

# **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-present    Clinical Pathologist (Diagnostic Cytologist), 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, Cycle of Life, Sum of the Parts, Anesthesia and Surgery (Necropsy) and Clinical Skills courses

Co-director of Clinical Pathology selective course

Co-lead faculty for 2<sup>nd</sup> year gross necropsy training

### Arizona Veterinary Diagnostic Laboratory, University of Arizona

2019-present Clinical pathology rotation preceptor for 4<sup>th</sup> 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 1<sup>st</sup> 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.

## **Committees and Other Professional Activities**

Sep 2022-present      Admissions Committee member, University of Arizona College of Veterinary Medicine

May 2022-present      Curriculum Committee member, University of Arizona College of Veterinary Medicine

## **Honors and Awards**

- 2021                      4<sup>th</sup> 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