

Lisa Christine Viesselmann, DVM, MS, DACVP

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Education and Training

- 2018 Diplomat, American College of Veterinary Pathologists (ACVP) (Clinical Pathology)
- 2016-2018 University of Tennessee-Knoxville -- Master of Science (Comparative and Experimental Medicine)
Thesis: Validation of complete blood count methodology, and determination of the relationship between endoparasite load and erythrocyte values in New World camelids
- 2015-2018 University of Tennessee-Knoxville -- Residency in Veterinary Clinical Pathology
- 2006-2010 University of Wisconsin-Madison -- Doctor of Veterinary Medicine
- 2002-2006 University of Wisconsin-Madison -- Bachelor of Science (Biology)
- 2005 Universidad Austral de Chile --Veterinary Sciences program

Employment

- 2021-present Assistant Professor of Practice in Pathology
College of Veterinary Medicine
University of Arizona
Oro Valley, AZ
- 2019-2021 Interim Director, Arizona Veterinary Diagnostic Laboratory
University of Arizona
Tucson, AZ
- 2018-2021 Pathologist, Arizona Veterinary Diagnostic Laboratory
University of Arizona
Tucson, AZ
- 2015-2020 Field Services Veterinarian
United States Army Veterinary Corps
United States Army Reserves
- 2015-2018 Resident, Veterinary Clinical Pathology
College of Veterinary Medicine
University of Tennessee
Knoxville, TN

2010-2015 Field Services Veterinarian (active duty)
United States Army Veterinary Corps

Professional Development

2021 Team-Based Learning (TBL), Peer Instruction (PI), and Pedagogy workshop participant, University of Arizona College of Veterinary Medicine

2019 ACVP/American Society for Veterinary Clinical Pathology (ASVCP) Concurrent Annual Meeting, San Antonio, TX

2018 Facilitating Undergraduate Evidence-Based Learning in STEM (FUEL - Associate Level), Center for Teaching and Learning Innovation, University of Tennessee-Knoxville

2017 ACVP/ASVCP Concurrent Annual Meeting, Vancouver, British Columbia

2017 ASVCP Pre-Meeting Workshop in External Quality Assurance and Proficiency Testing, Vancouver, British Columbia

2016 ACVP/ASVCP Concurrent Annual Meeting, New Orleans, LA

2016 ASVCP Pre-Meeting Workshop in Hematopathology, New Orleans, LA

2015-2018 Master Teacher Program, University of Tennessee-Knoxville

2014, 2012 North American Veterinary Conference, Orlando, FL

Teaching Experience

College of Veterinary Medicine, University of Arizona

2021-present Pathology faculty with teaching duties in Self Defense, Vital Circuitry, Sum of the Parts, and Clinical Skills courses

Co-director of Clinical Pathology selective course

Co-lead faculty for 2nd year gross necropsy training

Arizona Veterinary Diagnostic Laboratory, University of Arizona

2019-present Clinical pathology rotation preceptor for 4th year veterinary students from Western University of Health Sciences College of Veterinary Medicine

School of Animal and Comparative Biomedical Sciences, University of Arizona

2019 **ACBS 399: Independent Study**

Project advisor for undergraduate independent research project in the Arizona Veterinary Diagnostic Laboratory (Student: Kate Denton, Project focus: companion animal antibiogram analysis)

2018 **ACBS 466/566: Principles of Disease**

- 3 credit core course in the Animal and Biomedical Industries Master of Science program, and upper-level biological science course for undergraduate students
- Served as course coordinator and primary instructor for 75% of the fall semester

College of Veterinary Medicine, University of Tennessee

2016-2017 **VM 838: Clinical Rotation in Pathology – Clinical Pathology II**

- 20-hour core rotation for 4th year veterinary medical students, with emphasis on evaluation of blood smears, and hematologic and biochemical data
- Served as primary instructor for 4 separate rotations

2015-2017 **VM 888: Clinical Pathology**

- Core course for 2nd year veterinary medical students
- Gave 1 lecture (“Proteins”) in 2016, and 1 lecture (“Effusions”) in 2017
- Assisted with laboratory set-up, and with answering student questions during laboratory sessions

2015-2017 **VM 825: Microanatomy**

- Core course for 1st year veterinary medical students
- Assisted with laboratory set-up, and with answering student questions during the blood and bone marrow microscopy laboratory sessions

United States Army Veterinary Corps

2018-2020 - Train and supervise military veterinary technicians and food inspectors in preparation for deployment

2010-2015 - Military working dog (MWD) emergency first aid training for MWD handlers (quarterly)
- Veterinary preventive care and emergency medicine instruction for military medics (part of a mandatory 40-hour annual point of instruction)
- Tactical combat casualty care instruction for military medics (6-8 courses per year, 2012-2015)
- Trained and supervised veterinary technicians in the tasks of MWD care, laboratory methods (hematology, urinalysis, and parasitology), surgical preparation, and anesthesia

Publications

Viesselmann LC, Videla R, Schaefer J, Chapman A, Wyrosdick H, Schaefer DMW. *Mycoplasma haemolamae* and intestinal parasite relationships with erythrocyte variables in clinically healthy alpacas and llamas. 2019. *J Vet Intern Med* 33(5):2336-2342. (PMID: 31454105)

Viesselmann LC, Flatland B, Stokol T, Sisson S, Schaefer DMW. Evaluation of automated erythrocyte methodology in new world camelids using the ADVIA 2120 hematology analyzer. 2019. *Vet Clin Pathol* 48(2):239-249. (PMID: 31179576)

Viesselmann LC, Videla R, Flatland B. Verification of the Heska Element Point-of-Care blood gas instrument for use with venous blood from alpacas and llamas, with determination of reference intervals. 2018. *Vet Clin Pathol* 47(3):435-447. (PMID: 29999542)

Fry M, Yao B, Rios C, Mann S, Wong C, McArt J, Nydam D, Leal-Yepes F, **Viesselmann L**, Geick A, Goldin K, Behling-Kelly E. Diagnostic performance of cytology for assessment of hepatic lipid content in dairy cattle. 2018. *J Dairy Sci* 101(2):1379-1387. (PMID: 29248218)

Larson J, Walters L, **Viesselmann L**, Pfeiffer I, Watson A, DeSwarte M. Clinical Rounds: Multiple myeloma in a 9-year-old Labrador. *Veterinary Medicine/DVM360*, 20 June 2017.

Larson J, Manor E, **Viesselmann L**, Bartels J, Guevara J, Fisher J. Clinical Rounds: A splenic mast cell tumor in an 11-year-old Siamese cat. *Veterinary Medicine/DVM360*, 13 March 2017.

Larson J, **Viesselmann L**, Manor E, Emery L, Darrow B, Brown C, Pfeiffer I. Clinical Rounds: Canine thyroid carcinoma in a 4-year-old American bulldog. *Veterinary Medicine/DVM360*, 8 June 2016.

Larson J, Adelman L, Morandi F, **Viesselmann L**, Latimer C, Bower L, Manor E. Clinical Rounds: Insulinoma in a senior pit bull. *Veterinary Medicine/DVM360*, 8 April 2016.

Presentations (National)

Viesselmann L, Videla R, Schaefer J, Flatland B, Schaefer D. *Mycoplasma haemolamae* and fecal egg count relationships with erythrocyte values in clinically healthy camelids. Oral abstract presentation, ACVP/ASVCP Concurrent Annual Meeting, Vancouver, British Columbia, 7 November 2017.

Viesselmann L, Videla R, Flatland B. Verification of the Element POC blood gas instrument for use with camelid venous blood, and determination of reference intervals. Oral abstract presentation, ACVP/ASVCP Concurrent Annual Meeting, New Orleans, LA, 6 December 2016.

Viesselmann L, Flatland B, Hines M, Newkirk K, Woodrow J. Equine testicular mass (Mesothelioma vs. Sertoli cell tumor). Mystery Slide Case oral presentation, ACVP/ASVCP Concurrent Annual Meeting, New Orleans, LA, 6 December 2016.

Presentations (Local)

Dial SD, Klein MK, **Viesselmann LC**. How to help your pathologist help your oncologist help you – pathology/oncology continuing education seminar. Southern Arizona Veterinary Medical Association, 16 February 2022.

Approach to clinical chemistry – Presentation for the Student Chapter of the ACVP (SC-ACVP), Western University of Health Sciences - College of Veterinary Medicine, 6 November 2020.

Clinical pathology: What do you people *do*? - Presentation for the Pathology Club, University of Tennessee College of Veterinary Medicine, 5 November 2015.

Tumor Boards -- Integrative sessions where a specific tumor type(s) is discussed from the perspective of multiple services (pathology, oncology, surgery, etc.), University of Tennessee College of Veterinary Medicine, 2015-2018

- Cytology of Insulinoma
- Cytology of Canine Thyroid Carcinoma
- Cytology of Soft Tissue Sarcoma
- Cytology of Canine Primary Lung Tumors
- Cytology of Multiple Myeloma
- Cytology of Indolent Lymphoma
- Cytology of Feline Splenic Mast Cell Tumor
- Cytology of Feline High-Grade Gastrointestinal Lymphoma
- Cytology of Canine Mast Cell Tumor
- Cytology of Extraskeletal Osteosarcoma
- Cytology of Canine Thymoma

Recent Research Projects

Viesselmann L, Hoss A, Coen C, Fitch J. Validation of immunophenotyping of canine lymphocytes by flow cytometry. University of Arizona Core Facilities Pilot Program grant – ongoing.

Dial S, **Viesselmann L**, Goldstein R, et al. Urine sediment analyzer precision study – completed June 2021.

Honors and Awards

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| 2021 | 4 th Year Virtual Clinical Preceptor of the Year, Western University of Health Sciences College of Veterinary Medicine |
| 2017 | Charles Louis Davis, DVM Foundation Student Scholarship Award in Veterinary Pathology |
| 2015 | Meritorious Service Medal |
| 2014 | Joint Service Commendation Medal |
| 2012 | Army Commendation Medal |
| 2007-2010 | United States Army Health Professions Scholarship |

Professional Memberships, Licensure, and Other Activities

- 2020-present Member, Southern Arizona Veterinary Medical Association

2019-present Reviewer, *Journal of Veterinary Internal Medicine*

2018-present Veterinary licensure in Arizona

2015-2018 Veterinary licensure in Tennessee

2013-present Member, American Society for Veterinary Clinical Pathology

2010-2015 Veterinary licensure in Wisconsin