

**Wynne A. DiGrassie, DVM, MS, DACT, CVA, CVTP,
FVTE**

College of Veterinary Medicine
Arkansas State University
PO Box 1200
State University, AR 72467
wdigrassie@astate.edu

Professional Experience:

September 2025-Present Arkansas State University, Jonesboro, AR
Associate Dean for Clinical Programs

July 2025-Present Arkansas State University, Jonesboro, AR
Teaching Associate Professor of Equine Practice

August 2022 to June 2025 Blue Ridge Community College, Weyers Cave, VA
Associate Program Director and Associate Professor, Veterinary Technology

- Pedagogical approach of instruction to 1st and 2nd year veterinary technology students
- Collaborative, Hands on instruction of the students in large animal and exotics
- Collaborative learning in laboratory techniques, medical math, terminology, and microbiology
- Integrative laboratories associated with all courses taught
- Co-advisor of the Veterinary Technology Club
- Managed class schedules, admissions, mentor students and staff

August 2005 to August 2022 Blue Ridge Community College, Weyers Cave, VA
Adjunct instructor, Equine Advanced Techniques

- Pedagogical approach of instruction to 2nd year veterinary technology students
- Collaborative, Hands on instruction of the students in equine anesthesia
- Collaborative learning in equine pharmacology, vaccinations, and parasitology
- Integrative laboratories associated with the course
- Adaptive mentoring to ensure all students benefit from the course
- Reflective lesson planning yearly to ensure any new procedures and techniques are included
- Inquiry based examinations that ensure the material is learned and understood

January 2003 to present Mountain View Equine Hospital, Steeles Tavern, VA
Owner, Practice Administrator, Associate Veterinarian

- Integrative approach to supervision of employees using evaluations and goal setting bonus structure.
- Collaborative training of all employees and cross training to help everyone achieve success.
- Constructive mentorship program for veterinary students and technology students
- Participation in community outreach through preparation of newsletters, seminars, and social media.
- Chief financial operator
- Client communication liaison
- Consultant to local veterinarians and Foxden Nutraceuticals
- Veterinary responsibilities:
 - Assisted reproductive technologies of both male and female
 - Anesthesia
 - Preventive health care
 - Nutrition
 - Surgery
 - Neonatology
 - Alternative medicine (acupuncture, tui na, herbal care, laser therapy)

August 2001 to August 2002 Southwest Equine Medical and Surgical Center, Scottsdale, AZ
Associate Veterinarian

- Constructive based mentorship of veterinary students and technicians using a hands-on approach
- Assisted in foaling out high-risk pregnant mares

- Case management of critical neonates
- Case management of internal medical cases
- Assistance with anesthesia
- Preventive care management of field cases
- Performed advanced reproductive technologies (ET, semen cryopreservation, AI, etc.)

August 2000 to August 2001 Oklahoma State University College of Veterinary Medicine, Stillwater, OK
Clinical Instructor

- Enhanced first year veterinary student learning as an inquiry-based anatomy instructor
- Hands on constructive instruction of 4th year veterinary students during equine clinical rotations
- Organized integrative theriogenology laboratories for 1st-3rd year veterinary students
- Lead instructor of theriogenology students in small and large animal clinical rotations
- Case management of equine and small animal theriogenology patients
- Case management of equine emergency medicine cases

July 1999 to July 2000 VA-MD Regional College of Veterinary Medicine, Blacksburg, VA
Clinical Instructor, Theriogenology and Equine Ambulatory

- Instruction of 4th year veterinary students during equine clinical ambulatory clinical rotations
- Organized hands on and small group laboratories for theriogenology
- Instruction of 4th year veterinary students in comparative theriogenology clinical rotations
- Instruction of 4th year veterinary students in equine field emergencies

July 1996 to July 1999 VA-MD Regional College of Veterinary Medicine, Blacksburg, VA
Resident, Theriogenology

- Instruction of 1st year histology, cytology, and pathology using case-based approach
- Organized hands on and small group laboratories for theriogenology
- Constructive Mentorship of 4th year veterinary students in comparative theriogenology
- Case-based teaching assistant in 2nd year clinical techniques and nutrition
- Performed Caesarian sections for local transgenic cattle farm
- Assisted in reproductive management of black bear project
- Instructor in production management medicine

Education:

Master Herpetologist (48 lecture hours completed)	Amphibian Foundation Atlanta, Georgia	April 2023
Certification in Veterinary Tui Na	Chi Institute Reddick, Florida	October 2003
Certification in Veterinary Acupuncture	Chi Institute Reddick, Florida	June 2003
Diplomate, American College of Theriogenologists	American College of Theriogenologists Montgomery, Alabama	August 2001
Masters of Science	VA-MD Regional CVM Blacksburg, Virginia	June 2000
Doctor of Veterinary Medicine	VA-MD Regional CVM Blacksburg, Virginia	May 1996
Biochemistry Major Matriculated to DVM program	Virginia Tech Blacksburg, Virginia	August 1990-May 1992

Current Professional Organizations:

Virginia Veterinary Medicine Association
 American Veterinary Medical Association

Association of Veterinary Technician
Educators, Fellow
Virginia Community College Association
American College of Theriogenologists
Association of Reptile and Amphibian Veterinarians

Funded Research:

Ley WB, Bowen JM, DiGrassie WA. Evaluation of SCSA and heparin binding in stallion sperm with respect to fertility. Clinical Research Grant, VMRCVM, 1996.

Parker NA, Ley WB, Purswell BJ, Buechner-Maxwell V, DiGrassie WA. Peripartum risk assessment of the equine fetus associated with oxytocin induced parturition. Clinical Research Grant, VMRCVM, 1996.

Freeman LE, Bailey TL, DiGrassie WA. Vascular studies of the bovine penis. Clinical Research Grant, VMRCVM, 1998.

Ley WB, DiGrassie WA. Relationship between conventional tests, flow cytometric tests, and fertility in stallion frozen-thawed semen. VA Horse Industry Board, Richmond, VA, 1999.

Scholarly Writings:

DiGrassie WA, Wallace MA, Sponenberg DP. Multicentric lymphosarcoma with ovarian involvement in a Nubian goat. Can Vet J 1997; 38: 383-384.

DiGrassie WA and Ley WB. Induction of Parturition. J Equine Vet Science 1997; 17(10):528-529.

Dascanio JJ, Parker NA, Purswell BJ, DiGrassie WA, Bailey TL, Ley WB, Bowen JM. Diagnostic procedures in mare reproduction: basic evaluation. Compend Cont Ed Pract Vet 1997; 19(8):980-985.

Dascanio JJ, Parker NA, Ley WB, Bailey TL, Purswell BJ, Bowen JM, DiGrassie WA. Diagnostic procedures in mare reproduction: uterine evaluation, hysteroscopy, oviductal patency, and scintigraphy. Compend Cont Ed Pract Vet 1997; 19(9):1069-1075.

Bailey TL, Dascanio JJ, Parker NA, Purswell BJ, Ley WB, Bowen JM, DiGrassie WA. Diagnostic procedures in mare reproduction: hormonal evaluation and genetic testing. Compend Cont Ed Pract Vet 1997; 19(10):1183- 1189.

Bowen JM, Walker WL, DiGrassie WA, Ley WB. The use of a Newton PDA in an integrated veterinary record keeping system. J Equine Vet Science 1997; 17(9):476.

Ley WB, Bowen JM, Purswell BJ, Dascanio JJ, Parker NA, Bailey TL, DiGrassie WA. Modified technique to evaluate uterine tubal patency in the mare. 44th Annual American Association of Equine Practitioners Convention Proceedings, Baltimore, Maryland, December 1998: 56-59.

Ley WB, Parker NA, Bowen JM, DiGrassie WA, Jack NE. How we induce a normal mare to foal. 44th Annual American Association of Equine Practitioners Convention Proceedings, Baltimore, Maryland, December 1998: 194-197.

Newman SJ, Bailey TL, Jones JC, DiGrassie WA, Whittier WD. Multiple congenital anomalies in a calf. J Vet Diag Invest 1999; 11:368-371.

DiGrassie WA, Dascanio JJ, Ley WB, Newman SJ, Prater DA. Theriogenology question of the month: Abortion in a mare due to placental insufficiency and villous atrophy. J American Veterinary Medical Association 2000; 216(6):833-835.

DiGrassie WA. Evaluation of stallion frozen-thawed semen using conventional and flow cytometric assays. VMRCVM Masters Thesis, June 2000.

Abstracts/Presentations:

DiGrassie WA. "Using a microscope to enhance online learning." Virginia Community Colleges Association, 2024.

DiGrassie WA. "Livestock Healthcare for the Hobby Farmer." Virginia Association of Licensed Veterinary Technicians, Blue Ridge Community College, 2024.

DiGrassie WA. Reptile handling lab. Virginia Association of Licensed Veterinary Technicians, Blue Ridge Community College, 2024.

DiGrassie WA. "Understanding cytologic techniques-how to get the students to put it all together." AVTE Convention, Houston, TX, 2024.

DiGrassie WA, Bailey TL, Carlin S, Gwazdauskas F, Robertson J, Walker WL, Parker NA, Dascanio JJ, Irby M, Bethard R. Classification of ovarian histology following ultrasound-guided transvaginal follicular aspiration in 8 adult Holstein cows. Proceedings for the Annual Meeting of the Society for Theriogenology, Montreal Quebec, September 1997.

DiGrassie W, Ley W, Loomis P, Bowen J, Bailey T, Kalnitsky J. The validation of several flow cytometric tests to be used in the assessment of stallion frozen-thawed semen. Proceedings for the Annual Meeting of the Society for Theriogenology, Baltimore, Maryland, December 1998.

Ley W, DiGrassie W, Boon D, Dunnington E, Jack N. Pre-foaling mammary secretion sodium and potassium in relation to fetal readiness for birth. Proceedings for the Annual Meeting of the Society for Theriogenology, Nashville, Tennessee, September 1999.

DiGrassie W. Stallion injuries and Diseases. Virginia Veterinary Medical Association Annual Meeting, Roanoke, Virginia, February 2009.

DiGrassie W. Reproductive Challenges in the Mare. Southern States Advanced Equine Feed Master Program, Knoxville, Tennessee, February 2012

Awards

2025 Fellow of Veterinary Technician Educators

2024 Rising Star Award, Blue Ridge Community College

Service

Chair, Faculty/Instructional Affairs Commission, Virginia Community Colleges Association; 2024-Present

Search Committee, EMS faculty (Blue Ridge Community College); 2024

Search Committee Chair, Veterinary Technician (Blue Ridge Community College); 2024

Co-Advisor, Vet Tech Club (2024)

Veterinarian At-Large, Committee on Veterinary Technician Education and Activities, 2024-Present