

Joanne Hewson, DVM, PhD, DACVIM (Large Animal)
LIFETIME CURRICULUM VITAE
(abbreviated)

EDUCATION AND DEGREES

Doctor of Philosophy, October 2004

Ontario Veterinary College, University of Guelph, Canada.

Thesis: Effect of Antibiotics and Steroids on Feedlot Performance and Lung Phagocyte Function in Mannheimia haemolytica-infected cattle.

Board Certification, Diplomate, Large Animal Internal Medicine, July 2001

American College of Veterinary Internal Medicine

Doctor of Veterinary Medicine, June 1996

Ontario Veterinary College, University of Guelph, Canada

EMPLOYMENT HISTORY

ACADEMIC WORK EXPERIENCE AT THE UNIVERSITY OF GUELPH

Nov. 2024 - Feb. 2025: **Acting Dean**

Ontario Veterinary College, University of Guelph, Canada

Oct. 2018 - present: **Associate Dean, Students & Academic**

Ontario Veterinary College, University of Guelph, Canada

Jul. 2012 - present: **Associate Professor**

Department of Clinical Studies, Ontario Veterinary College, University of Guelph, Canada

Aug. 2003 - Jun. 2012: **Assistant Professor**

Department of Clinical Studies, Ontario Veterinary College, University of Guelph, Canada,
Tenure granted July 2012

NON-ACADEMIC WORK EXPERIENCE

Jan. 2004 - Oct. 2018: **Service Chief - Large Animal Medicine**

Ontario Veterinary College, University of Guelph, Canada

Jan. 2001 - Jan. 2003: **Emergency Duty**

Large Animal Internal Medicine Service (Part-time)

Ontario Veterinary College, University of Guelph, Canada

Aug. 1998 - Jan. 2000: **Residency**

Large Animal Internal Medicine

Ontario Veterinary College, University of Guelph, Canada

Jan. 1998 - Aug. 1998: **Research Assistant**

Firestone Equine Respiratory Research Laboratory (Supervisor: Dr. Laurent Viel)

Ontario Veterinary College, University of Guelph, Canada

Jul. 1997 - Dec. 1997: **Staff Veterinarian**

Large Animal Internal Medicine

Atlantic Veterinary College, University of Prince Edward Island, Canada

Jul. 1996 - Jun. 1997: **Rotating Internship**

Large Animal Medicine, Surgery, and Theriogenology

Atlantic Veterinary College, University of Prince Edward Island, Canada

EXECUTIVE LEADERSHIP IN HIGHER EDUCATION PROFESSIONAL DEVELOPMENT

Executive Coaching (August 2024 – October 2025)

Evelina Rog, EJR Leadership Development Inc.

The Recovery Project (February 2025 – November 2025)

HESA (Higher Education Strategy Associates)

“Navigating Uncertainty Under Trump” Webinar Series (March 2025 – present)

The Chronicle

Academic Affairs Committee (October 2018 – present)

AAVMC (American Association of Veterinary Medical Colleges)

Leadership Training (October 2021 – March 2022)

Verity Consulting (The Niagara Institute)

SCHOLARLY HONOURS AND AWARDS

K. M. Bhatnagar Memorial Humanitarian Award (Jan. 2012)

Ontario Veterinary College, University of Guelph, Canada

TEACHING

ASSIGNED TEACHING

“Steady state” teaching load for the past decade has generally included the following teaching responsibilities:

- Course lead coordinator (3 two-semester undergraduate DVM courses per year)
- Rotation coordinator (2-3 Phase 4 DVM rotations per year)
- an average of 12 lecture hours per year across several courses
- an average of 140 lab hours/OSCEs per year across several courses
- an average of 42 wet lab/seminar session hours per year for Phase 4 rotations

Undergraduate Course Coordinator and Instructor:

Courses Coordinated and taught in annually up to September 2024 included:

VETM*3430 Clinical Medicine I (Co-coordinator: 2003 – 2024): This is a two-semester course (Fall, Winter) in the first year of the DVM Program.

VETM*3440 Clinical Medicine II (Co-coordinator: 2015 – 2024): This is a two-semester course (Fall, Winter) in the second year of the DVM Program.

VETM*4870 Clinical Medicine III (Co-coordinator: 2016 – 2024): This is a two-semester course (Fall, Winter) in the third year of the DVM Program.

VETM*4460 Food Animal Medicine & Surgery (Co-coordinator: 2006 to 2015): This is a two-semester course (Fall, Winter) in the third year of the DVM Program.

Undergraduate Rotation Coordinator and Instructor:

Phase 4 Rotation: Resilience and Well-being in Veterinary Careers Elective (Coordinator: 2022 – present): This 1-week elective rotation in the final clinical year (Phase 4) of the DVM Program is offered 3-4 times per year.

Phase 4 Rotation - Equine Primary Care Elective (Coordinator: 2010 – 2024): This 1-week stream-priority rotation in the final clinical year (Phase 4) of the DVM Program is offered three times per year.

Phase 4 Rotation: Public Veterinary Medicine Rotation Elective (Coordinator: 2018 – 2024): This 1-week elective rotation in the final clinical year (Phase 4) of the DVM Program is offered 1-2 times per year, and is taught by external partners (CFIA and OMAFA).

Graduate Course Coordinator and Instructor:

CLIN*6570 Large Animal Internal Medicine I (Coordinator: 2010 – 2017): This 0.5 credit graduate course is delivered once every three years in a cycle within a 3-course series on Large Animal Internal Medicine for graduate students, residents and interns.

CLIN*6580 Large Animal Internal Medicine II (Coordinator: 2008 – 2015): This 0.5 credit graduate course is delivered once every three years in a cycle within a 3-course series on Large Animal Internal Medicine for graduate students, residents and interns.

CLIN*6590 Large Animal Internal Medicine III (Coordinator: 2009 – 2016): This 0.5 credit graduate course is delivered once every three years in a cycle within a 3-course series on Large Animal Internal Medicine for graduate students, residents and interns.

CLIN*6950 Special Topics in Clinical Studies – Professional Skills (Coordinator: 2010 – 2011): Communications training using the Bayer Institute for Healthcare Communication modules over multiple years in the context of Professional Skills (formal course) and/or Intern Orientation (informal course) offerings.

CURRICULAR DEVELOPMENT

2022 – 2023: Curricular/Course Redesign, Art of Veterinary Medicine DVM Course Series (Undergraduate), OVC Deans Office, University of Guelph, Canada
Facilitation and contribution to redesign and realignment of the VETM*3210/3220/4220 three-course series in the DVM Program.

2014 – 2018: Curricular/Course Redesign, Clinical Medicine DVM Course Series (Undergraduate), Department of Clinical Studies, University of Guelph, Canada
Facilitation and lead for redesign and realignment of the VETM*3430/3440/4870 three-course series in the DVM Program.

2016: Course Design, Equine Emergency & Critical Care for Veterinary Technicians, Open Learning and Educational Support, University of Guelph, Canada
Course development in collaboration with Elise Wicket and Amy Richardson of the OVC-HSC to be delivered to students registered in the Equine Veterinary Technician Certificate program of Open Learning and Educational Support. It was offered in the Spring 2016 semester after full development but was not ultimately delivered due to under-registration.

2014 – 2016: Curriculum Development/Assessment Design, DVM Program Learning Outcomes and Universal Assessment Rubric (Undergraduate), OVC Deans Office, University of Guelph, Canada, Co-developer: Dale Lackeyram
Leadership role to champion the development and implementation of the DVM Program Universal Assessment Rubric, a competency-based approach to measuring program-level learning outcomes across all internal and external clinical year rotations, the practicum, and mapping these rubric assessment points across the pre-clinical phases of the curriculum.

PROFESSIONAL DEVELOPMENT IN TEACHING

Jan. 2014 - Jan. 2015: EnLITE (Educational Leadership in Teaching Excellence) I: Enhancing Academic Practice in the Disciplines. Open Learning and Educational Support, University of Guelph, Canada

This course is accredited by SEDA (Staff and Educational Development Association, England) and was offered through the Educational Development Unit of the Office of Open Learning and Educational Support.

Jan. 2014 - Jan. 2015: EnLITE (Educational Leadership in Teaching Excellence) II: Enhancing Research Practice. Open Learning and Educational Support, University of Guelph, Canada

This course is accredited by SEDA (Staff and Educational Development Association, England) and was offered through the Educational Development Unit of the Office of Open Learning and Educational Support.

Jan. 2014 - Dec. 2014: AMEE-ESME (Essential Skills in Medical Education) Online Course. Association for Medical Education in Europe.

The AMEE (Association for Medical Education in Europe) Essential Skills in Medical Education (ESME) course was designed for academic healthcare professionals to have training in teaching. This online course over a 12-week period provided an update on current best practices and a greater understanding of the basic principles of teaching. The ESME certificate in Medical Education awarded on completion of the course is recognized for credits with a number of Master's courses in medical education.

May 2009: Bayer Animal Health/Institute for Healthcare Communications: Faculty Development Workshop, Calgary, Alberta, Canada.

Sep. 2006 - Dec. 2006: Introduction to Teaching in Higher Education Online Course. Institute for the Advancement of Teaching in Higher Education.

OTHER TEACHING-RELATED ACTIVITIES

Sept 2024: Gathering on Decolonization and Indigenization of the Veterinary Medical Curriculum, University of Guelph, Canada

Participant in this 1-day gathering of faculty, staff and students from the University of Guelph and Lakehead University in partnership with Indigenous community members and Elders.

Jan. 2016 - Jan. 2017: EnLITE/Inspire, Community of Practice (Peer Mentor), University of Guelph, Canada

The EnLITE Community of Practice (COP) is a group of faculty across the University of Guelph that participated in the EnLITE training courses, plus members from the Office of Open Learning and Educational Support. The EnLITE COP group is engaged in advancing teaching and learning pedagogy. From this group, the Inspire Program was born: INSPIRE is teaching and learning peer mentorship program designed to match instructors looking to gain knowledge/skills in an area of interest with those who are knowledgeable/skilled in that area.

May 2016: Course Re-Design Institute (CRDI), Course Redesign VETM*3440 Clinical Medicine II. University of Guelph, Canada

This 4-day institute with both instructional pieces related to teaching and learning, plus time dedicated to individual course redesign with assistance from multiple experts from the Office of Open Learning and Educational Support at the University of Guelph.

Nov. 2015: Alpaca Ontario Producer Continuing Education Event, University of Guelph, Canada. Organization, implementation and delivery of a 2-day CE event for alpaca producers on camelid medicine in collaboration with Dr. Gregg Adams (University of Saskatchewan).

May 2015: Course Re-Design Institute (CRDI), Course Redesign VETM*3430 Clinical Medicine I. University of Guelph, Canada

This 4-day workshop with both instructional pieces related to teaching and learning, plus time dedicated to individual course redesign with assistance from multiple experts from the Office of Open Learning and Educational Support at the University of Guelph.

2015: Workshop for Instructors Measuring Program Effectiveness: Program Learning Outcomes and Rubrics, University of Guelph, Canada.

Invited instructor for this Teaching & Learning Technology OpenEd Workshop.

2010 - 2015: Intern Orientation Training, Instructor. University of Guelph, Canada

Annual teaching within the Intern Communications Training Series in collaboration with other faculty trained through the Bayer Institute for Healthcare Communication training.

2013: Community of Teachers "INVEST 2012: Making the most of veterinary clinical skills and simulation", University of Guelph, Canada.

Invited speaker to present reflections from the INVEST 2012 conference: "Making the most of veterinary clinical skills and simulation".

Oct. 2012: Communications Coaching Training Workshop Instructor. University of Guelph, Canada

Instructor/facilitator (with Drs. J. Coe and M. Meehan) for a one-day workshop to train coaches for simulated client interactions as part of the communications training of the Art of Veterinary Medicine course series.

Feb. 2010: Continuing Education Event: Camelids, Organizer and Instructor. University of Guelph, Canada.

Organized and co-taught this seminar series for fellow clinicians, residents, interns and hospital staff with guest Dr. Chris Cebra.

Sep. 2010: Communications Peer Coach, Hill's Pet Nutrition Primary Healthcare Symposium: Communications Training, University of Guelph, Canada.

Peer coach for half-day communications training to private veterinary practitioners using simulated client interactions.

June, 2009: Community of Teachers "Review of the Bayer Animal Health/Institute for Healthcare Communications Faculty Development Workshop" University of Guelph, Canada.

Invited speaker to present reflections from the Bayer Animal Health communications training workshop, co-presenter with Dr. JP Woods.

March, 2007: Community of Teachers “Review of the Institute for the Advancement of Teaching in Higher Education Course: Introduction to Teaching in Higher Education”, University of Guelph, Canada.

Invited speaker to present reflections of the IATHE course, co-presenter with Dr. S. Nykamp.

Sep. 2002: Professional Workshop, Organizer and instructor. University of Guelph, Canada. Organizer and co-instructor with Dr. L. Viel for a one-day “Endoscopy and Bronchoalveolar Lavage Practitioners' Workshop” hosted for local equine practitioners and sponsored by Boehringer Ingelheim (Canada) Ltd.

Sep. 2001: Guest Lecturer, Equine Science Certificate Program Instructor. Office of Open Learning, University of Guelph, Canada.

Guest Lecturer for one week: Equine respiratory disease (with Dr. L. Viel) in this certificate program for horse owners.

GRADUATE STUDENT SUPERVISION

Supervised/co-supervised or served on the advisory committees for 20 graduate students at all levels of advanced degrees, as well as participated as an examiner on multiple qualifying examinations and thesis defence committees.

Principal Supervisor: Doctorate Equivalent

Sep. 2016 - Sep. 2021
DENNIS, DUSTIN, DVSc (Clinical Studies)
Status: Completed

Co-Supervisor: Doctorate Equivalent

Sep. 2016 - May 2019
JENSEN, MONICA, DVSc (Clinical Studies)
Status: Completed
Co - Advisor with Dr. Heather Chalmers

Jan. 2006 - Aug. 2010
WHITEHEAD, ASHLEY, DVSc (Clinical Studies)
Status: Completed
Co - Advisor with Dr. John Prescott

Co-Supervisor: Master's Thesis

Sep. 2003 - Apr. 2006
DIAZ-MENDEZ, ANDRES, MSc (Clinical Studies)
Status: Completed
Co-Advisor with Dr. L. Viel

Committee Member: Doctorate

Sep. 2015 - Sep. 2020
COOPER, CARINA, PhD (Pathobiology)
Status: Completed

Sep. 2014 - May 2020
BASSEL, LAURA, PhD (Pathobiology)
Status: Completed

May. 2013 - Dec. 2016
KHAN, FIRDOUS, DVSc (Population Medicine)
Status: Completed

Sep. 2011 - Jun. 2015
BEST, COLLEEN, PhD (Population Medicine)
Status: Completed

Sep. 2011 - May 2014
OLLIVETT, THERESA, PhD (Population Medicine)
Status: Completed

Jun. 2009 - Aug. 2013
SENTHILKUMARAN, CHANDRIKA, PhD (Pathobiology)
Status: Completed

May 2006 - Apr. 2012
DIAZ-MENDEZ, ANDRES, PhD (Pathobiology)
Status: Completed

May 2003 - Dec. 2008
GORDON MITCHELL, PhD (Pathobiology)
Status: Completed

Committee Member: Doctorate Equivalent

Sep. 2015 - Aug. 2019
CAISSIE, MICHELLE, DVSc (Population Medicine)
Status: Completed

Committee Member: Master's Thesis

Sep. 2017 - Aug. 2019
DHINSA, TAVLEEN, MSc (Population Medicine)
Status: Completed

Sep. 2016 - Dec. 2018
VULIKH, KSENIA, MSc (Pathobiology)
Status: Completed

Jan. 2003 - Aug. 2007
FURNESS, MARY CATHERINE, MSc (Clinical Studies)
Status: Completed

Committee Member: Master's Non-Thesis

Sep. 2019 - Aug. 2021
CRANDALL, KIRSTEN, MSc-L (Population Medicine)
Status: Completed

Sep. 2015 - Apr. 2016
GOETZ, MONIKA, MSc-L (Population Medicine)
Status: Completed

GRADUATE EXAMINATION ACTIVITIES - EXAMINER

Aug. 2023: Dr. Rosalie Fortin-Trahan
DVSc Qualifying Examination Committee Member - Department of Clinical Studies.

Jan. 2021: Dr. Luiza Stachewski Zakia
DVSc Qualifying Examination Committee Member - Department of Clinical Studies.

Jul. 2020: Ksenia Vulikh
PhD Qualifying Examination Committee Member - Department of Pathobiology.

Jun. 2015: Dr. Colleen Best
PhD Thesis Defence Examination Committee Member - Department of Population Medicine.

Jun. 2015: Dr. Goncalo Silva
DVSc Qualifying Examination Committee Member - Department of Clinical Studies.

Aug. 2013: Dr. Kim Hsu
MSc Thesis Defence Examination Committee Member - Department of Clinical Studies.

May 2013: Karlyn Bland
DVSc Qualifying Examination Committee Member - Department of Pathobiology.

Aug. 2010: Dr. Ashley Whitehead.
DVSc Thesis Defence Examination Committee Member - Department of Clinical Studies.

Jun. 2007: Dr. Carlos Medina
DVSc Qualifying Examination Committee Member - Department of Clinical Studies.

May 2007: Dr. Luis Rubio-Martinez
DVSc Qualifying Examination Committee Member - Department of Clinical Studies.

Jan 2006: Dr. Joe Bracamonte
DVSc Qualifying Examination Committee Member - Department of Clinical Studies.

Jan. 2004: Dr. S. Youssef

DVSc Thesis Defence Examination Committee Member - Department of Pathobiology.

RESIDENCY ADVISOR

Aug. 2011 - Apr. 2014: ACVIM Residency Training Advisor of Dr. Roland Schubotz (included completion of a research project).

RESEARCH AND SCHOLARSHIP

RESEARCH FUNDING (AWARDED)

Title & Role	Source & Type	Amount	Dates
Title: Student Wellness Corner at OVC Role: Collaborator	Organization: OVC Student Equipment Fund Funding Type: Grant	Funding Total: \$1,627 CAD	Funding Dates: Jan. 2016 - Jan. 2017
Title: Investigating the impacts of veterinarian depression, anxiety, burnout, compassion fatigue, and resilience on the human-animal bond, and client and patient care in Ontario Role: Co-investigator	Organization: Ontario Veterinary College Pet Trust Funding Type: Grant	Funding Total: \$8,167 CAD	Funding Dates: Jan. 2016 - Dec. 2016
Title: Veterinarian and veterinary student wellness in Canada Role: Co-investigator	Organization: Zoetis Canada Funding Type: Grant		Funding Dates: Sep. 2015 - Aug. 2018
Title: Referring veterinarians' expectations of equine veterinary specialists and equine referral care centers (PI: J. Coe) Role: Co-investigator	Organization: American Veterinary Medical Association PLIT Funding Type: Grant		Funding Dates: Jul. 2012

Title & Role	Source & Type	Amount	Dates
Title: Exhaled breath condensate in the diagnosis of BRD Role: Principal Investigator	Organization: OMAFRA - Production Systems (Tier II) Funding Type: Grant	Funding Total: \$3,226 CAD	Funding Dates: Jan. 2012 - Dec. 2012
Title: Understanding early-life growth, and the diagnosis and long-term impacts of respiratory disease, on health, performance, and survival of dairy calves (PI: K. Leslie) Role: Co-investigator	Organization: GOV-OMAFRA Funding Type: Grant		Funding Dates: Sep. 2011 - Sep. 2014
Title: Exhaled breath condensate in the diagnosis of BRD Role: Principal Investigator	Organization: Ontario Cattlemen's Association / Farm Innovation Program Funding Type: Grant	Funding Total: \$42,701 CAD	Funding Dates: Sep. 2010 - Sep. 2011
Title: Oral vaccination of foals using a mutant strain of Rhodococcus equi 103 Role: Co-PI with J. Prescott	Funding Type: Grant	Funding Total: \$23,000 CAD	Funding Dates: Sep. 2007 - Sep. 2009
Title: Blood neutrophil and pulmonary leukocyte function in horses with heaves and the effect of inhaled fluticasone propionate therapy. Role: Principal Investigator	Organization: OMAF – Equine / Equine Guelph Funding Type: Grant	Funding Total: \$26,680 CAD	Funding Dates: Sep. 2006 - Sep. 2007
Title: Comparison of continuous infusion with intermittent bolusing of cefotaxime in neonatal foals. Role: Principal Investigator	Organization: OMAF – Equine / Equine Guelph Funding Type: Grant	Funding Total: \$12,200 CAD	Funding Dates: Sep. 2006 - Sep. 2007

Title: Comparison of continuous infusion with intermittent bolusing of cefotaxime in neonatal foals. Role: Principal Investigator	Organization: OMAF – Equine / Equine Guelph Funding Type: Grant	Funding Total: \$11,000 CAD	Funding Dates: Sep. 2005 - Sep. 2006
Title: Blood neutrophil and pulmonary leukocyte function in horses with heaves and the effect of inhaled fluticasone propionate therapy. Role: Principal Investigator	Organization: OMAF – Equine / Equine Guelph Funding Type: Grant	Funding Total: \$25,026 CAD	Funding Dates: Sep. 2004 - Sep. 2005
Title: Surveillance of equine influenza virus prevalence and antigenic drift in young performance horses in Ontario Role: Co-PI with L. Viel	Organization: OMAF – Equine / Boehringer Ingelheim Funding Type: Grant	Funding Total: \$58,000 CAD	Funding Dates: Sep. 2003 - Sep. 2006

Lifetime Funding Summary

Total amount of funding received..... \$211,627 CAD
As Principal Investigator..... \$120,833 CAD

RESEARCH FUNDING (NOT FUNDED)

Title & Role	Source & Type	Dates
Title: Food Informatics Proposal to FedDev Ontario, Government of Canada: November 2015: Adaptation of non-invasive technologies for remote Big Data capture and analysis for early detection of disease to improve cattle production. Role: Co-applicant	Organization: FedDev Investing in Commercialization Partnerships (ICP) Funding Type: Grant	Funding Dates: Sep. 2015

Title: Referring veterinarians' expectations of small animal veterinary specialists and small animal referral centers, and small animal veterinary specialists' perceptions of referring veterinarians Role: Principal Investigator	Organization American Veterinary Medical Association PLIT Funding Type: Grant:	Funding Dates Sep. 2014:
Title: Impact of pergolide treatment on performance-related measures in horses with Pituitary Pars Intermedia Dysfunction (PPID) and healthy horses Role: Principal Investigator	Organization: GOV - EQUINE GUELPH Funding Type: Grant	Funding Dates: Jan. 2014
Title: Precision agriculture to improve detection of Bovine Respiratory Disease (BRD) in feedlot cattle Role: Principal Investigator	Organization: GOV-OMAFRA Funding Type: Grant	Funding Dates: Sep. 2013
Title: Evaluation of efficacy for treating C3 ulcers with Traditional Chinese Veterinary Medicine (TCVM) and the development of a TCVM diagnostic tool for the early detection of C3 ulcers (PI: C. Mosley) Role: Co-Investigator	Organization: Alpaca Research Foundation Funding Type: Grant	Funding Dates: Sep. 2013
Title: Survey of clients' satisfaction with equine veterinarians (PI: J. Coe) Role: Co-Investigator	Organization: GOV-EQUINE GUELPH Funding Type: Grant	Funding Dates: Sep. 2012
Title: Biomarkers of susceptibility to pneumonia in beef cattle (PI: J. Caswell) Role: Co-Investigator	Organization GOV-OMAFRA Funding Type: Grant	Funding Dates: Sep. 2012 - Sep. 2102

Title: A study of clients' expectations of equine veterinarians across three industry sectors: Racing, performance and backyard horses. (PI: J. Coe)	Organization: Waltham-Buckeye Equine Grant Application	Request Date: Jan. 2012
Role: Co-Investigator	Funding Type: Grant	
Title: Referring veterinarians' expectations of equine veterinary specialists and equine referral care centers (PI: J. Coe)	Organization: GOV-MORRIS ANIMAL FOUNDATION	Request Date: Jan. 2012
Role: Co-Investigator:	Funding Type: Grant	
Title: A study of clients' expectations of equine veterinarians across three industry sectors: Racing, performance and backyard horses. (PI: J. Coe)	Organization: GOV-EQUINE GUELPH	Request Date: Jan. 2011
Role: Co-Investigator	Funding Type: Grant	
Title: Surveillance and evaluation of risk factors for equine respiratory diseases (PI: K. Merckies)	Organization: GOV-OMAFRA	Request Date: Jan. 2011
Role: Co-Investigator	Funding Type: Grant	
Title: Investigation of thromboelastography and platelet mapping in horses with colitis before and following plasma transfusion (Co-PI with S. Blois)	Organization: GOV-EQUINE GUELPH	Request Date: Sep. 2010
Role: Co-Principal Investigator	Funding Type: Grant	
Title: Impact of anesthesia on the pregnant mare and fetus (PI: T. Chenier and M. Sinclair)	Organization: Equine Guelph	Request Date: Jan. 2010
Role: Co-Investigator	Funding Type: Grant	
Title: Pharmacokinetics of pergolide mesylate in the horse following intravenous and oral administration (Co-PI with R. Johnson)	Organization: GOV-EQUINE GUELPH	Request Date: Sep. 2009
Role: Co-Principal Investigator	Funding Type: Grant	

PUBLICATIONS

Refereed Publications

Journal Articles

1. Martow JH, Thornton EM, Conlon P, Jones AQ, Lyons S, Khosa D, Hewson J, Roche S, Wright C, & Lumley MN. (2025). Time to act: Mental health and desired university supports among graduate students. *Higher Education Research & Development*, 44(3), 644-658. <https://doi.org/10.1080/07294360.2024.2410271>
2. Crandall KA, Khosa D, Conlon P, Hewson J, Lackeyram D, O'Sullivan T & Reniers J. (2023). Investigating the Relationship between Multiple Mini-Interview Communication Skills Outcomes and First-Year Communication Skills Performance and Reflections in Students at the Ontario Veterinary College. *Journal of Veterinary Medical Education*, 50(3), 370-378. <https://utppublishing.com/doi/full/10.3138/jvme-2021-0152>
3. Bassel LL, Kaufman EI, Alsop SA, Sergejewich L, Vulikh K, Stinson KJ, Siracusa LR, Buchan J, Hewson J, Sharif S, & Caswell JL. (2022). The effect of aerosolized bacterial lysate on experimentally induced *Mannheimia haemolytica* pneumonia in calves. *Canadian journal of veterinary research = Revue canadienne de recherche veterinaire*, 86(2), 85-92. <https://pmc.ncbi.nlm.nih.gov/articles/PMC8978283/>
4. Monica J, Hewson J, Chalmers H, Jones-Bitton A & Singh A. (2022). Most students have experience making radiographs prior to veterinary school but have limited radiation safety training. *Veterinary Radiology & Ultrasound*, 63(2), 131-137. <https://doi.org/10.1111/vru.13065>
5. Cooper CJ, Arroyo LG, Pearl DL, Hewson J & Lillie BN. (2021). Survey of the equine broodmare industry, abortion, and equine herpesvirus-1 vaccination in Ontario. *The Canadian veterinary journal = La revue veterinaire canadienne*, 62(2), 124-132. <https://pmc.ncbi.nlm.nih.gov/articles/PMC7808208/>
6. Bassel LL, Kaufman EI, Alsop SA, Buchan J, Hewson J, McCandless EE, Tiwari R, Sharif S, Vulikh K, & Caswell JL. (2021). Effect of aerosolized bacterial lysate on development of naturally occurring respiratory disease in beef calves. *Journal of Veterinary Internal Medicine*, 35(1), 655-665. <https://doi.org/10.1111/jvim.16032>
7. Caissie MD, Gartley CJ, Scholtz EL, Hewson J, Johnson R & Chenier T. (2020). The effects of treatment with N-acetyl cysteine on clinical signs in Persistent Breeding-Induced Endometritis susceptible mares. *Journal of Equine Veterinary Science*, 92, 103142. <https://doi.org/10.1016/j.jevs.2020.103142>
8. Goetz ML, Jones-Bitton A, Hewson J, Khosa D, Pearl D, Bakker DJ, Lyons ST & Conlon PD. (2020). An Examination of Myers-Briggs Type Indicator Personality, Gender, and Career Interests of Ontario Veterinary College Students. *Journal of Veterinary Medical Education*, 47(4), 430-444. <https://doi.org/10.3138/jvme.0418-044r>

9. Bassel LL, Co C, Macdonald A, Sly L, McCandless EE, Hewson J, Tiwari R, Sharif S, Siracusa L, Clark ME & Caswell JL. (2020). Pulmonary and systemic responses to aerosolized lysate of *Staphylococcus aureus* and *Escherichia coli* in calves. *BMC Veterinary Research*, 16(1), 168. <https://doi.org/10.1186/s12917-020-02383-7>
10. Best CO, Perret JL, Hewson J, Khosa DK, Conlon PD & Jones-Bitton A. (2020). A survey of veterinarian mental health and resilience in Ontario, Canada. *The Canadian veterinary journal = La revue veterinaire canadienne*, 61(2), 166-172. <https://pmc.ncbi.nlm.nih.gov/articles/PMC6973204/>
11. Vulikh K, Bassel LL, Sergejewich L, Kaufman EI, Hewson J, MacInnes JI, Tabatabaei S & Caswell JL. (2019). Effect of tracheal antimicrobial peptide on the development of *Mannheimia haemolytica* pneumonia in cattle. *PLoS One*, 14(11), e0225533. <https://doi.org/10.1371/journal.pone.0225533>
12. Bassel LL, Kaufman EI, Alsop SA, Stinson KJ, Hewson J, Sharif S, Vulikh K, Siracusa L, Clark ME & Caswell JL. (2019). Development of an aerosolized *Mannheimia haemolytica* experimental pneumonia model in clean-catch colostrum-deprived calves. *Veterinary Microbiology*, 234, 34-43. <https://doi.org/10.1016/j.vetmic.2019.05.012>
13. Ollivett TL, Leslie KE, Duffield TF, Nydam DV, Hewson J, Caswell J, Dunn P & Kelton DF. (2018). Field trial to evaluate the effect of an intranasal respiratory vaccine protocol on calf health, ultrasonographic lung consolidation, and growth in Holstein dairy calves. *Journal of dairy science*, 101(9), 8159-8168. <https://doi.org/10.3168/jds.2017-14271>
14. Best C, Coe JB, Hewson J, Meehan M, Kelton D & Black B. (2018, August). Referring equine veterinarians' expectations of equine veterinary specialists and referral centers. *Journal of the American Veterinary Medical Association*, 253(4), 479-489. <https://doi.org/10.2460/javma.253.4.479>
15. Khan FA, Chenier TS, Foster RA, Hewson J & Scholtz EL. (2018). Endometrial nitric oxide synthase activity in mares susceptible or resistant to persistent breeding-induced endometritis and the effect of a specific iNOS inhibitor in vitro. *Reproduction in domestic animals*, 53(3), 718-724. <https://doi.org/10.1111/rda.13162>
16. Best C, Coe JB, Hewson J, Meehan M & Kelton D. (2018). Survey of Equine Referring Veterinarians' Satisfaction with Their Most Recent Equine Referral Experience. *Journal of veterinary internal medicine*, 32(2), 822-831. <https://doi.org/10.1111/jvim.15053>
17. Cooper CJ, Keller SM, Arroyo LG, Hewson J, Kenney D & Bienzle D. (2018). Acute Leukemia in Horses. *Veterinary pathology*, 55(1), 159-172. <https://doi.org/10.1177/0300985817720983>
18. Khan FA, Chenier TS, Murrant CL, Foster RA, Hewson J & Scholtz EL. (2017). Dose-dependent inhibition of uterine contractility by nitric oxide: A potential mechanism underlying persistent breeding-induced endometritis in the mare. *Theriogenology*,

- 90, 59-64. <https://doi.org/10.1016/j.theriogenology.2016.11.026>
19. Abdallah A, Hewson J, Francoz D, Selim H & Buczinski S. (2016). Systematic Review of the Diagnostic Accuracy of Haptoglobin, Serum Amyloid A, and Fibrinogen versus Clinical Reference Standards for the Diagnosis of Bovine Respiratory Disease. *Journal of Veterinary Internal Medicine*, 30(4), 1356-68. <https://doi.org/10.1111/jvim.13975>
20. Hewson J & Arroyo LG. (2015). Respiratory Disease: Diagnostic Approaches in the Horse. *Veterinary Clinics of North America Equine Practice*, 31(2), 307-36. <https://doi.org/10.1016/j.cveq.2015.04.008>
21. Senthilkumaran C, Hewson J, Ollivett TL, Bienzle D, Lillie BN, Clark ME & Caswell JL. (2015). Localization of annexins A1 and A2 in the respiratory tract of healthy calves and those experimentally infected with Mannheimia haemolytica. *Veterinary Research*, 14(46:6). <https://doi.org/10.1186/s13567-014-0134-3>
22. Ollivett T, Caswell JL, Nydam DV, Duffield T, Leslie KE, Hewson J & Kelton D. (2015). Thoracic Ultrasonography and Bronchoalveolar Lavage Fluid Analysis in Holstein Calves with Subclinical Lung Lesions. *Journal of Veterinary Internal Medicine*, 29(6), 1728-34. <https://doi.org/10.1111/jvim.13605>
23. Diaz-Mendez A, Hewson J, Shewen P, Nagy E & Viel L. (2014). Characteristics of respiratory tract disease in horses inoculated with equine rhinitis A virus. *American Journal of Veterinary Research*, 75(2), 169-178. <https://doi.org/10.2460/ajvr.75.2.169>
24. Medina-Torres CE, Hewson J, Stampfli S & Stalker MJ. (2014). Bilateral diffuse cystic renal dysplasia in a 9-day-old Thoroughbred filly. *The Canadian Veterinary Journal*, 55(2), 141-146. <https://pmc.ncbi.nlm.nih.gov/articles/PMC3894871/>
25. Hewson J, Johnson R, Arroyo LG, Diaz-Mendez A, Ruiz-Lopez JA, Gu Y & del Castillo JRE. (2013). Comparison of continuous infusion with intermittent bolus administration of cefotaxime on blood and cavity fluid drug concentrations in neonatal foals. *Journal of Veterinary Pharmacology and Therapeutics*, 36(1), 68-77. <https://doi.org/10.1111/j.1365-2885.2012.01394.x>
26. Senthilkumaran C, Clark ME, Abdelaziz K, Bateman KG, MacKay A, Hewson J & Caswell JL. (2013). Increased annexin A1 and A2 levels in bronchoalveolar lavage fluid are associated with resistance to respiratory disease in beef calves. *Veterinary Research*, 44(1), 24. <https://doi.org/10.1186/1297-9716-44-24>
27. Caswell JL, Hewson J, Slavić Đ, DeLay J & Bateman K. (2012). Laboratory and postmortem diagnosis of bovine respiratory disease. *Veterinary Clinics of North America Food Animal Practice*, 28(3), 419-441. <https://doi.org/10.1016/j.cvfa.2012.07.004>
28. Whitehead AE, Parreira VR, Hewson J, Watson JL & Prescott JF. (2012). Development of a live, attenuated, potential vaccine strain of R. equi expressing

vapA and the virR operon, and virulence assessment in the mouse. *Veterinary Immunology and Immunopathology*, 145(1-2), 479-84.
<https://doi.org/10.1016/j.vetimm.2011.10.011>

29. Hewson J, Viel L, Caswell JL, Shewen PE & Buchanan-Smith JG. (2011). Impact of isoflupredone acetate treatment on clinical signs and weight gain in weanling heifers with experimentally induced Mannheimia haemolytica bronchopneumonia. *American Journal of Veterinary Research*, 72(12), 1613-1621.
<https://doi.org/10.2460/ajvr.72.12.1613>
30. Beeler-Marfisi J, Gallastegui Menoyo A, Beck A, Koenig J, Hewson J & Bienzle D. (2011). Gelatinous marrow transformation and hematopoietic atrophy in a miniature horse stallion. *Veterinary Pathology*, 48(2), 451-455.
<https://doi.org/10.1177/0300985810375242>
31. Diaz-Mendez A, Viel L, Hewson J, Doig P, Carman S, Chambers T, Tiwari A & Dewey C. (2010). Surveillance of equine respiratory viruses in Ontario. *Canadian Journal of Veterinary Research*, 74(4), 271-278.
<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2949340/>
32. Fjordbakk CT, Arroyo LG & Hewson J. (2008). Retrospective study of the clinical features of limb cellulitis in 63 horses. *Veterinary Record*, 162(8), 233-236.
<https://doi.org/10.1136/vr.162.8.233>
33. Rho GJ, Coppola G, Sosnowski J, Kasimanickam R, Johnson WH, Semple E, Mastromonaco GF, Betts DH, Koch TG, Weese S, Hewson J, Hayes MA, Kenney DG, Basrur PK & King WA. (2007). Use of Somatic Cell Nuclear Transfer to study meiosis in female cattle carrying a sex-dependent fertility impairing X-chromosome abnormality. *Cloning and Stem Cells*, 9(1), 118-129.
<https://doi.org/10.1089/clo.2006.0036>
34. Hewson J & Cebra CK. (2001). Peritonitis in a llama caused by Streptococcus equi subsp. zooepidemicus. *The Canadian Veterinary Journal*, 42(6), 465-467.
<https://pmc.ncbi.nlm.nih.gov/articles/PMC1476545/>

Book Chapters

1. Hewson J & Arroyo LG. (2011). Medical Conditions of the Lower Respiratory Tract. In Munroe GA & Weese JS (Eds.), *Equine Clinical Medicine, Surgery and Reproduction* (pp. 458-480). London, UK: Manson Publishing. (Published)
2. Viel L & Hewson J. (2003). Bronchoalveolar lavage. In Robinson NE (Ed.), *Current Therapy in Equine Medicine 5* (pp. 407-411). St. Louis, MO: Saunders. (Published)
3. Hewson J & Viel L. (2002). Sampling, Microbiology and Cytology of the Respiratory Tract. In Lekeux P (Ed.), *Equine Respiratory Diseases*. Ithaca: International Veterinary Information Service (IVIS) [document no. B0308.0602](#). (Published)

4. Hewson J. (2002). Ascarids, Cyathostomiasis. In Brown CM, Bertone JJ (Eds.), *The 5-Minute Veterinary Consult: Equine* (pp. 140-141, 306-307). Baltimore, MD: Lippincott Williams and Wilkins. (*Published*)

Non-Refereed Publications

Journal Articles

1. Hewson J, Whitehead AE, Hodgins J & Jansen J. (2010). Alpaca Ontario Invests in Camelid Training at the Ontario Veterinary College. *Camelid Quarterly*, June, 69-70. <https://pmc.ncbi.nlm.nih.gov/articles/PMC3894871/> (*Published*).
2. Hewson J & Whitehead AE. (2009). Hospitalization of camelids. *Camelid Quarterly*, December, 69-73. (*Published*).

Extension Articles

1. Hewson J. (2002 September) "Bacterial Pneumonia/Pleuropneumonia". In: Equine Respiratory Reference Series, Boehringer-Ingelheim (Canada)
2. Hewson J. (2001). The Equine Respiratory Tract: Structure and Function. *Equine Examiner*, 2001(1): 2-4, Boehringer-Ingelheim (Canada) Ltd.
3. Hewson J. (2001). The Equine Respiratory Tract: Mechanisms of Pulmonary Defence. *Equine Examiner*, 2001(2): 2-5, Boehringer-Ingelheim (Canada) Ltd.
4. Hewson J. (2001). Equine Infectious Respiratory Diseases. *Equine Examiner*, 2001(3): 2-4, Boehringer-Ingelheim (Canada) Ltd.
5. Hewson J. (2001). Inflammatory Airway Disease. *Equine Examiner*, 2001(4): 2-5, Boehringer-Ingelheim (Canada) Ltd.

PRESENTATIONS (INVITED/KEYNOTE SPEAKER)

1. Hewson J. "Respiratory Disease in Calves and Its Impact on Future Productivity in the Dairy and Beef Industries" (July 11, 2013). Canadian Veterinary Medical Association Annual Forum, Victoria, BC.
2. Hewson J. "Managing the Collateral Damage of Inflammation to Optimize Outcome in Cattle with Respiratory Disease" (July 11, 2013). Canadian Veterinary Medical Association Annual Forum, Victoria, BC.

3. Hewson J. "Something Old, Something New: Advances in Diagnosing Respiratory Disease in Feedlot Cattle" (July 11, 2013). Canadian Veterinary Medical Association Annual Forum, Victoria, BC.
4. Hewson J. "Diagnosing BRD: Have we gotten any better over the years?" (June, 2012). American College of Veterinary Internal Medicine, New Orleans. Louisiana, USA.
5. Hewson J. "Foal respiratory diseases: The first year of life" (July, 2011). Canadian Veterinary Medical Association Annual Forum, Halifax, Nova Scotia, Canada.
6. Hewson J. "Viral respiratory diseases: The bugs that bug horses" (July, 2011). Canadian Veterinary Medical Association Annual Forum, Halifax, Nova Scotia, Canada.
7. Hewson J. "Investigating respiratory diseases: A case-based discussion of equine respiratory disorders" (July, 2011). Canadian Veterinary Medical Association Annual Forum, Halifax, Nova Scotia, Canada.
8. Hewson J, Bienzle D. "Interpretation of equine biochemical profiles and complete blood counts" (Jan. 2010). Ontario Veterinary Medical Association Annual Conference, Toronto, Ontario, Canada.
9. Hewson J. "Lunch 'n' Learn" session on Equine Medicine and Surgery (Jan. 2009). Ontario Veterinary Medical Association Annual Forum, Guelph, Ontario, Canada.
10. Hewson J. "Update on Bovine Respiratory Disease Complex (BRD)" (June, 2006). American College of Veterinary Internal Medicine (ACVIM) Forum, Louisville, Kentucky, USA.
11. Hewson J. "Therapies for BRD: Beyond the Antibiotic" (June, 2006). American College of Veterinary Internal Medicine (ACVIM) Forum, Louisville, Kentucky, USA.
12. Hewson J. "Diseases of the Respiratory System and How to Prevent Them" (Jan. 2004). Grey Bruce Farmers' Week, Grey Bruce, Ontario, Canada.
13. Hewson J. "New Therapies for Inflammatory Airway Disease: Comparing Apples with Oranges" (Nov, 2003). Ontario Equestrian Federation Conference, Toronto, Ontario, Canada.
14. Hewson J. "Pathogenesis of acute lung lesions in bovine pneumonic pasteurellosis" (June, 2003). American College of Veterinary Internal Medicine (ACVIM) Forum, Charlotte, North Carolina, USA.

CONFERENCE PUBLICATIONS, PODIUM AND POSTER PRESENTATIONS

1. Kaufman EI, Bassel LL, Alsop SNA, Vulikh K, Siracusa LR, Hewson J, Sharif S & Caswell JL. (September 2018). Effects of innate immune stimulation on naturally occurring respiratory disease in beef calves. Proceedings. *In American Association of Bovine Practitioners Conference 51(2) (p. 278). (Published)*

2. Khan FA, Chenier TS, Murrant CL, Foster RA, Hewson J & Scholtz EL. (July 2016). Nitric oxide's dose-dependent inhibition of uterine contractility: a potential mechanism underlying persistent breeding-induced endometritis in the mare. Society for Theriogenology: Clinical Theriogenology 2016, 8(3), 307. *(Published)*
3. Hewson J, Lackeyram D & Blois S. (June 2016). Building a Program Roadmap for Progressive Learning of Clinical Problem Solving. Veterinary Educators Collaborative Conference, Association of American Veterinary Medical Colleges, Calgary, Canada *(Published)* Presenter was J. Hewson
4. Lackeyram D, Hewson J & Lissemore K. (2016). How (dis)connected is teaching and learning? - Using learner feedback about program-level outcomes in ongoing curriculum review and improvement. In *Teaching and Learning Innovations Conference*. *(Accepted)* Presenters were J. Hewson & D. Lackeyram
5. Lackeyram D, Hewson J & Lissemore K. (2016). Closing the assessment loop: Developing criteria that are mapped to program outcomes. In *Teaching and Learning Innovations Conference*. *(Accepted)* Presenter was J. Hewson
6. Best C, Conlon P, Hewson J, Jones-Bitton A & Needles R. (Sep. 2015). A survey of veterinarian mental health and wellness in Ontario. Veterinary Wellness and Social Work Summit, Knoxville. Tennessee. *(Accepted)*
7. Khan FA, Chenier TS, Murrant CL, Foster RA, Hewson J & Scholtz EL. (Sep. 2015). Nitric oxide's dose-dependent inhibition of uterine contractility: a potential mechanism underlying persistent breeding-induced endometritis in the mare. Graduate Research Day, Ontario Veterinary College, Guelph, Canada. *(Accepted)*
8. Hewson J, Lackeyram D & Blois S. (Sep. 2015). Alignment and assessment of Program Learning Outcomes (PLOs) with pre-clinical training in a veterinary program. AMEE: An international Association for Medical Education, Glasgow, Scotland. *(Accepted)* Presenter was J. Hewson
9. Jones-Bitton A, Best C, Conlon P, Hewson J & Khosa D. (Sep. 2015). Mental health and wellness of veterinarians in Ontario, Canada. Conference of Researcher Workers in Animal Diseases, Chicago, United States of America. *(Accepted)*
10. Abdallah M, Hewson J, Francoz D, Selim H & Buczinski S. (Jun. 2015). Systematic review of the diagnostic accuracy of haptoglobin, serum amyloid A and fibrinogen versus clinical reference standard for the diagnosis of Bovine Respiratory Disease (BRD). American College of Veterinary Internal Medicine Annual Forum, Indianapolis. Indiana. *(Accepted)*
11. Hewson J, Blois S & Lackeyram D. (Apr. 2015). Taking the "Flipped classroom" into the laboratory: a strategy to redirect the focus of student learning back to the application of acquired knowledge, skills and attitudes. Teaching and Learning Innovations Conference, Guelph, Canada. *(Accepted)*
12. Hewson J & Blois S. (Apr. 2015). Comprehensive assessment of student skill development – Blending theory and practice. Teaching and Learning Innovations

Conference, Guelph, Canada. (*Accepted*)

13. Best C, Coe J, Hewson J, Meehan M & Kelton D. (2015). Equine referring veterinarians' expectations of equine veterinary specialists and equine referral care centers. In *American College of Veterinary Internal Medicine Annual Forum*. (*Accepted*) Presenter was J. Hewson
14. Khan FA, Murrant CL, Chenier TS, Hewson J, Foster RA & Scholtz EL. (2015). The effect of nitric oxide on in-vitro contractility of sheep uterus: a dose response study. In *Southern Ontario Reproductive Biology*. (*Accepted*)
15. Hewson J, Lackeyram D & Lissemore K. (Oct. 2014). Measuring Program Effectiveness: Transforming Program Learning Outcomes into a Practical Measurement Tool. Symposium on Learning Outcomes: A Toolkit for Assessment, Toronto, Canada. (*Accepted*) Presenters were J. Hewson and D. Lackeyram
16. Best C, Coe J, Hewson J & Meehan M. (Sep. 2013). Equine caretakers' and veterinarians' perceptions of the veterinarian-client relationship in equine practice. International Conference on Communication in Veterinary Medicine, St. Louis. Missouri. (*Accepted*)
17. Best C, Coe J, Hewson J & Meehan M. (Sep. 2013). A focus group study of equine caretakers' and veterinarians' perceptions of the financial aspects of equine veterinary care. International Conference on Communication in Veterinary Medicine, St. Louis. Missouri. (*Accepted*)
18. Hewson J. (2013). Respiratory Disease in Calves and Its Impact on Future Productivity in the Dairy and Beef Industries. In *Canadian Veterinary Medical Association Annual Forum*. (*Published*)
19. Hewson J. (2013). Managing the Collateral Damage of Inflammation to Optimize Outcome in Cattle with Respiratory Disease. In *Canadian Veterinary Medical Association Annual Forum*. (*Published*)
20. Hewson J. (2013). Something Old, Something New: Advances in Diagnosing Respiratory Disease in Feedlot Cattle. In *Canadian Veterinary Medical Association Annual Forum*. (*Published*)
21. Hewson J. (2012). Diagnosing BRD: Have we gotten any better over the years? In: *American College of Veterinary Internal Medicine Annual Forum*. (*Published*)
22. Hewson J. (2011). Investigating respiratory diseases: A case-based discussion of equine respiratory disorders. In *Canadian Veterinary Medical Association Annual Forum*. (*Published*)
23. Whitehead AE, Parreira VR, Hewson J & Prescott JF. (2008). Development of a live attenuated VapA-producing *Rhodococcus equi* oral vaccine to protect neonatal foals against pneumonia. In *4th Havemeyer Workshop on Rhodococcus equi*. (*Accepted*)
24. Spurrell J, Whitehead A & Hewson J. (2007). Characterization of serum and colostral

interferon-gamma in mares and foals. In *Summer Leadership Research Program*. (Accepted)

25. Hewson J. (2006). Therapies for BRD: Beyond the Antibiotic. In *American College of Veterinary Internal Medicine Forum*. (Published)
26. Diaz Mendez A, Hewson J & Viel L. (2005). Surveillance of equine influenza virus prevalence in young performance horses in Ontario. In *World Equine Airways Symposium*. (Accepted)
27. Hewson J. (2003). Pathogenesis of acute lung lesions in bovine pneumonic pasteurellosis. In *American College of Veterinary Internal Medicine Forum*. (Published) Presenter was J. Hewson
28. Hewson J & Viel L. (Jul. 2005). Streptococcus in the trachea: is it merely a contaminant? World Equine Airways Symposium, Ithaca. New York. (International) (Published)
29. Viel L & Hewson J. (Oct. 2002). Effect of steroids and mast cell stabilizers on BAL cytology following 4 weeks of treatment. Veterinary Comparative Respiratory Society Conference, Boston. Massachusetts. (Published)
30. Delay J & Hewson J. (Jun. 2002). Hepatic iron toxicosis in an adult horse. Canadian Animal Health Laboratorians Network meeting, Nepean, Canada. (Published)
31. Hewson J & Viel L. (May 2002). Efficacy of isoflupredone acetate in conjunction with oxytetracycline for the treatment of bovine pneumonic pasteurellosis. American College of Veterinary Internal Medicine Annual Forum, Dallas, Texas. (Published) Presenter was J. Hewson
32. Viel L & Hewson J. (May 2002). Bronchoalveolar lavage cytologic diagnosis of inflammatory airway disease (IAD) in horses. American College of Veterinary Internal Medicine Annual Forum, Dallas, Texas. (Published)
33. Viel L, Hewson J & Celly C. (2001). Efficacy of mometasone furoate in the treatment of heaves in horses. In *World Equine Airways Society/Comparative Respiratory Society Symposium*. (Accepted) Poster presenter was J. Hewson
34. Viel L & Hewson J. (July 2001). BAL cytology in horses with exercise intolerance: What does it tell us? In *World Equine Airways Society/Comparative Respiratory Society Symposium*. (Published)

SERVICE & LEADERSHIP ROLES

COMMITTEE CHAIR / CO-CHAIR

Oct. 2018 - present: **DVM Program Committee Chair**, OVC Deans Office, University of Guelph, Canada.

Oct. 2018 - present: **DVM Program Curriculum Sub-Committee Chair**, OVC Deans Office, University of Guelph, Canada.

Oct. 2018 - present: **DVM Program Academic Review Sub-Committee Chair**, OVC Deans Office, University of Guelph, Canada.

Oct. 2018 - present: **DVM Admissions Sub-Committee Co-Chair**, OVC Deans Office, University of Guelph, Canada.

Oct. 2018 - present: **Bovine Education Trust Advisory Board Chair**, OVC Deans Office, University of Guelph, Canada.

Sep. 2014 - present: **OVC Equine Teaching Herd Committee Chair**, University of Guelph, Canada.

2004 - 2018: **Large Animal Medicine Service Chief**, University of Guelph, Canada.

Sep. 2014 – Sept 2018: **Undergraduate Teaching and Learning Committee Chair**, Department of Clinical Studies, University of Guelph, Canada.

Sep. 2008 – Mar. 2010 **Equine Primary Care Service Committee Chair**, University of Guelph, Canada.

July. 2009 – July 2009: **Acting Department Chair**, Department of Clinical Studies, University of Guelph, Canada.

June. 2009 – June 2009: **Acting Clinic Head**, Large Animal Clinic, OVC-Health Sciences Centre, University of Guelph, Canada.

July 2004- May 2005: **Credentials Committee Chair, Large Animal Internal Medicine**, American College of Veterinary Internal Medicine.

COMMITTEE MEMBER

Oct 2025 – present: **UGFA/FASR Joint Committee on Workload Associated with Increased Class Size**, University of Guelph, Canada.

Apr 2023 – present: **Collaborative DVM Program (CDVMP) Joint Steering Committee**, University of Guelph, Canada.

Apr 2023 – present: **Collaborative DVM Program (CDVMP) Internal Steering Committee**, University of Guelph, Canada.

Apr 2023 – present: **Collaborative DVM Program (CDVMP) Organization Working Group**, University of Guelph, Canada.

Oct. 2018 - present: **University of Guelph Senate**, University of Guelph, Canada.

Oct. 2018 - present: **University of Guelph Council of Associate Deans, Academic**, University of Guelph, Canada.

Oct. 2018 - present: **OVC Deans Council**, University of Guelph, Canada.

Oct. 2018 - present: **OVC Deans Management Team**, University of Guelph, Canada.

Oct. 2018 - present: **Community Healthcare Partnership Program (CHPP) Steering Committee**, University of Guelph, Canada.

Oct. 2018 - present: **OVC Alumni Association Board**, University of Guelph, Canada.

Oct. 2018 - Sep. 2024: **Student Rights and Responsibilities Committee**, University of Guelph, Canada.

Mar. 2020 - Jun. 2021: **COVID-19 Academic Advisory Committee**, University of Guelph, Canada.

Oct. 2018 - Sep. 2019: **Experiential Learning Advisory Committee**, University of Guelph, Canada.

Sep. 2015 - Sep. 2018: **DVM Program Curriculum Subcommittee**, Ontario Veterinary College, University of Guelph, Canada.

Sep. 2015 – Sept 2018 **OVC Dean's Advisory Council**, Ontario Veterinary College, University of Guelph, Canada.

Sep. 2015 – Sept 2018: **OVC Hospital Advisory Committee**, Ontario Veterinary College, University of Guelph, Canada.

Sep. 2015 – Sept 2018: **OVC Awards Committee**, Ontario Veterinary College, University of Guelph, Canada.

Sep. 2013 – Sept 2018: **DVM Program Curriculum Subcommittee**, Ontario Veterinary College, University of Guelph, Canada.

Jun. 2016: **Planning Committee Member**, Technical Large Animal Emergency Rescue (TLAER) Training, University of Guelph, Canada.

April 2016: **Learning Enhancement Fund Committee**, University of Guelph, Canada

Jan. 2009 - Jan. 2015: **ACVIM LA Certifying Examination Rating Committee**, American College of Veterinary Internal Medicine.

July 2010 – Sept 2014 **ACVIM Large Animal Internal Medicine Credentials Committee**, American College of Veterinary Internal Medicine.

Sep. 2012 – Sept 2014 **OVC Narcotics and Controlled Drugs Committee**, Ontario

Veterinary College, University of Guelph, Canada.

Sep. 2008 – Sept 2012: **Undergraduate Teaching Committee**, University of Guelph, Canada.

Sep. 2012 - 2014: **OVC Initiative: Primary Care Learning Committee**, University of Guelph, Canada.

Sep. 2011: **Department of Clinical Studies Strategic Planning: Curriculum Integration Committee**, University of Guelph, Canada.

Sep. 2011: **Department of Clinical Studies Strategic Planning: Clinical Skills Training Facility Committee**, University of Guelph, Canada.

Jan 2009 – March 2010: **Chair's Advisory Council**, University of Guelph, Canada.

November 2008- March 2010: **Barn 37 Redevelopment User Group**, University of Guelph, Canada.

January 2009 -November 2009: **Large Animal Isolation Unit User Group**, University of Guelph, Canada.

June 2009: **Equine MRSA Surveillance Program Review Committee**, University of Guelph, Canada.

January 2009: **On-Call Review Committee**, University of Guelph, Canada.

Nov 2008: **Infrastructure Ontario Grant Proposal: Equine Medicine, Undergraduate Clinical Teaching, and Departmental Research Planning Groups**, University of Guelph, Canada.

Jan 2003 – June 2008: **Equine Forum Planning Committee**, American College of Veterinary Internal Medicine.

June 2006-August 2007: **Undergraduate Teaching Committee**, University of Guelph, Canada.

Sep. 2006 – Dec 2006: **Chair's Advisory Council**, University of Guelph, Canada.

Aug 2006: **Intensive Care Unit; Equine Steering Committee**, University of Guelph, Canada.

July. 2002 – May 2005 **Credentials Committee**, American College of Veterinary Internal Medicine.

July 2002- July 2003: **Credentials Task Force**, American College of Veterinary Internal Medicine.

SEARCH COMMITTEE MEMBER (*DENOTES CHAIR OF COMMITTEE)

Jul. 2024	Large Animal Internal Medicine Faculty Position, Department of Clinical Studies
Oct. 2022	Associate Dean, Clinical Programs, Ontario Veterinary College
Aug 2022	Academic Coordinator – Clinical Skills, Department of Clinical Studies
Jun. 2022	Senior Manager, Student Experience, Ontario Veterinary College*
Jan. 2021	CHPP Veterinary Director, Ontario Veterinary College
Jan. 2021	CHPP Professor, Department of Clinical Studies
Jan. 2021	Chair, Department of Clinical Studies
Sep. 2019	OVC Director of Wellbeing Programming, Ontario Veterinary College*
Jan. 2019	Learning Pathways Officer, Ontario Veterinary College*
Sep. 2015	Large Animal Medicine CL Position, Department of Clinical Studies
Sep. 2015	Ophthalmology Faculty Position, Department of Clinical Studies
Sep. 2015	Large Animal Search 50% Faculty Position, Department of Clinical Studies
Sep. 2013	Ophthalmology Faculty Position, Department of Clinical Studies
Sep. 2013	Large Animal Supervisor, OVC Health Sciences Centre
Jan. 2012	Large Animal Surgery (CL) Faculty Position, Department of Clinical Studies
Sep. 2010	Communications Faculty Position, Department of Population Medicine
Jan. 2010	Small Animal Internal Medicine Faculty Position, Department of Clinical Studies
Nov. 2009	Radiology Faculty Position, Department of Clinical Studies
Sep. 2008	Registered Veterinary Technician Position, OVC Health Sciences Centre
Jun. 2008	Large Animal Internal Medicine Faculty Position, Department of Clinical Studies
Dec 2006	Registered Veterinary Technician Position, OVC Health Sciences Centre
May 2006	Animal Housing Manager, OVC Health Sciences Centre
Jan. 2005	Agricultural Assistant Position, OVC Health Sciences Centre
Sep. 2003	Neurology Faculty Position, Department of Clinical Studies

RESEARCH FUNDING APPLICATION ASSESSMENT ACTIVITIES

Jun. 2016: **External Reviewer, Mark and Pat DuMont Equine Research Fund Proposals**, Western College of Veterinary Medicine, University of Saskatchewan.

Oct. 2015: **External Reviewer, Townsend Equine Health Research Fund Proposals**, Western College of Veterinary Medicine, University of Saskatchewan.

Jan. 2011: **External Reviewer, Dube/Ryan Veterinary Health and Research Fund Proposals**, Western College of Veterinary Medicine, University of Saskatchewan.

Jan. 2009 - Jan. 2010: **External Reviewer, Equine Health Research Fund Proposals**, Western College of Veterinary Medicine, University of Saskatchewan.

JOURNAL REVIEW ACTIVITIES

Manuscript reviewer for 18 submissions between 2004 to present:

American Journal of Veterinary Research (3)

Journal of Veterinary Internal Medicine (6)

Anatomic Record (1)

Canadian Veterinary Journal (4)

Canadian Journal of Veterinary Research (4)

OTHER SERVICE ACTIVITIES

Sep. 2012 - present: Animal Use Protocol PI/holder for the equine/bovine blood and rumen fluid donor program (AUP 1889, 3588, 5296) for the OVC-HSC, University of Guelph, Canada.

Oct. 2015: Interviewee, Podcast on Diagnosing Bovine Respiratory Disease, in collaboration with Dr. Jeff Caswell, Ontario Animal Health Network, Canada.

May 2013: Admissions Interviews, DVM Program, University of Guelph, Canada.

Feb. 2013 - Sep. 2015: Animal Use Protocols Peer Reviewer for scientific merit, Animal Care Committee, University of Guelph, Canada.

Oct. 2012: Alpaca Ontario Futurity Event OVC Liaison, University of Guelph, Canada.

June 2007 & 2009: Admissions Interviews, DVM Program, University of Guelph, Canada.

Sep. 2004 - Aug. 2007: ACVIM Large Animal Residency Supervising Diplomate, University of Guelph, Canada.

Sep. 2003 - Aug. 2007: Coordinator, Large Animal Internal Medicine Journal Club, University of Guelph, Canada.

Jan. 2003 – Dec 2006: Exam Rating, General and Certifying examinations, American College of Veterinary Internal Medicine.

Feb. 2004 - Dec. 2004: NAVLE Item Writer (Equine), National Board of Veterinary Medical Examiners.

Jan. 2001 - Jan. 2010. Examiner (Food Animal), CVMA National Examination Board Clinical Proficiency Examination.