



Bruce W. Christensen, DVM, MS, DACT

Selected Peer-reviewed Publications

- **Christensen, BW** and Meyers S. Semen evaluation and processing. *Vet Clin Small Anim Pract.* 2023. *In preparation*
- **Christensen, BW.** Canine prostate disease. *Vet Clin Small Anim Pract.* 2018 Jul;48(4):701-719.
- Fuente-Lara A, Hesser A, **Christensen BW**, Gonzales K, Meyers S. Effects from aging on semen quality of fresh and cryopreserved semen in Labrador Retrievers. *Theriogenology.* 2019 Jul 1;132:164-171.
- Hesser A, Darr C, Gonzales K, Power H, Scanlan T, Tompson J, Love C, **Christensen B**, Meyers S. Semen evaluation and fertility assessment in a purebred dog breeding facility. *Theriogenology.* 2019 Jan 1; 87:115-123.
- Swift LA, **Christensen BW**, Samocha MB, le Jeune SS, Millares-Ramirez EM, Dujovne GA. Randomized comparative trial of acupuncture and exercise versus uterine ecbolics in the treatment of persistent postbreeding endometritis in mares. *J Equine Vet Sci.* 2020 Mar;86:102821.
- Mech LD, **Christensen BW**, Asa CS, Callahan M, Young JK. Production of hybrids between western gray wolves and western coyotes. *PLoS One.* 2014 9(2):e88861.
- **Christensen BW**, Asa CS, Wang C, Bauman K, Agnew MK, Lorton SP, Callahan M. Kinematic activity of gray wolf (*Canis lupus*) sperm in different extenders, added before or after centrifugation. *Theriogenology.* 2013, 79(6):953-60.
- **Christensen BW.** Disorders of sexual development in dogs and cats. *Vet Clin North Am Small Anim Pract,* 2012 May;42(3):515-526.
- **Christensen BW**, Schlafer DH, Agnew, DW, Asa CS. Diagnostic value of transcervical endometrial biopsies in domestic dogs compared to full thickness uterine sections. *Reproduction in Domestic Animals.* 2012;47(Suppl.6):1-5.
- **Christensen BW.** Treatment of prostatic disease. *Clinical Theriogenology.* 2011, 3(3):233-243.
- **Christensen BW.** The physiology of ovulation timing in the bitch. *Clinical Theriogenology.* 2011, 3(3):206-220.
- **Christensen BW**, Asa CS, Wang C, VanSandt L, Bauman K, Callahan M, Ellinwood NM, Jens JK. Effect of semen collection method on sperm motility of gray wolves (*Canis lupus*) and domestic dogs (*C. l. familiaris*). *Theriogenology.* 2011, 76(5):975-980.
- **Christensen BW**, Troedsson MHT, Young LJ, Oliva M, Penfold LM. Effects of sociosexual environment on serum testosterone in captive male African rhinoceros. *Theriogenology* 2009, 71(7):1105-11.
- **Christensen BW**, Ernst N, Powe JR, Pozor MA, Milton AJ, Reinhard MK. Bilateral seminoma in a stallion. *JAVMA* 2007, 231(4):531-534.
- **Christensen BW**, Troedsson MHT, Roberts JF, Pozor MA, Eichelberger AC. High-risk equine pregnancy with vaginal varicose vein hemorrhage and noncardioform placentitis. *JAVMA* 2006, 228 (10):1507-1510.
- **Christensen BW**, Roberts JF, Pozor MA, Giguere S, Sells SF, Donahue JM. Nocardioform placentitis with isolation of *Amycolatopsis* sp. in a Florida-bred mare. *JAVMA* 2006 228 (8): 1234-1239.
- **Christensen BW**, Troedson MHT, Murchie TA, Pozor MA, Macpherson ML, Estrada AH, Carrillo NA, Mackay RJ, Roberts GD, Langlois J. Management of hydrous amnion in a Thoroughbred mare resulting in successful foaling. *JAVMA* 2006, 228 (8):1228-1233.
- **Christensen BW**, Troedsson MHT, Oliva M, Penfold LM. Effects of age and season on serum testosterone of captive male African rhinoceros. (In prep).



Online Publications

- **Christensen BW**. October 24, 2023. Uncovering Discrepancies in Neonatal Incubator Temperatures: A Theriogenologist's Insight. Veterinary Vertex Podcast. *Journal of the American Veterinary Medical Association*. <https://www.buzzsprout.com/2047448/13830161>
- **Christensen BW** and Erb HN. "An Investigation of the Discrepancy between Set and Actual Temperature of Neonatal Incubators: Concern for Hypothermia and Hyperthermia." *AVMA, Journal of the American Veterinary Medical Association*, 27 Sept. 2023. <https://avmajournals.avma.org/view/journals/javma/aop/javma.23.07.0382/javma.23.07.0382.xml>

Selected Abstracts

- **Christensen BW**, Asa CS, Wang C, Young JK. Use of a deslorelin implant to induce estrus in coyotes (*Canis latrans*). International Congress on Animal Reproduction. Vancouver, British Columbia. July 29-August 1, 2012.
- **Christensen BW**, Wang C, Penfold LM. Developing a cooled semen protocol for captive breeding of Somali wild ass (*Equus africanus somaliensis*). 7th Biennial Meeting of the Association for Applied Animal Andrology, August 28-29, 2010, Sydney, Australia, 2010.
- **Christensen BW**, Wang C, Citino S, Penfold LM. Developing a cooled semen protocol for captive breeding of okapi (*Okapia johnstoni*). 7th Biennial Meeting of the Association for Applied Animal Andrology, August 28-29, 2010, Sydney, Australia, 2010.
- **Christensen BW**, Bauman K, Junge R, VanSant L, Lorton S, Wang C, Asa CS. Semen cryopreservation and transcervical insemination in the Mexican gray wolf (*Canis lupus baileyi*). Annual meeting of the American Association of Zoo Veterinarians, October 23-29, 2010, South Padre Island, Texas, 2010.
- **Christensen BW**, Troedsson MHT, Oliva M, Hernandez J, Macpherson ML, Pozor MA, Penfold LM. 2004. Influences of age, time of year, and female presence on serum testosterone concentration in captive black rhinoceros (*Diceros bicornis*). 2004. Annual meeting of the American Association of Zoo Veterinarians, San Diego, CA, August 28-September 3, 2004.
- **Christensen BW**, Oliva M, Andra K, Penfold L. 2003. Non-invasive monitoring of stress in non-pregnant and pregnant okapi (*Okapia johnstoni*). Annual meeting of the American Association of Zoo Veterinarians, Minneapolis, MN, October 4-10, 2003.

Book Chapters

- **Christensen BW**. Estrogens *in* Equine Reproduction, 2nd edition. AO McKinnon, EL Squires, WE Vaala, and DD Varner, eds. 2011; pp1631-1636. Wiley-Blackwell. West Sussex, UK
- **Christensen, BW and Meyers-Wallen VN**. Sex determination and differentiation *in* Equine Reproduction, 2nd edition. AO McKinnon, EL Squires, WE Vaala, and DD Varner, eds. 2011; pp 2211-2221. Wiley-Blackwell. West Sussex, UK
- **Christensen BW**. Parturition *in* Equine Reproduction, 2nd edition. AO McKinnon, EL Squires, WE Vaala, and DD Varner, eds. 2011; pp 2268-2276. Wiley-Blackwell. West Sussex, UK
- Troedsson MHT, **Christensen BW**, consulting eds. Alterations in sexual function *in* Large Animal Medicine, 4th edition. BP Smith, ed. 2009; pp 194-216.
- Troedsson MHT, **Christensen BW**, consulting eds. Diseases of the reproductive system *in* Large Animal Medicine, 4th edition. BP Smith, ed. 2009; pp 1419-1484.

Peer reviewer

- Plumb's Veterinary Drugs
- Journal of the American Veterinary Medical Association
- Clinician's Brief
- Basic and Clinical Andrology
- Journal of Zoo and Wildlife Medicine



- Animals
- Animal Reproduction Science
- Theriogenology
- Clinical Theriogenology

Awards

- ISU SCAVMA Teaching Excellence Award in Clinical Sciences, Iowa State University, 2008-09
- First place in Dr. Jerry Rains Memorial Abstract Competition for residents and graduate students at 2004 Theriogenology Conference.
- First place in Safe-Capture International Inc. 2004 American Association of Zoo Veterinarians poster competition, conservation section.

Memberships

- American College of Theriogenologists
- American Veterinary Medical Association
- American Association of Equine Practitioners
- California Veterinary Medical Association
- Sacramento Valley Veterinary Medical Association
- European Veterinary Society for Small Animal Reproduction
- Ducks Unlimited
- Pheasants Forever
- California Waterfowl Association
- Capital Public Radio

