created the syllabus and schedule. I organized several guest lecturers. I created 2 PPT presentations. I organized 2 wet labs (4 hours), wrote objectives and procedures for the labs. Provided direct observation and feedback for attendees. I wrote and	N	N	Lecture/ Lab

			administered 2 mid-term exams and a practical final exam. I graded the exams and organized the grades.			
2016	VC8833.02 Advanced Veterinary Surgical Oncology (2)	16	I was co-team leader for this course and helped create the syllabus and schedule. We arranged for several guest lecturers. I created 2 new PPT lectures. I organized 2 wet labs, wrote objectives and procedures for the labs.  Provided direct observation and feedback for attendees. I co-wrote and administered the 2 mid- term exams and a practical final exam. I graded the exams and organized grades.	N	Y	Lecture/ Lab
2015, 2012	VC8803.03 Respiratory and Thoracic Surgery (2)	8	Team leader and teaching team member. Created the syllabus and schedule, including 8 PPT and PDF handouts for the students. Created 2 new lectures along with 5 existing lectures for this course. Wrote multiple choice questions for each lecture. Compiled and distributed midterm and final exam multiple choice tests. Created and administered a practical exam. Graded all exams. Provided a review for discussing the practical exam.	N	N	Lecture/ Lab
2015, 2012	8833.02 Gastrointestinal Surgery (2)	8	Team leader and lecturer. I provided 8 hours of lecture including 8 PPT and PDF handouts for the students. I created multiple choice questions for those 8 lectures. I organized and instructed 2 wet labs for the surgical residents, 4 hours. I compiled the multiple-choice mid-term and final examinations. I wrote and administered a practical examination. I graded all exams.			Lecture/ Lab
2017, 2014	VM8833 Advanced Veterinary Urology (2)	13	I was a team member for this course. I created 1 PPT presentation. I organized 1 wet lab (2 hours) and provided direct observation and feedback for attendees.	N	N	Lecture/ Lab
Fall 2011	822.08 Veterinary Hepatology (2)	13	3%, Teaching team member. I provided a 1-hour lecture presented with a PowerPoint presentation on hepatobiliary surgical considerations and portosystemic shunts and wrote 3 exam questions.	Yes	No	lecture

***Clinical Teaching:***

2018-present	SCS 626 (2)	45	Attending faculty for the clinical service. We have case rounds twice daily emphasizing assessments and plans for each hospital case. We have topic rounds 3 times weekly focusing on problem solving cases that were assigned to each student as well as interesting cases from the clinic.	Y	N	Precepting
2011-2018	VC7700 Applied Veterinary Medicine: Small Animal Surgery - Soft Tissue (2)	60	Team leader and attending faculty for the clinical service. Review and approve absence forms. We have case rounds twice daily emphasizing assessments and plans for each hospital case. We have topic rounds 3 times weekly focusing on problem solving	Y	Y	Precepting

			cases that were assigned to each student as well as interesting cases from the clinic.			
2015-2018	VC7700 Veterinary Surgical Oncology (2)	60	Team leader and attending faculty for the clinical service. Review and approve absence forms. We have case rounds twice daily emphasizing assessments and plans for each hospital case. We have topic daily focusing on disease mechanisms, diagnostics and treatment.	Y	Y	Precepting

### **GRADUATE STUDENTS:**

- 2014 – 2016 Jennifer Song. Parathyroid hormone and vitamin D metabolites in dogs undergoing surgery for primary hyperparathyroidism. The Ohio State University, College of Veterinary Medicine, Columbus, Ohio. Graduated:2016. Current Positions: Private Practice.
- 2014 – 2016 Eric Hostnik. Cross-Sectional Imaging of the English Bulldog: The Use of Computed Tomography for a Novel Approach to Quantify Upper Airway Disease and Multi-Detector Cardiac Angiography. The Ohio State University, College of Veterinary Medicine, Columbus, Ohio. Graduated:2016. Current Positions: Tenure-Track Position.
- 2012 – 2015 Kristen Datte. Evaluation of microcirculation in GDV patients. The Ohio State University, College of Veterinary Medicine, Columbus, Ohio. Graduated:2015

### **SURGERY RESIDENT ADVISOR:**

- 2018- Present. Raphael Repellin. Michigan State University, College of Veterinary Medicine, East Lansing. MI. Current positions: Small animal surgery resident.
- 2017 – 2018. Alexandra Kalamaras. The Ohio State University, College of Veterinary Medicine, Columbus, Ohio Current Positions: Small animal surgery resident.
- 2014 – 2017. Helene LePommellet. The Ohio State University, College of Veterinary Medicine, Columbus, Ohio. Graduated:2017. Current Positions: Private Practice.
- 2011 – 2014. Vincent Wavreille. The Ohio State University, College of Veterinary Medicine, Columbus, Ohio. Graduated:2014. Current Positions: Tenure-Track Position.

### **SURGERY RESIDENT PRECEPTOR:**

- 2017 – Present. Sarah Salyer. The Ohio State University, College of Veterinary Medicine, Columbus, Ohio Current Positions: Small animal surgery resident.
- 2017 – Present. Brian Dent. The Ohio State University, College of Veterinary Medicine, Columbus, Ohio Current Positions: Small animal surgery resident.
- 2016 – Present. Amy Zide. The Ohio State University, College of Veterinary Medicine, Columbus, Ohio Current Positions: Small animal surgery resident.
- 2016 – Present. Elizabeth Hoffman. The Ohio State University, College of Veterinary Medicine, Columbus, Ohio Current Positions: Small animal surgery resident.
- 2016 – Present. Brittney Johnson. The Ohio State University, College of Veterinary Medicine, Columbus, Ohio Current Positions: Small animal surgery resident.
- 2015 – Present. James Howard. The Ohio State University, College of Veterinary Medicine, Columbus, Ohio Current Positions: DACVS Assistant Professor OSU.
- 2015 – Present. Michaela Gruenheid. The Ohio State University, College of Veterinary Medicine, Columbus, Ohio Current Positions: Staff surgeon private practice.
- 2014 – 2017. Daniel Davis. The Ohio State University, College of Veterinary Medicine, Columbus, Ohio. Graduated:2017. Current Positions: Private Practice.
- 2013 – 2016. Jennifer Song. The Ohio State University, College of Veterinary Medicine, Columbus, Ohio Current Positions: Private Practice.
- 2013 – 2016. Judith Bertran. The Ohio State University, College of Veterinary Medicine, Columbus, Ohio.

Current Positions: Assistant Professor University of Florida.

- 2012 – 2015. Audrey Wanstrath. The Ohio State University, College of Veterinary Medicine, Columbus, Ohio. Graduated:2015. Current Positions: Clinic track faculty member.
- 2012 – 2015. Bronwyn Fullagar. The Ohio State University, College of Veterinary Medicine, Columbus, Ohio. Graduated:2015. Current Positions: Clinical Practice.
- 2011 – 2014. Lauren Pugliese. The Ohio State University, College of Veterinary Medicine, Columbus, Ohio . Graduated:2014. Current Positions: Private Practice.
- 2013 – 2014. Emily Morrison. The Ohio State University, College of Veterinary Medicine, Columbus, Ohio Current Positions: Unknown.
- 2011 – 2013. Jason Callard. The Ohio State University, College of Veterinary Medicine, Columbus, Ohio . Graduated:2013. Current Positions: Private Practice.
- 2011 – 2013. Katy Townsend. The Ohio State University, College of Veterinary Medicine, Columbus, Ohio . Graduated:2012. Current Positions: Tenure-Track Position.
- 2009 – 2011. Jitender Bhandal. Michigan Veterinary Specialists, Southfield, Michigan Current Positions: DACVS Specialty practice.

### **PROFESSIONAL STUDENTS (DVM ADVISOR):**

- 2017-2018 Jordan Gibson. The Ohio State University, College of Veterinary Medicine, Columbus, Ohio. Current Positions: Veterinary Student
- 2014 – 2017 Kyle Connell. The Ohio State University, College of Veterinary Medicine, Columbus, Ohio. Graduated:2017. Current Positions: Emergency clinician.
- 2013 – 2016 Emilee Luckring. The Ohio State University, College of Veterinary Medicine, Columbus, Ohio. Graduated:2015. Current Positions: Small Animal Surgeon.
- 2012 – 2014 Marie Dantio. The Ohio State University, College of Veterinary Medicine, Columbus, Ohio. Graduated:2014. Current Positions: Small animal neurology resident.
- 2012 – 2013 Brittany Dan, DVM. The Ohio State University, College of Veterinary Medicine. Graduated:2013. Current Positions: Diplomate ACVS.
- 2012 – 2013 Jennifer Song. The Ohio State University, College of Veterinary Medicine Current Positions: Diplomate ACVS.

### **INTERN ADVISOR:**

- 2018. Michael Hale. Michigan State University, College of Veterinary Medicine, East Lansing. Current Position: Small animal rotating intern.
- 2015 – 2016. Brittney Johnson. The Ohio State University, College of Veterinary Medicine, Columbus, Ohio Current Positions: Clinical instructor Ohio State University.
- 2014 – 2015. Nathan Voss. The Ohio State University, College of Veterinary Medicine, Columbus, Ohio Current Positions: Small animal oncology resident.

### **UNDERGRADUATE ADVISOR:**

- 2016. Srighana Nadella. The Ohio State University, College of Veterinary Medicine, Columbus, Ohio

### **AWARDS:**

- Sydney Award Excellence in Veterinary Care. Ohio State University 2018.
- Honorable Mention for the Clinical Publication Surgical Resident Award Competition for “Validation of a rapid parathyroid hormone assay and intraoperative measurement of parathyroid hormone in dogs with benign naturally occurring primary hyperparathyroidism. ACVS Symposium 2009.
- Golden Oar Achievement Award. Awarded by the Veterinary Teaching Hospital for excellence and teamwork. 2007.

- American College of Veterinary Surgeons. Student Surgery Award for Excellence in Small Animal Surgery. 2004.
- Harold and Jean Glassen Memorial Foundation Award for Excellence in Comparative Ophthalmology. 2004.
- American Animal Hospital Association for Outstanding Achievement at Michigan State University College of Veterinary Medicine. 2004.
- Butler Company Award for Greatest Potential in Small Animal Practice (as selected by classmates). 2004.
- Dean's List, Michigan State University. 1997-1998, 1998-1999, 1999-2000

## PUBLICATIONS:

### *Books:*

- **Ham K**, Howard J, Zide A, Kieves N, "Blackwell's 5-minute veterinary consult clinical companion: Small animal gastrointestinal diseases". [Editor-Review] (Forthcoming). Wrote and edited chapter for Portosystemic vascular anomaly
- Howard J, **Ham K**, Kieves N, Zide A, "Blackwell's 5-minute veterinary consult clinical companion: Small animal gastrointestinal diseases". [Editor-Review] (Forthcoming). Helped write and edit chapter Gall bladder mucocele
- Kieves N, Zide A, Howard J, **Ham K**, "Blackwell's 5-minute veterinary consult clinical companion: Small animal gastrointestinal diseases". [Editor-Review] (Forthcoming). Helped write and edit chapter Craniomandibular osteopathy
- Zide A, Kieves N, **Ham K**, Howard J, "Blackwell's 5-minute veterinary consult clinical companion: Small animal gastrointestinal diseases". [Editor-Review] (Forthcoming). Helped write and edit chapter Salivary mucocele
- **Kathleen Ham**, "Validation of a rapid parathyroid hormone assay and intraoperative measurement of parathyroid hormone in dogs with benign naturally occurring primary hyperparathyroidism". Urbana: University of Illinois, 2008. (Published) Submitted in partial fulfillment of the requirements for the degree of Master of Science in Veterinary Clinical Medicine in the Graduate College of the University of Illinois at Urbana-Champaign, 2008

### *Bulletins, Tech Reports, Fact Sheets:*

- Novel electroceutical gives furry friend a leg up in healing. OSU College of Engineering. 2019. <https://mae.osu.edu/news/2019/02/novel-electroceutical-gives-furry-friend-leg-healing>
- Hannah Yang. "Once obese dog loses 75% of his body weight". Columbus Dispatch. (2015) [http://www.dispatch.com/content/stories/life\\_and\\_entertainment/2015/03/09/spunky-spitfire.html](http://www.dispatch.com/content/stories/life_and_entertainment/2015/03/09/spunky-spitfire.html).
- Antoniette Coulton. "Dennis the Dachshund sheds 43 pounds". People magazine. (2015) <http://www.peoplepets.com/people/pets/article/0,,20893045,00.html>.
- Lou Anne Epperly. "Endoscopy's Popularity Increases". Veterinary Practice News. (2012) <http://www.veterinarypracticenews.com/vet-dept/small-animal-dept/endoscopy-popularity-increases.aspx>. Worked with author to answer questions and provide education about endoscopy.
- Lou Anne Epperly. "Surgical Lasers Aren't Just For Teaching Hospitals". Veterinary Practice News. (2012) [http://mydigitalpublication.com/display\\_article.php?id=972465](http://mydigitalpublication.com/display_article.php?id=972465). Worked with author to answer questions and provide education about the topic of lasers.
- Melissa Weber, "New Technologies Promises Better, Shorter Surgeries". ( 2012 )(Published) 13% Authorship: Meet with author for an interview and picture, revised article.
- Kathleen Ham, "Surgery STAT: An overview of primary hyperparathyroidism in dogs". no. May 1, 2011. Edited by: Christopher Hill. North Olmsted: ( 2011 )(Published) <http://veterinarynews.dvm360.com/dvm/issue/issueDetail.jsp?id=20053>

### *Peer-Reviewed Journal Articles:*

- Characteristics and long-term outcomes of dogs with gastroesophageal intussusception. Grimes JA, Fleming JT, Singh A, Campbell BG, Hedlund CS, Tobias KM, Arai S, Ham K, Repellin R, Schroeder R, Sumner JP, Abrams B, Boudreau B, Lewis B, Wallace ML. JAVMA 2020 Apr 15;256(8):914-920.
- Vascular ring anomalies in cats: 20 cases (2000-2018). Bascunan A, Regier PJ, Case JB, Singh A, Balsa I, Flanders J, Thieman-Mankin K, **Ham K**. Vet Surg. 2019 Oct 9. Doi: 10.1111/vsu. 13327.



- Thermogenic crosstalk occurs between adipocytes from different species. Gilor C, Yang K, Lee A, Song N, Fadda P, Adin CA, Herbert C, Jennings R, **Ham K**, Lee J, Ziouzenkova O. Sci Rep. 2019; 9: 15177.
- Perioperative characteristics, histological diagnosis, and outcome in cats undergoing surgical treatment of primary hyperparathyroidism. Singh A, Giuffrida MA, Thomson CB, Baum J, Kramek B, Liptak JM, Hyndman P, Ringwood B, Smeak D, **Ham K**, Berg J, Thieman-Mankin K, Blois SL, Boston SE. Vet Surg. 2019 Apr;48(3):367-374. doi: 10.1111/vsu.13165. Epub 2019 Jan 21
- Bertran J, McLoughlin M, Wavreille V, Warry E, **Ham K**, "Laryngeal chondronecrosis after radiation therapy in a dog". J Small Anim Pract. 2018 Dec;59(12):783-787. doi: 10.1111/jsap.12783. Epub 2017 Nov 30. Managed case, helped review manuscript
- Serman AA, Thieman Mankin K, Cook AK, **Ham K**, "Likelihood and outcome for esophageal perforation associated with an esophageal foreign body in dogs". J Am Vet Med Assoc. 2018 Oct 15;253(8):1053-1056. doi: 10.2460/javma.253.8.1053. Contributed cases and reviewed manuscript.
- Delayed intestinal perforation secondary to blunt force abdominal trauma in a cat. Taylor A, Cooper E, **Ham K**. JFMS Open Rep. 2018 Apr 9;4(1):2055116918763410. doi: 10.1177/2055116918763410. eCollection 2018 Jan-Jun.
- Yang K, Adin CA, Shen Q, Lee L, Yu L, Fadda P, Somogyi A, **Ham K**, Gilor C, Ziouzenkova O, "Aldehyde dehydrogenase 1a1 (Aldh1a1) regulates energy metabolism in adipocytes from different species". Xenotransplantation. Vol. 10, epub ahead of print. 2017. (Published). Performed surgery to harvest fat from healthy dogs. Contributed to continuations of the study and study design. Reviewed manuscript.
- Luckring EJ, **Ham K**, Adin CA, McLoughlin MA, Stull JW, "Laparoscopic placement and urodynamic effects of an artificial urethral sphincter in cadaveric dogs". Veterinary Surgery. Vol. 45, no. 1: 20-27. 2016. (Published) ( IF: 1.295 ) ( Citation Count: 0 ) Designed the experiment and hypothesis. Performed the experiments with a summer research student. Helped write and review manuscript.
- Wavreille V, Boston SE, Souza C, **Ham K**, Chanoit G, Rosetti D, Takacs J, Veytsman S, Milner R, "Outcome after pneumonectomy in 17 dogs and 10 cats: A veterinary society of surgical oncology retrospective study". Veterinary Surgery. Vol. 45, no. 6: 782-789. 2016. (Published) ( IF: 1.041 ) ( Citation Count: 0 ) Provided case information for data analysis and helped edit and review manuscript.
- Bertran J, Wavreille VA, **Ham K**, McLoughlin MA, Adin CA, "Suture-Free Ureterovesical Anastomosis Using a Microvascular System: Canine Cadaveric Study". Veterinary Surgery. Vol. 44, no. 6: 731-6. 2015. (Published) Helped with study design and manuscript review.
- Wavreille, Vincent; Adin, Christopher, A; Arango, Johnattan; **Ham, Kathleen, L**; Byron, Julie, K; McLoughlin, Mary, A, "Suture-Free Technique for Canine Ureteral Resection-Anastomosis Using a Microvascular Anastomotic System: A Cadaveric Study". VETERINARY SURGERY. Vol. 44, no. 1: 17-22. 2015. (Published) ( IF: 0.989 ) ( Citation Count: 0 )
- Sherman, Amanda; **Ham, Kathleen**, "What is your diagnosis? Coccidioidomycosis.". Journal of the American Veterinary Medical Association. Vol. 245, no. 12: 1331-1333. 2014. (Published) ( IF: 1.672 )
- Brouwer, Christopher, J; Rose, Michelle; **Ham, Kathleen**, "What Is Your Diagnosis?". JAVMA-JOURNAL OF THE AMERICAN VETERINARY MEDICAL ASSOCIATION. Vol. 244, no. 4: 413-415. 2014. (Published) ( IF: 1.672 ) ( Citation Count: 0 )
- Reeves I, Adin C, McLoughlin M, **Ham K**, Chew D, "Outcome after placement of an artificial urethral sphincter in 27 dogs". Veterinary Surgery. Vol. 42, no. 1: 12-18. 2013. (Published) ( IF: 0.989 ) ( Citation Count: 2 ). Participated in clinical work.
- Przywara, John; Byron, Julie; Bennett, R, Avery; **Ham, Kathleen**; Greenfield, Cathy, L; Steele, Kirsten, "Prepubic Urethrostomy and Vaginoplasty in a Female Cat". Journal of the American Animal Hospital Association. Vol. 46, no. 6: 439-443. 2010. (Published) ( IF: 0.711 ) ( Citation Count: 1 ). Performed the surgery and documented all recordings from the case.
- **Ham, Kathleen**; Greenfield, Cathy L.; Barger, Anne; Schaeffer, David; Ehrhart, Eugene J.; Pinkerton, Marie; Valli, Victor E. O., "Validation of a Rapid Parathyroid Hormone Assay and Intraoperative Measurement of Parathyroid Hormone in Dogs with Benign Naturally Occurring Primary Hyperparathyroidism". Veterinary Surgery. Vol. 38, no. 1: 122-132. 2009. (Published) ( IF: 1.572 ) ( Citation Count: 5 ). Wrote and submitted grants for funding. Performed assay validation. Wrote IACUC for clinical trial. Advertised for case collection. Performed data gathering. Performed data analysis. Assisted with statistical analysis. Wrote and submitted paper. Performed all revisions.
- **Ham, Kathleen**; Griffon, Dominique; Seddighi, Mohammad; Johnson, Ann L., "Clinical Application of

Tobramycin Impregnated Calcium Sulfate Beads in Six Dogs (2002-2004)". Journal of the American Animal Hospital Association. Vol. 44, no. 6: 320-326. 2008. (Published) ( IF: 0.968 ) ( Citation Count: 6 ). Case series. Pulled and reviewed records for data collection. Organized data and summarized for the paper. Performed literature search on topic. Wrote and submitted the paper. Performed all revisions.

#### ***Abstracts:***

- Sandness B, Stanley BJ, Pitt K, Ham K. Use of fish skin substitute for treatment of a burn wound in a dog. SVSTS 2019.
- Salyer S, Ham K Submaranian V. Electroceutical dressing for treatment of chronic wound and biofilm. SVSTS 2018. Published.
- Howard J, Ham K, Jones S. "Parathyroid localization using parathyroid hormone concentration and fluoroscopy". SVSTS Proceedings. Whitefish: SVSTS. (2017) [ Peer-Review] (Published)
- Ham K, Hostnik E. Quantification of Airflow Resistance by Computed Tomography in English Bulldogs Before and After Airway Surgery. ACVS Summit 2017. Published.
- Song J, Ham K, Gilor C, Chew D. "Evaluation of Percent Change in Parathyroid Hormone and Preoperative Calcidiol and Calcitriol Concentrations as Predictive Factors for Developing Postoperative Hypocalcemia in 10 dogs with Primary Hyperparathyroidism". Proceedings. Seattle: ACVS. (2016) (Published) Advisor to the graduate student and resident project for this research. Performed study design, enrolled cases, managed cases, reviewed and analyzed data, helped with abstract writing and submission.
- Luckring Emilee, Ham K, Adin C, Byron J, McLoughlin M. "Laparoscopic application of artificial urethral sphincter in cadaveric dogs". ACVS Proceedings. San Diego: ACVS. (2014) (Published)
- Luckring E, Ham K, Adin C, Byron J, McLoughlin M. "Laparoscopic application of artificial sphincter in cadaveric dogs". 2014 OSU CVM Research Day. Columbus: OSU CVM. (2014) (Published)
- Brooks, Aimee, Adin C, Ham K. "Comparison of a Traditional Fluid Warming Method for Peritoneal Lavage to an On- Demand Fluid Warming System". 2012 OSU CVM Research Day. Columbus: Ohio State University College of Veterinary Medicine. (2012) (Published). Provided mentorship and assisted in study design and reviewing the poster.
- Kathleen Ham, Cathy Greenfield, Anne Barger. "Perioperative parathyroid hormone monitoring and assay validation". 2007 ACVS Conference Proceedings. Chicago: ACVS Symposium. (2007) [ Peer-Review] (Published) Performed assay validation. Submitted grants for funding. Submitted IACUC for clinical trial. Gathered and analyzed data. Wrote and submitted the abstract.
- Kathleen Ham, Dominique Griffon, Ann Johnson. "Clinical Application of Tobramycin Calcium Sulfate Beads in Six Dogs (2002-2004)". 2005 ACVS Conference proceedings. San Diego: ACVS symposium. (2005) [ Peer-Review] (Published). Case series where I reviewed, recorded data, and summarized information. Performed literature search on topic. Wrote and submitted the abstract.

#### ***Proceedings:***

- Ham, Kathleen. "Getting ahead of surgical complications" In: AVMA 2019 Washington DC. (In Press)
- Ham, Kathleen. "Wounds in practice; the diagnostic wound evaluation" In: AVMA 2019 Washington DC. (In Press)
- Ham, Kathleen. "Open wound management and strategies for large wounds" In: AVMA 2019 Washington DC. (In Press)
- Ham, Kathleen. "Decision making with adrenal tumors" In: AVMA 2018 Denver. (In Press)
- Ham, Kathleen. "How to help the brachycephalic dogs" In: AVMA 2018 Denver. (In Press)
- Ham, Kathleen. "When does thyroid and parathyroid disease become surgical" In: Potomac AVMA 2018 Denver. (In Press)
- Ham, Kathleen. Brachycephalic obstructive airway syndrome. In: ACVS Summit 2017. Published.
- Ham, Kathleen. "Gastrointestinal surgery: tips and tricks" In: AVMA 2017 Indianapolis. (In Press)
- Ham, Kathleen. "Inflammatory polyps in cats" In: AVMA 2017 Indianapolis. (In Press)
- Ham, Kathleen. "Laparoscopic procedures in clinical practice" In: AVMA 2017 Indianapolis. (In Press)
- Ham, Kathleen. "Vitamin D and Primary Hyperparathyroidism" In: AVCS Summit. (2015): 1-5. (Published) Created a 30-minute PPT lecture about the role of vitamin D in dogs with primary hyperparathyroidism. Wrote proceeding notes that are published and available to attendees.

- Kathleen Ham. "Chronic Wounds" In: ACVS Summit. (2013): 1-5. (Published). Created a 30-minute lecture with PowerPoint. Created proceedings that are published for review by attendees.
- Kathleen Ham. "Updates on thyroid, parathyroid, and pancreatic surgery in dogs" In: 2010 ACVS Symposium. (2010): Endocrine Surgery. (Published) Performed literature search on the topic and wrote the proceedings.

## **LECTURES AND LABS:**

### ***Invited international CE lectures:***

- Wounds in practice; the diagnostic wound evaluation. Presented at AVMA 2019
- Open wound management and strategies for large wounds. Presented at AVMA 2019
- Getting ahead of surgical complications. Presented at AVMA 2019
- Adrenal surgery and decision making. Presented at AVMA 2018
- BOAS. Presented at AVMS 2018
- Hypercalcemia and parathyroid disease. Presented at AVMA 2018.
- BOAS How can we help. Presented at TGAVC 2018.
- Small intestinal surgery: tips and tricks. Presented at TGAVC 2018.
- Wound evaluations and principles of wound healing. Presented at TAGVC 2018
- Principles of surgical oncology. Presented at TAGVC 2018
- Practical approaches to tumor removals. Presented at TAGVC 2018
- Surgical complications: classifications and decision making. Presented at TAGVC 2018
- Deciphering surgical diseases of the intestinal tract. Presented at TGAVC. 2018
- "Gastrointestinal surgery: tips and tricks." Presented at AVMA. (2017)
- "Inflammatory polyps in cats." Presented at AVMA. (2017)
- "Laparoscopic applications in clinical practice." Presented at AVMA. (2017)
- BOAS. Presented at 2017 ACVS Summit Indianapolis
- Gallbladder disease. Presented at 2017 ACVS Summit Indianapolis
- Wound management. Presented at 2017 ACVS Summit Indianapolis
- "Vitamin D and Primary Hyperparathyroidism." Presented at 2015 ACVS Summit. Nashville, Tennessee, United States. (2015). Created and presented a 30-minute PowerPoint presentation about vitamin D and dogs with primary hyperparathyroidism.
- "Chronic Wounds." Presented at ACVS Symposium. San Antonio, Texas, United States. (2013). Created and presented a 30-minute PowerPoint presentation about Chronic wounds.
- "Update on Thyroid, Parathyroid, and Pancreatic Surgeries in Dogs." Presented at 2010 ACVS Symposium. Seattle, Washington, United States. (2010). Presented a 30 minute PowerPoint presentation to attendees which included Diplomates of the American College of Veterinary Surgeons and general practitioners.

### ***Abstract presentations:***

- Ham K, Hostnik E. Quantification of Airflow Resistance by Computed Tomography in English Bulldogs Before and After Airway Surgery. ACVS Summit 2017.
- Kathleen Ham, Lecturer. "Abstract: Perioperative Parathyroid Hormone Monitoring and Assay Validation." Presented at 2007 ACVS Symposium. (2007). 90% Authorship: Presented a PowerPoint presentation to Diplomates of the American College of Veterinary Surgeons and general practitioners.
- Kathleen Ham, Lecturer. "Abstract: Clinical Application of Tobramycin Calcium Sulfate Beads in Six Dogs (2002- 2004)." Presented at 2005 ACVS Symposium. San Diego, California, United States. 2005) 90% Authorship: Case series where I reviewed and recorded data, and summarized information. Performed literature search on topic. Created a PowerPoint presentation for Diplomates of the American College of Veterinary Surgery and general practitioners

### ***Invited local CE lectures:***

- Bandaging and open wound management. Presented at IVMA 2018
- BOAS. Presented at IVMA 2018

- Portosystemic shunts update. Presented at IVMA 2018
- Principles of surgical oncology. Presented at IVMA 2018
- Surgical complications. Presented at IVMA 2018
- Wound evaluations and principles of open wound management. Presented at IVMA 2018
- Adrenal gland decision making. Presented at PRVC. 2017
- BOAS. Presented at PRVC. 2017
- Parathyroid disease. Presented at PRVC. 2017
- "GI Surgery; Tips and Tricks." Presented at Columbus Academy Veterinary Medical Association. Columbus, (2013). Created a 1 hour PowerPoint presentation for veterinary general practitioners for continuing education.
- "Liver and Pancreatic Surgery." Presented at Toledo Veterinary Medical Association. (2012) This was a 1 day continuing education for general practitioners in the Toledo Veterinary Medical Association. I provided 2 hours of lecture focusing on hepatobiliary and pancreatic surgical techniques and diseases. This was presented in PowerPoint format. I also provided lecture notes for the attendees.
- "Updates on Intervertebral Disc Disease." Presented at Eastern Michigan Veterinary Medical Association. Macomb, Michigan, United States. (2010). Created a 1 hour PowerPoint lecture and presentation for veterinary general practitioners.
- "Hind limb lameness." Presented at Michiana Veterinary Medical Association. South Bend, Indiana, United States. (2009). Created a 2-hour PowerPoint presentation for general practitioners.
- "Update on Cranial Cruciate Ligament Injury and Treatment." Presented at Western Michigan Veterinary Medical Association. Grand Rapids, Michigan, United States. (2009). Created a PowerPoint presentation for general practitioners.
- "Extrahepatic Biliary Obstruction." Presented at Southern Illinois Veterinary Conference. Glen Carbon, Illinois, United States. (2007). Created a 1-hour PowerPoint lecture and presentation for veterinary general practitioners.
- "Perioperative Parathyroid Hormone Monitoring in Dogs." Presented at Northern Illinois Veterinary Medical Association Symposium. Rockford, Illinois, United States. (2007). Created a 1-hour PowerPoint lecture and presentation for veterinary general practitioners.
- "Updates on Intervertebral Disc Disease." Presented at Southern Illinois Veterinary Conference. Glen Carbon, Illinois, United States. (2007). Created 1-hour PowerPoint lecture and presentation for veterinary general practitioners.
- "Minimally Invasive Surgery." Presented at Columbus Academy Monthly Continuing Education. (2012). Presented a 1-hour PowerPoint lecture about minimally invasive surgery to general practitioners for continuing education.

#### ***Invited Local CE Labs:***

- Breakfast with the experts: Upper airway disease. 2014 MVC. I worked with a cardiologist to design a handout for the attendees. We provided pictures to add to the discussions. During the round table we presented information then opened up for discussion topics and questions.
- Lunch and Learn Discussions. MVS 2010. Traveled to referring veterinary clinics to present lectures and have discussions on various topics including wound management, primary hyperparathyroid disease, biopsy techniques, radiographic positioning. I created several PowerPoint presentations and provided lectures. There were usually 10-20 attendees each time and I provided 10 lectures during this time. Attendees included veterinary general practitioners, veterinary technicians, office managers, and receptionists.
- Orthopedic Wet Laboratories. MVS 2009. Invited veterinary general practitioners to Michigan Veterinary Specialists for an orthopedic laboratory. I created a PowerPoint presentation and handout for the attendees. I demonstrated orthopedic exams with referring veterinarians using live dogs. Each laboratory had about 15 attendees and the laboratory were offered 5 times during this time period. We would then discuss various cases and review radiographs.
- Cruciate and Patella Wet Laboratory. MVC 2009. At the Michigan Veterinary Conference, veterinary general practitioners participated in an orthopedic wet laboratory. This was a cadaver wet laboratory to perform extracapsular suture technique for cranial cruciate ligament injury, block recession, and tibial transposition for medial patellar luxation repair. I supervised the laboratory

portion of the course providing instruction and demonstrating techniques to the attendees.

### ***Grand Round/ Seminar Lectures:***

- Adrenal gland tumor. Surgery club 2018. Created interactive 1-hour PPT.
- Brachycephalic Obstructive Airway Syndrome. Technician lecture series 2017.
- Mandibulectomy. Surgery club 2016. I created a 1-hour PowerPoint presentation and loaded that into TopHat to give an interactive lecture with polling questions.
- Communication Workshop for CVM OSU 2016. I gave a 50-minute lecture on conflict resolution and was led a small group in the breakout sessions. I met with the other teachers for this course several times to help design the course.
- Wound management. Yearly intern lecture series 2011-2018.
- Interprofessional education and practice. Communication course 2016. I was a moderator several times for a group of 10 students from the health colleges. We discussed medical errors and then applied this information to real cases. I gave feedback on communication techniques.
- Adrenalectomy lecture. Surgery club 2016. I presented a PowerPoint lecture that was interactive about a dog that required an adrenalectomy. We discussed the physiology, anatomy, decision making, and surgery.
- Minimally invasive surgery. OTS teaching rounds 2015. I lead an interactive discussion/ lecture about minimally invasive surgery using PowerPoint, pictures and videos.
- Wounds. Surgery club 2014. Created a 50-minute PowerPoint presentation with videos and picture to demonstrate the benefits of negative pressure wound therapy.
- GDV. Surgery club 2014. Created a 1-hour PowerPoint lecture for the surgery club about GDV. Used pictures and videos to discuss the disease and treatment. I asked the audience questions to make it more interactive.
- Squamous cell carcinoma. Surgery club 2013. I co-created a PowerPoint presentation about the work-up, staging, treatment and follow-up for a dog with squamous cell carcinoma. We provided diagnostic information and pictures from the case.
- Oral tumor. Dental club 2013. This was a lecture to the surgery and dental clubs about oral surgery. It was a 1-hour interactive lecture using clickers about a dog with an oral tumor. We reviewed anatomy, pathophysiology, surgery, and outcome.
- Collaborative Oncology Rounds - Surgical Margins. 2013. I am one of the co-leaders of this forum and function as the liaison for the surgery service. Faculty, residents, interns, and veterinary students attend monthly meetings. I presented a PowerPoint lecture on surgical margins. We also reviewed the literature to provide an in-depth discussion of this topic.
- Collaborative Oncology Rounds -Frontal Sinus Squamous Cell Carcinoma. 2011. I am one of the co-leaders of this forum and function as the liaison for the surgery service. I presented a PowerPoint lecture on the surgical aspects of a clinical case of a dog with squamous cell carcinoma of the frontal sinus. We also reviewed the literature to provide an in-depth discussion of this disease in dogs.
- "The Woes of Having Short Legs and a Long Body; Intervertebral Disc Disease." Presented at Grand Rounds. Champaign, Illinois, United States. (2008). Co-created the PowerPoint presentation and lecture with a radiologist. Presented to faculty, house officers, and students.
- "Wobblers Syndrome." Presented at Current Concepts in Surgery. Champaign, Illinois, United States. (2008). Performed literature search, created a paper and PowerPoint presentation. Presented 1-hour lecture to faculty and residents.
- "Anatomy, Biomechanics, and Diseases of the Shoulder Joint." Presented at Current Concepts in Surgery. Champaign, Illinois, United States. (2007). Performed literature search, created a paper and PowerPoint presentation. Presented 1-hour lecture to faculty and residents.
- "Mandibular Fracture with Inter-dental Splinting and Nutritional Support." Presented at Grand Rounds. Champaign, Illinois, United States. (2005) Co-created PowerPoint presentation and lecture with a veterinary dentist. Presented to faculty, house officers, and students.
- "Perioperative Parathyroid Hormone Monitoring and Assay Validation." Presented at PHI ZETA Research Day. Champaign, Illinois, United States. (2007). Created and presented a 30-minute PowerPoint presentation to faculty, house officers, and students at the annual Phi Zeta Research Day.

- "Tracheal Surgery and Treatment Options for Tracheal Collapse." Presented at Current Concepts in Surgery. Champaign, Illinois, United States. (2007). Performed literature search, created a paper and PowerPoint presentation. Presented 1-hour lecture to faculty and residents.
- "Diagnosis and Treatment of Primary Hyperparathyroidism." Presented at Current Concepts in Surgery. Champaign, Illinois, United States. (2006). Performed literature search, created a paper and PowerPoint presentation. Presented 1-hour lecture to faculty and residents.
- "Implants and Infection in Fracture Fixation." Presented at Current Concepts in Surgery. Champaign, Illinois, United States. (2006). Performed literature search, created a paper and PowerPoint presentation. Presented 1-hour lecture to faculty and residents.
- "Clinical Application of Tobramycin Calcium Sulfate Beads in Six Dogs." Presented at PHI ZETA Research Day. Champaign, Illinois, United States. (2005). Created and presented a 30-minute PowerPoint lecture to faculty, house officers, staff, and students.
- "Insulinoma." Presented at Difficult Case Conference. Champaign, Illinois, United States. (2005). One-hour power point presentation to the faculty, residents, and interns presenting a challenging case, with background information about the topic and discussing possible interventions and therapies for the case.
- "Perioperative Nutrition." Presented at Current Concepts in Surgery. Champaign, Illinois, United States. (2005). Performed literature search, created a paper and PowerPoint presentation. Presented 1-hour lecture to faculty and residents.
- "Extrahepatic Portosystemic Shunts." Presented at Difficult Case Conference. Champaign, Illinois, United States. (2004). One-hour power point presentation to the faculty, residents, and interns presenting a challenging case, with background information about the topic and discussing possible interventions and therapies for the case.

#### ***Grand Rounds/ Seminar Labs:***

- Bandaging wet lab. Emergency and critical care yearly lab 2011-2018. I helped organized the supplies needed for the lab, demonstrated several types of bandages and then instructed students on bandaging applications to live animals.
- Stapling lab. Resident training 2011-2017. My job was to organize the lab by contacting the representatives at Covidien and coordinate laboratory space and cadavers with the lab technicians. I then demonstrated use of the staplers, provided information about the staplers and helped each resident with their use.
- Minimally Invasive Surgery lab. Surgery club 2016. Created a minimally invasive surgery lab using simulators provided by Ethicon. Developed objectives and modules for each station. Coached students at each station.
- Wound evaluation lab. Yearly intern lab 2011-2018. Created a handout to outline course objectives and goals for the lab. Demonstrated wound evaluation and bandaging for open wounds. Observed and provided feedback while students completed lab
- Anal saccullectomy wet lab. Surgery club 2016. I created a handout for students to understand the anatomy, indication and techniques for anal saccullectomy. I helped organized the supplies needed for the lab, demonstrated the surgical techniques, and then instructed students.
- Digit amputation wet lab. Surgery club 2015. I created a handout for students to understand the anatomy, indication and techniques for digit amputation and declaw. I helped organized the supplies needed for the lab, demonstrated the surgical techniques, and then instructed students.
- Thoracic surgery. Surgery club 2012. I supervised a laboratory instructing techniques for thoracotomies. Students' were able to use anatomy to identify the location of a patent ductus arteriosus, perform a lung lobectomy, and use TA staplers. They had a handout to walk them through the steps as I helped with the procedures.
- Wildlife club wet labs 2006-2008. I organized lectures and taught laboratories for triage, and orthopedic and neurologic assessment of patients once a year for the veterinary student members of the wildlife club.

#### **JOURNAL IMPACT FACTOR:**

Journal Name	Year	Rank	Rank Field	Impact Factor	# of Pubs
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VETERINARY SURGERY	2016	37 (of 138)	VETERINAR Y SCIENCES	1.295	2
VETERINARY SURGERY	2015	60 (of 132)	VETERINAR Y SCIENCES	0.989	1
JAVMA-JOURNAL OF THE AMERICAN VETERINARY MEDICAL ASSOCIATION	2014	25 (of 132)	VETERINAR Y SCIENCES	1.672	1
VETERINARY SURGERY	2013	60 (of 132)	VETERINAR Y SCIENCES	0.989	1
JOURNAL OF THE AMERICAN ANIMAL HOSPITAL ASSOCIATION	2010	74 (of 145)	VETERINAR Y SCIENCES	0.711	1
VETERINARY SURGERY	2009	27 (of 142)	VETERINAR Y SCIENCES	1.572	1
JOURNAL OF THE AMERICAN ANIMAL HOSPITAL ASSOCIATION	2008	51 (of 135)	VETERINAR Y SCIENCES	0.968	1

### ARTICLE CITATIONS:

Year	First-authorship citations		Last-authorship citations		Co-authorship citations		Sole-authorship citations		Totals	
	Self-Cited	Not Self-Cited	Self-Cited	Not Self-Cited	Self-Cited	Not Self-Cited	Self-Cited	Not Self-Cited	Self-Cited	Not Self-Cited
2016	0	0	0	0	0	0	0	0	0	0
2015	0	0	0	0	1	0	0	0	1	0
2014	0	0	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	4	0	0	0	4
2010	0	0	0	0	0	1	0	0	0	1
2009	0	9	0	0	0	0	0	0	0	9
2008	0	8	0	0	0	0	0	0	0	8
Totals	0	17	0	0	1	5	0	0	1	22

### RESEARCH FUNDING:

#### ***Funded Research as Principal Investigator or Co-PI:***

- June 2017. Ham K, Hostnik E, Quantification of airflow resistance by computed tomography in brachycephalic breeds before and after nasal turbinate laser ablation. OSU canine funds \$25,000. Co-Principal Investigator.
- Jun 2015 - Jan 2017 Ham K, Hostnik E, "Quantification of airflow resistance by computed tomography in brachycephalic dogs before and after surgery" Ohio State University Canine Funds. \$8,105 (USD). Co-Principal Investigator.
- 01/2005 - 01/2008. Companion Animal Memorial Fund. Companion Animal Memorial Fund. (\$3,881, Total Award) Research Grant. 08/2005. PI: Kathleen Ham. Co-I: Cathy Greenfield, Anne Barger. Explanation of Role: A clinical trial to enroll dogs with primary hyperparathyroidism to undergo PTH monitoring. Recruited dogs over a 2-year period. Collected blood samples perioperatively to measure PTH and then analyzed data for significance.
- 01/2006 - 01/2008. Northern Illinois Veterinary Medical Association Graduate Research Award. Northern Illinois Veterinary Medical Association Graduate Research Award. (\$1,000, Total Award) Research Grant. 08/2005. PI: Kathleen Ham Co-I: Cathy Greenfield, Anne Barger. Explanation of Role: Performed assay validation for a chemiluminescent PTH assay. Goal: Performed assay validation for a chemiluminescent PTH assay. Description: Performed assay validation for a chemiluminescent PTH assay.

#### ***Funded Research as Co- Investigator:***

- 05/2013 - 12/2014. Ohio Third Frontier Grant. Ohio State University. ( \$10,000 , Total Award )

Research Grant. 01/2013. PI: Vish Subramaniam. Explanation of Role: I perform surgery and supply samples to the lab for evaluation. Tissue is evaluated with Eddy currents and then compared to histopathology. Goal: I perform surgery and supply samples to the lab for evaluation. Tissue is evaluated with Eddy currents and then compared to histopathology. Percent Effort: 10. Description: I perform surgery and supply samples to the lab for evaluation. Tissue is evaluated with Eddy currents and then compared to histopathology.

***Proposals for Research Funding that are Pending or were Submitted but not Funded:***

- Date Submitted: 11/2013 - Date Denied: 05/2013. Parathyroid hormone and vitamin D monitoring in dogs undergoing surgery for primary hyperparathyroidism. Ohio State University. Clinical Trial. ( Unfunded ). PI: Ham K, Song J Co-I: Chew D Role: Co-Principal Investigator. Explanation of Role: Study design, completion of IACUC forms. Creation of client surveys. Data collection, data processing, manuscript preparation. Percent Effort: 50. Description: Adviser to graduate student project. Help with study design, data collection, and data analysis. Clinician for clinical cases, contact for clients after surgery. Provided follow-ups.

**RESEARCH PROJECTS/ EXPERIENCE:**

- Cadaveric study evaluating the biomechanical effects of urethral resection and anastomosis. 2018. Manuscript in progress.
- Co-primary investigator of quantification of airflow resistance by computed tomography in English bulldogs before and after nasal turbinate ablation airway surgery. 2017- current. Clinical trial.
- Co-primary investigator of quantification of airflow resistance by computed tomography in English bulldogs before and after airway surgery. 2015-2017. Clinical trial. Abstract submitted to 2017 ACVS Summit. Manuscript in progress.
- Co-primary investigator in utilizing perioperative PTH and vitamin D monitoring for predicting risk factors for the development of hypocalcemia in patients with primary hyperparathyroidism. 2014-2016. Clinical trial. Abstract submitted at ACVS resident's forum. Manuscript in progress.
- Primary investigator in cadaveric study describing laparoscopic technique for artificial urethral sphincter placement in dogs. 2015. Presented at ACVS Summit 2015. Manuscript published.
- Primary investigator in validating a chemiluminescent immunoassay for parathyroid hormone measurement in dogs. 2006-2008. Linearity was evaluated by performing serial dilutions and calculating the correlation coefficient. Precision was evaluated using within run and day to day analysis and compared using coefficient of variance. An intramethod comparison was evaluated. Presented at ACVS Summit 2008. Manuscript published.
- Primary investigator in a prospective case series investigating a chemiluminescent immunoassay for perioperative parathyroid hormone measurement. 2006-2008. Enrolled patients with primary hyperparathyroidism undergoing surgery. Reviewed parathyroid hormone levels from local and systemic sites at various times during surgery. Followed patients out for 6 months with phone conversations, physical examinations, and calcium measurements. Presented at ACVS Summit 2008. Manuscript published.
- Co-investigator in a case series evaluating the treatment of osteomyelitis with antibiotic impregnated calcium sulfate beads. 2004. Six cases of osteomyelitis at the University of Illinois that had been treated with tobramycin impregnated calcium sulfate beads. Reviewed records to evaluate outcomes and whether calcium sulfate beads are an effective method of treating cases of osteomyelitis. Presented at ACVS Summit 2006. Manuscript published.
- Research Laboratory Assistant. Michigan State University, Department of Genetics and Neurobiology. 1998-2000. Studied the effects of integrins on learning and memory in *Drosophila*. Responsibilities included fly husbandry, performing learning and behavioral tests, injecting inducible genes into *Drosophila* embryos, and performing PCR and other laboratory tests. Awarded first prize at a poster presentation for undergraduate students.

**SERVICE:**

***Administrative Service, College level:***

- 2016 – 2018. Council on Professional Education, Clinical Member. Insure a high quality veterinary professional program for students of the college by providing oversight, coordination, and evaluation of the



- veterinary professional program and a mechanism for implementing substantive improvements in the program.
- 2015 – 2016. Professional Education Committee, Chair. As the chair I organize the agenda for meetings, decide with the committee what issues we will attend to and report back to the COE, department chair and Dean of students.
- 2015 – 2018. Faculty Teaching Workload Committee, Member. Worked to create a survey to assess the amount of time that faculty spend teaching. Presented the survey to the faculty. Reviewed the results and created a summary for departments.
- 2015. Veterinary Clinical Sciences Department Chair Search Committee, Member Reviewed applications, met with candidates, discussed interviews with committee.
- 2015-2011. OSU CVM Research Day, Judge. Reviewed graduate posters in the clinical category, listened to presentation, and asked questions. Scored each poster and presentation.
- 2017-2014. Veterinary Student Admissions, Interviewer. Review applications, meet with applicants, score and make recommendations about applicants. This year we also had additional bias training for the interview process.
- 2017-2014. Veterinary Student Admissions, Panelist. Attended a dinner with veterinary school candidates and their families. Served as a panelist to describe the OSU veterinary school and provide an overview of the program.
- 2013 – 2015. Professional Educational Committee, Member. Participate in discussions and decision making.
- 2011. Small Animal Practitioner Advancement Board, Attending Staff. Attended a dinner for alumni and members of the Small Animal Practitioner Advancement Board during the Midwest Veterinary Conference.
- 2011 – 2014. Recruitment Committee, Member. Meet to discuss ideas and plans to recruit student enrollment and student interest.

***Administrative Service, Department level:***

- 2016 – 2018. Mentoring committee for Jaylyn Rhinehart, Chair. The mentoring committee is meant to help new faculty member understand their role in the college, provide help finding resources, help faculty understand promotion process and monitor progress. We meet 3-4 times per year, provide feedback, review promotion documents, perform peer reviews. As chair I will organize meetings.
- 2016 – 2018. Mentoring committee for Stephen Jones, Member. The mentoring committee is meant to help new faculty member understand their role in the college, provide help finding resources, help faculty understand promotion process and monitor progress. We meet 3-4 times per year, provide feedback, review promotion documents, perform peer reviews.
- 2016 – 2018. Mentoring committee for Amy Schkeeper, Member. The mentoring committee is meant to help new faculty member understand their role in the college, provide help finding resources, help faculty understand promotion process and monitor progress. We meet 3-4 times per year, provide feedback, review promotion documents, perform peer reviews.
- 2012 – 2018. Advisory Committee on Information and Instructional Technology, member. This is a committee charged with aligning instructional technology strategies with the college, governance for VIS and Biomedical Media projects, promote improvements in technology in the classroom.
- 2013 – 2017. Intern Selection Committee, Member. Review intern applications and make recommendations for selection process.
- 2016. Internal Medicine Search Committee, Member. Reviewed applicant files, met with applicants, and made recommendations
- 2016. Radiology Search Committee, Member. Reviewed applicant files, met with candidates, and made recommendations
- 2015. Anesthesia search committee, Member. Review applications, meet with applicants, attend seminars, attend meetings to discuss applications and provide feedback for hiring.
- 2014 – 2015. Soft Tissue Surgery Faculty Search Committee, Chair. Organized meeting, contacted applicants, worked with administration to determine the itinerary. Voted on acceptable candidates.
- 2014. Emergency and Critical Care Faculty Search Committee, Member. Met with candidates, reviewed applications. Made recommendations for hire.
- 2012 – 2013. Oncology Faculty Search Committee, Participant. Review applications, meet with applicants, attend seminars, attend meetings to discuss applications and provide feedback for hiring.

- 2011 – 2013. Diagnostic Imaging Faculty Search Committee, Participant. Review applications, meet with applicants, attend seminars, attend meetings to discuss applications and provide feedback for hiring.
- 2011 – 2012. Faculty Search Committees, Evaluator. Attended several meals for faculty searches/visiting candidates and then provided evaluations. Submitted feedback to search committees.

#### ***Administrative Service, Hospital level:***

- 2019 – Current. Hospital safety committee. Review and create recommendations for best practices regarding biosecurity and infection control.
- 2018 – Electronic medical record committee. Select and implement new EMR.
- 2013 – 2018. Infectious Disease Control, Member. This committee is charged with reviewing and updating the Infectious Disease Control Manual, reviewing policies in place and establishing best practice for infection control.
- 2014 – 2017. Electronic Medical Records Committee, Member. I serve as a contributing member, participating in discussions and decisions pertaining to the electronic medical record.

#### ***Journal reviewer:***

- 2019 – Present. Editorial Review Board Vet Surg.
- 2019 – Present. New Zealand Veterinary Journal.
- 2019 – Present. Journal of Clinical Medicine.
- 2019 – Present. Clinician's Brief.
- 2018 – Present. Topics in Companion Animal Medicine.
- 2018 – Present. Veterinary Sciences.
- 2016 – Present. Journal of American Veterinary Medical Association.
- 2016 – Present. Journal of Mechanical Behavior of Biomedical Materials.
- 2015 – Present. Veterinary Surgery.
- 2013 – Present. Journal of Small Animal Practice
- 2013 – Present. Journal of the American Animal Hospital Association.
- 2013 – Present. Veterinary Record.
- 2014 – Present. The Canadian Veterinary Journal.

#### ***Offices Held and Other Service to Professional Societies:***

- 2010 – 2018. Assistant Director Continuing Education, laboratories. Elected Chair. American College of Veterinary Surgeons, Germantown, Maryland, United States. I am the assistant director for the continuing education committee for ACVS. I help in planning the annual meeting each year as well as approve, organize, and supervise all laboratories held at the meeting. We consult with industry, sponsors and other affiliates for outside laboratories. We have 2 meetings per year. We have correspondence weekly with email and quarterly with conference calls.
- 2015 – 2018. Program Director. American College of Veterinary Surgeons, As program director I act as the liaison between ACVS and the residency program at OSU. I provide residents with instructions for starting the residency, help resident advisors meet deadlines, submit program registration. I organize and oversee the resident match program.
- 2014-Present. Active member. Veterinary Interventional and Radiological Endoscopic Society.
- 2012 – Present. Member. Omega Tau Sigma Professional Veterinary Fraternity, Alumni Board Member, Attend board meetings for the OTS chapter.
- 2011 – Present. Active Member. Ohio Veterinary Medical Association
- 2011 – Present. Active Member. Society of Veterinary Soft Tissue Surgery
- 2011 – Present. Active Member. Veterinary Endoscopic Society, Columbus, Ohio, United States
- 2011 – Present. Active Member. Veterinary Society of Surgical Oncology,
- 2009 – Present. Active Member. American College of Veterinary Surgeons, Germantown, Maryland
- 2004 – Present. Member. American Animal Hospital Association, United States
- 2004 – Present. Active Member. American Veterinary Medical Association, United States
- 2003 – 2004. Vice President. American Animal Hospital Association, Student member, Michigan
- 2002 – 2004. Chair. Student class officer, East Lansing, Michigan, Fund-raising chair

- 2000 – 2004. Member. American Veterinary Medical Association, Student member, Michigan
- 2002 – 2003. President. American Animal Hospital Association, Student member, Michigan,
- 2001 – 2002. Secretary. American Animal Hospital Association, Student member, East Lansing, Michigan,
- 2001 – 2002. Member. Pet loss support hotline, East Lansing, Michigan,
- 2000 – 2001. Treasurer. American Animal Hospital Association, Student member, East Lansing,

#### ***Consultation Activity:***

- 2018 - present. Consultation and help with Potter park Zoo patients.
- 2016 – Present. Education, Tigers with hygromas, Columbus Zoo, Columbus, Ohio, United States. Consultation on several tiger cubs with hygromas, koala bear, cheetah.
- 2015 – Present. Industry, Research, Ethicon, Cincinnati, Ohio, United States. Correspondence with emails and conference calls. Traveled to facility several times.
- 2013 – Present. Education, Clinical service, The Wilds, Columbus, Ohio, United States. Travel to the Wilds for consultation on surgical diseases. Also available for phone or email consultations.
- 2012 Education, Small animal surgery locum, University of Illinois College of Veterinary Medicine, Urbana, Illinois, United States. Worked as a faculty member for 2 weeks supervising the small animal soft tissue surgery service. Provided clinical service for clients and patients, clinical teaching for veterinary students and surgical residents.
- 2011 – Present. Legal, Consultant for Technical Advisory Service for Attorneys, Technical Advisory Service for Attorneys.

#### ***Clinical Services:***

- 2018 – Current. Small Animal Soft Tissue Surgery. Attending clinician. Veterinary Medical Center Michigan State University. Description I see out-patient receiving on Monday, Wednesday Friday. We have new appointments, rechecks, suture removals, and bandage changes. We operate elective cases that are scheduled on Tuesday, Thursday and Friday. Daytime emergency cases are added to the schedule. Currently there is 1 STS service, the faculty will oversee the STS service and the emergency service. The emergency service is assigned a resident and will operate the emergency cases after hours (nights and weekends).
- We perform in-house consults daily. Many of our cases require submission of cultures and histopathology which requires additional follow-up with clients to discuss results and plans.
- 2011 – 2018. Small Animal Soft Tissue Surgery. Attending clinician. Veterinary Medical Center Ohio State University. Description: Five day work week. Typically have 2-3 days of receiving with client consultations and 2-3 days of surgery. In-house consultations. Patient care. Student teaching and supervision. Resident and intern training. Provide services such as oncologic surgery, minimally invasive surgery and general soft tissue surgery. Also assist in and perform some interventional procedures.

#### ***Community Service:***

- 2016-2018. Volunteer, Our Oath in Action, Student organization for Oath in Action, Columbus, Ohio, United States. Worked at a local shelter providing routine and preventative care for people with pets in financial need. Provided physical exam, blood tests, vaccinations, heartworm preventative, microchipping and client education. Instructed students to perform same tasks.

### **CONFERENCE PARTICIPATION:**

- 2019. Moderator, ACVS Summit, Las Vegas NV, United States.
- 2018. Moderator, ACVS Summit, Phoenix AZ, United States.
- 2018. Attendee. Courageous conversations – Zimmerman training.
- 2018. Attendee Graduate Medical Education Symposium, OSU Medical Center, Columbus, Ohio.
- 2017. Moderator, ACVS Summit, Indianapolis IN, United States.
- 2017. Attendee, 2017 Graduate Medical Education Symposium, OSU Medical Center, Columbus, Ohio.
- 2017. Attendee, OSU Annual Wound Conference, OSU Medical Center, Columbus, Ohio, United States.
- 2017. Attendee, Top 5 Mobile Apps for Teaching, UCAT OSU, Columbus, Ohio, United States.

- 2017. Attendee, Women in Surgery Symposium, OSU, Columbus, Ohio, United States.
- 2016. Attendee, 2016 ACVS Surgery Summit, ACVS, Seattle, Washington, United States.
- 2016. Attendee, 2016 Veterinary Endoscopic Society Symposium, Veterinary Endoscopic Society, Jackson Hole, Wyoming, United States.
- 2016. Attendee, 2016 Veterinary Society of Surgical Oncologists Symposium, VSSO, Napa, California, United States. Attended 3-day symposium on surgical oncology. Participated in consensus.
- 2016. Attendee, Academic Dishonesty James Lang, Veterinary Clinical Sciences, Columbus, Ohio.
- 2016. Attendee, Commercialization, OSU Technology and Commercialization Office, Columbus, Ohio.
- 2016. Attendee, Nutramaxx Supplements, Nutramaxx, Columbus, Ohio, United States.
- 2016. Attendee, Teaching and Assessment by India Lane, Office of Teaching and Learning, Columbus, Ohio, United States. Attended lecture and then met with India Lane over dinner to discuss medical education.
- 2016. Attendee, Small Teaching in the Classroom James Lang, Veterinary Clinical Sciences, Columbus, Ohio.
- 2016. Attendee, there is No I in Team, Zoetis Webinar, Columbus, Ohio, United States.
- 2016. Attendee, your career on a continuum: Building the skill set for your lifelong journey, Office of Equity and Inclusion-Gender Initiative Symposium, Columbus, Ohio, United States. Attended a lecture on the effect of gender and advancement.
- 2016. Attendee, Zoonotic disease by Scott Weese, Veterinary Preventative Medicine, Columbus, Ohio.
- 2016. Moderator, 2016 ACVS Surgery Summit, ACVS, Seattle, Washington, United States. Key Achievement: Seminar chair for hepatobiliary session. Selected lecture topics and invited surgeons to speak in the seminar. Worked with ACVS office and speakers to coordinate speaker notes and copyright information. Moderated the seminar, introduced speaker, facilitated discussions and questions. Worked with IT as needed.
- 2016. Attendee, Teaching and Learning Book Club, Veterinary Clinical Sciences, Columbus, Ohio, United States. Attended a book club through the Office of Teaching and Learning discussing the book How Learning Works.
- 2015. Moderator, 2015 ACVS Surgery Summit, ACVS, Nashville, Tennessee, United States. Seminar chair for endocrine surgery. Selected lecture topics and invited surgeons to speak in the seminar. Worked with ACVS office and speakers to coordinate speaker notes and copyright information. Moderated the seminar, introduced speaker, facilitated discussions and questions. Worked with IT as needed.
- 2015. Attendee, 2015 Spring Medical Education Symposium, Ohio State University Medical Center, Columbus, Ohio, United States. Attendance for CE on medical education.
- 2015. Attendee, 2015 ACVS Summit, ACVS, Nashville, Tennessee, United States.
- 2014. Attendee, 2014 ACVS Symposium, ACVS, San Diego, California, United States.
- 2014. Attendee, 2014 OSU Medical Education Symposium, Ohio State University Medical Center, Columbus, Ohio, United States.
- 2014. Moderator, 2014 ACVS Symposium, ACVS, San Diego, California, United States. Key Achievement: Seminar chair for abdominal surgery. Selected lecture topics and invited surgeons to speak in the seminar. Worked with ACVS office and speakers to coordinate speaker notes and copyright information. Moderated the seminar, introduced speaker, facilitated discussions and questions. Worked with IT as needed.
- 2014. Attendee, Strengths Finder, OSU Strengths Finders, Columbus, Ohio, United States.
- 2013. Attendee, 2013 ACVS Symposium, ACVS, San Antonio, Texas, United States.
- 2013. Attendee, 2013 Teaching Symposium, UCAT and the College of Medicine, Columbus, Ohio, United States. This was a 1-day symposium on education and teaching in the medical profession.
- 2013. Moderator, 2013 ACVS Symposium, ACVS, San Antonio, Texas, United States. Session chair for wounds and reconstruction. Selected lecture topics and invited surgeons to speak in the seminar. Worked with ACVS office and speakers to coordinate speaker notes and copyright information. Moderated the seminar, introduced speaker, facilitated discussions and questions. Worked with IT as needed.
- 2013. Attendee, UCAT Course and Curriculum Design, Columbus, Ohio, United States. This was a 15-hour course about curriculum design. Classes included lecture, group and individual activities, and homework.
- 2013. Attendee, Zoetis Pain Symposium, Zoetis, Atlanta, Georgia, United States. Attended a 3-day symposium on pain management in dogs and cats. Toured the Ethicon suture plant.
- 2013. Attendee, Designing Assignments, Columbus, Ohio, United States. Attended a 3-hour lecture on designing assignments.
- 2012. Attendee, 2012 Translational to Clinical Regenerative Medicine Wound Care Conference, Center for

Regenerative Medicine and Cell Based Therapies, Columbus, Ohio, United States. Attended a 3-day conference at the OSU Medical Center for wound care.

- 2012. Attendee, Acrobat Pro, Digital Union, Columbus, United States. Attended a 1-hour course designed to review the use and applications of Acrobat Pro.
- 2012. Attendee, Bayer Animal Health Communication Project, Athens, Georgia, United States. Attended a 2-day session covering 2 new topics to be included in the Bayer Animal Health Communication Project.
- 2012. Attendee, Bayer Animal Health Communication Project, New Haven, Connecticut, United States. Attended a 5-day interactive course designed to teach veterinary professionals the skills of communication. The session also focuses on acquiring the skills to then teach others.
- 2012. Attendee, FERPA - Protecting You and Your Students, Veterinary Clinical Sciences, Columbus, Ohio.
- 2012. Attendee, Grant writing, Digital Union, Columbus, Ohio, United States. Key Achievement: Attended 2-hour lecture about grant opportunities.
- 2012. Attendee, Improve and Optimize PowerPoint Presentations, Digital Union, Columbus, Ohio.
- 2012. Attendee, Teaching with the iPad, Digital Union, Columbus, Ohio, United States. Attended 1-hour course about teaching opportunities with the iPad. Focusing on technologies in teaching.
- 2012. Attendee, Tools of the Trade, Center for Clinical Translational Sciences, Columbus, Ohio, United States. One day event to provide new investigators with tools and resources needed to get their research up and running.
- 2012. Attendee, what is Important About Copyright, Veterinary Clinical Sciences, Columbus, Ohio.
- 2012. Attendee, Mentorship Training, Center for Clinical Translational Science, Columbus, Ohio, United States. Attended weekly interactive meetings to help new faculty with mentorship.
- 2012. Attendee, iTunes U, Digital Union, Columbus, Ohio, United States. Enrolled to create an iTunes U course. Provided instruction about iTunes.
- 2011. Attendee, 2011 ACVS Symposium, ACVS, Chicago, Illinois, United States.
- 2011. Attendee, 2011 Education Symposium, Center for Education and Scholarship, Columbus, Ohio,
- 2011. Attendee, Academic Freedom and Responsibility, Veterinary Clinical Sciences, Columbus, Ohio.
- 2011. Attendee, Assessment of Clinical Competence, Veterinary Clinical Sciences, Columbus, Ohio.
- 2011. Attendee, Carmen Training, The Ohio State University, Columbus, Ohio, United States.
- 2011. Attendee, Perceptions of Recent Veterinary Graduates, Veterinary Clinical Sciences, Columbus, Ohio.
- 2011. Attendee, Teaching Clinical Reasoning, Veterinary Clinical Sciences, Columbus, Ohio, United States.
- 2011. Attendee, Work Life Balance, The Ohio State University, Columbus, Ohio, United States.
- 2010. Moderator, 2010 ACVS Surgery Symposium, ACVS, Seattle, Washington, United States. Seminar chair for endocrine session. Selected lecture topics and invited surgeons to speak in the seminar. Worked with ACVS office and speakers to coordinate speaker notes and copyright information. Moderated the seminar, introduced speaker, facilitated discussions and questions. Worked with IT as needed.
- 2010. Attendee, 2010 ACVS Symposium, ACVS, Seattle, Washington, United States.
- 2009. Attendee, 2009 ACVS Symposium, ACVS, Washington DC, Ohio, United States.
- 2009. Attendee, FRANK Communication Workshop, FRANK, Denver, Colorado, United States.
- 2008. Attendee, TTA Course, Kyon, Chicago, Illinois, United States.
- 2007. Attendee, 2007 ACVS Symposium, ACVS, Chicago, Illinois, United States.
- 2007. Attendee, AO Principles of Internal Fixation, AO, Columbus, Ohio, United States.
- 2005. Attendee, 2005 ACVS Symposium, ACVS, San Diego, California, United States.
- 2005. Attendee, External Skeletal Fixation Course, Iowa State University, Ames, Iowa, United States.
- 2004. Attendee, 2004 Michigan Veterinary Conference, MVMA, East Lansing, Michigan, United States.
- 2004. Attendee, 2004 ACVS Symposium, ACVS, Denver, Colorado, United States.
- 2003. Attendee, 2003 Michigan Veterinary Conference, MVMA, East Lansing, Michigan, United States.
- 2002. Attendee, 2002 AVMA Symposium, Student Chapter of the American Veterinary Medical Association, Fort Collins, Colorado, United States.
- 2002. Attendee, 2002 Michigan Veterinary Conference, MVMA, East Lansing, Michigan, United States.
- 2001. Attendee, From School to Success, East Lansing, Michigan, United States.
- 2001. Attendee, 2001 AVMA Annual Meeting, AVMA, Boston, Massachusetts, United States.
- 2001. Attendee, 2001 AVMA Symposium, Student Chapter of the American. Veterinary Medical Association, Ames, Iowa, United States.

- 2001. Attendee, 2001 Michigan Veterinary Conference, MVMA, East Lansing, Michigan, United States.

## REFERENCES

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