

**Julie Barnes, DVM, MS**  
 Theriogenology Resident  
 Center for Conservation and Research of Endangered Wildlife (CREW)  
 Cincinnati Zoo & Botanical Garden, 3400 Vine Street, Cincinnati, OH 45200

**Education/Training**

Institution and Location	Degree	Year	Field of Study
University of Tennessee, Chattanooga, TN	B.S.	2013	Biology
University of Tennessee, Knoxville, TN	D.V.M.	2018	Veterinary Medicine
University of Cincinnati, Cincinnati, OH	M.S.	2022	Biology
Ohio State University/Washington State University Alternate Residency	DACT	Estimated 2025	Theriogenology

**Positions**

**CREW Theriogenology Resident** OSU/WSU Alternate Residency 2023-present  
**Domestic Cat Colony Veterinarian** CREW, Cincinnati OH 2019-present  
**Associate Veterinarian**, All Creatures Animal Hospital, Amelia, OH 2019-present  
**Contract Reproductive Veterinarian**, Breed All About It, Cincinnati OH 2022-present  
**Post-Doctoral Scientist**, CREW, Cincinnati, OH 2019-2023  
**Graduate Research**, University of Cincinnati 2019-2022  
**Associate Veterinarian**, Gentle Care Animal Hospital 2018-2019  
**Research Intern**, Leadership Program, Cornell University 2016  
**Research Intern**, STAR Program, UC Davis 2015  
**Conservation Research Intern**, Memphis Zoo 2013-2014

**Honors**

**Jerry Rains Memorial Abstract Competition 4<sup>th</sup> Place**, Theriogenology Annual Conference 2023  
**Kevin L. Brown Memorial Scholarship**, ACC&D's 6<sup>th</sup> International Symposium 2018  
**Harry and Carolyn Galbraith Scholarship**, University of Tennessee College of Veterinary Medicine 2015-2018  
**Witherspoon Sherrill Travel Educational Scholarship**, University of Tennessee College of Veterinary Medicine 2016  
**SGA Outstanding Senior Award**, University of Tennessee at Chattanooga 2013

**Academic Activities, Organizations, and Appointments**

**Key Opinion Leader**, Esaote Feline Ultrasonography 2023-present  
**Instructor**, Minitube Transcervical Training Course, Special Session for Felid Zoo Training 2021

## Publications

Vansandt LM, MC Meinsohn, P Godin, N Nagykerly, N Sicher, M Kano, A Kashiwagi, M Chauvin, HD Saatcioglu, **JL Barnes**, AG Miller, AK Thompson, HL Bateman, EM Donelan, R González, J Newsom, G Gao, PK Donahoe, D Wang, WF Swanson and D Pépin. **2023**. Durable contraception in the female domestic cat using viral-vectored delivery of a feline anti-Müllerian hormone transgene. *Nature Comm.* 14, 3140. <https://doi.org/10.1038/s41467-023-38721-0>

## Presentations

**Barnes J**, Vansandt LM. *Improving the art of semen banking in the Amur Leopard (Panthera pardus orientalis)*. Therio Conference, Birmingham, Alabama. Oral Presentation. **2023**

**Barnes, J**. *Natural cycles: understanding the normal in felid cytology, vaginal microflora, and salivary or serum hormones*. Felid TAG Annual Conference, Columbus, Ohio. Oral presentation. **2023**

**Barnes, J**. *Translating Transcervical*. Felid TAG Annual Conference, Oklahoma City, Oklahoma. Oral presentation. **2022**

**Barnes J**, Vansandt LM and Swanson W. *Low dose local infusion of dexmedetomidine and spermatic cord traction may improve sperm recovery with urethral catheterization in domestic cats*. International Symposium on Canine and Feline Reproduction, Milan, Italy. Oral presentation. **2022**

**Barnes J**, M Ledet, and G Van de Walle. Investigating the Effect of the Equine Epithelial Cell Secretome Component TIMP2 on Cell Viability in Triple Negative Human Breast Cancer. Cornell Leadership Presentation. Cornell University, Ithaca, NY. Oral presentation. **2016**

**Barnes J**, B Christensen, G Dujovne, C Renaudin, and C Scott. Reproductive assessment of fluphenazine on domestic stallions. Meril/NIH Conference, UC Davis, Davis, CA. Poster Presentation. **2015**.