

## Heidi Anne Brady, Ph.D.

Associate Professor  
Department of Animal Science and Food Technology  
Texas Tech University, Lubbock, Texas 79409-2141

---

	Degree	Year	Field of Study
University of Virginia	B.A.	1976	Biology
Pennsylvania State University	M.S.	1981	Animal Industries
Texas A&M University	Ph.D.	1992	Phys. of Reproduction Physiology

### A. Position and Honors

2002-present	Associate Professor, Department of Animal and Food Sciences, Texas Tech University
1995-2002	Assistant Professor, Department of Animal and Food Sciences, Texas Tech University.
1993-1995	Assistant Professor, Department of Animal Sciences, University of Illinois
1992-1993	Post-Doctoral Research Fellow, Department of Veterinary Anatomy and Public Health, Texas A&M University.

### Honors

- \* Tom Slick Graduate Research Fellowship, Texas A&M University
- \* Graduated Cum Laude, Pennsylvania State University
- \* Gamma Sigma Delta Honor Society of Agriculture
- \* Golden Key Honor Society
- \* Outstanding Teacher Award "Incomplete List of Teachers Ranked Excellent by their Students", University of Illinois.
- \* Outstanding Faculty Recognition, 1999 Delta Delta Delta, Texas Tech University
- \* Appointment to Higher Education Subcommittee; North American Riding for the Handicapped Association.

### B. Selected Peer Reviewed Publications (from total 19)

Blue, M.G., **H.A. Brady**, J.N. Davidson, and R.M. Kenney. 1982. Studies on the composition and antibacterial activity of uterine fluid from mares. *J. Reprod. Fertil.* 32 (suppl.): 143-149.

**Blue, H.B.**, M.G. Blue, R.M. Kenney, and T.L. Merritt. 1984. Chemotactic properties and protein of uterine fluid. *Am. J. Vet. Res.* 45(6):1205-1208.

- Sclabassi, R.J., M. Sun, L.M. Sekhar, J.F. Wasserman, and **H.B. Blue**. 1987. An acoustic aneurysm detector. *Med. Instrum.* 21(6):317-322.
- Sekhar, L.N., R.J. Sclabassi, M. Sun, **H.B. Blue**, and J.F. Wasserman. 1988. Intra-aneurysmal pressure measurements in experimental saccular aneurysms in dogs. *Stroke* 19(3):352-356.
- Brady, H.A.**, R.C. Burghardt, J.W. Evans, T.L. Blanchard, and D.D. Varner. 1992. Intercellular communication in mare endometrial epithelium isolated during estrus and diestrus. *J. Equine Vet. Science* 12(4):227-232.
- Brady, H.A.**, R.C. Burghardt, J.W. Evans, T.L. Blanchard, D.D. Varner, and J.E. Bruemmer. 1993. Model system for the study of uterine/trophoblast interactions in the mare. *J. Equine Vet. Science* 13(9):506-511.
- Brady, H.A.**, R.C. Burghardt, J.W. Evans, T.L. Blanchard, D.D. Varner, W.E. Day, K. Schwab, J.E. Bruemmer, B. Risek, and N.B. Guila. 1995. Gap junctional coupling and connexin expression in equine endometrial uterine glands. *Biol. Reprod. Mono.* 1:507-514.
- Johnson, N.N., **H.A. Brady**, C.S. Whisnant, and P.A. LaCasha. 1998. Effects of oral altrenogest on sexual/aggressive behavior and seminal parameters in young stallions. *J. Equine Vet. Sci* 18(4):249-253.
- Sixiang, Z., **H.A. Brady**, and W.L. Hurley. 1998. Composition of mammary gland secretions during the peripartum period in mares. *J. Equine Vet. Sci.* 18(2):184-189.
- LaCasha, P.A., **H.A. Brady**, V.G. Allen, C.R. Richardson, and K.R. Pond. 1999. Voluntary intake, digestibility, and subsequent preference of Matua prairie grass, coastal bermudagrass, and alfalfa hay by yearling horses. *J. Anim. Sci.* 77:2766-2773.
- Heninger, N.L., **H.A. Brady**, S.D. Prien, A.D. Herring, K.A. Guay, and L.A. Janecka. 2001. The effects of oral altrenogest on hormonal, testicular, and behavioural profiles of two-year-old stallions. *Professional Animal Scientist* 17:75-80.
- Vartorella, H.A., **H.A. Brady**, A.D. Herring, and S.D. Prien. 2001. The effects of an intermittent regiment of altrenogest on behavioral, hormonal, and testicular parameters of three-year-old stallions. *Professional Animal Scientist*: 17:317-321.
- J.E. Brummer, **H.A. Brady**, and T.L. Blanchard. 2002. Uterine involution, day and variance of first postpartum ovulation in mares treated with progesterone and estradio-17b for one or two days postpartum. *Theriogenology*:57(2):989-995.
- Breazeale, K., **H.A. Brady**, M. Bi, S Uppuluri, L.D. Thompson, and D.M. Hardy. Biochemical properties and localization of zonadhesin in equine spermatozoa. 2002. *Theriogenology* 58:359-362.
- Guay, K.A., **H.A. Brady**, V.G. Allen, K.R. Pond, D.B. Wester, L.A. Janecka, and N.L. Heninger. 2002. Matua bromegrass hay for mares in gestation and lactation. *J. Anim. Sci.* 80:2960-2966.

