

CURRICULUM VITAE

TODD E. CORNISH DVM, PhD, DACVP

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PROFESSIONAL EMPLOYMENT

Associate Professor and tenure. Veterinary Pathologist, 2004 - to date
Department of Veterinary Sciences, Wyoming State Veterinary Laboratory,
University of Wyoming, Laramie, Wyoming

Assistant Professor. Veterinary Pathologist, 1999 • 2004
Department of Veterinary Sciences, Wyoming State Veterinary Laboratory,
University of Wyoming, Laramie, Wyoming

Resident Pathologist, 1997 • 1999
Athens Diagnostic Laboratory, College of Veterinary Medicine, University of
Georgia, Athens, Georgia

Wildlife Diagnostician, 1996 • 1999
Southeastern Cooperative Wildlife Disease Study, College of Veterinary
Medicine, University of Georgia, Athens, Georgia

EDUCATION

Ph.D., Veterinary Pathology, 1999
Department of Pathology, College of Veterinary Medicine, University of Georgia,
Athens, Georgia

**Diplomate, American College of Veterinary Pathologists (Anatomic
Pathology), 1998**

Resident in Anatomic Pathology, 1994 • 1996
College of Veterinary Medicine, North Carolina State University, Raleigh, North
Carolina

D.V.M., 1994

University of California, Davis, School of Veterinary Medicine, Davis, California

B.S., Zoology, 1990

University of California, Davis, California

PROFESSIONAL ORGANIZATIONS and HONORARIES

American Veterinary Medical Association

The Wildlife Society

Wildlife Disease Association

American Association of Wildlife Veterinarians

American Association of Veterinary Laboratory Diagnosticians

American College of Veterinary Pathologists

Society of Tropical Veterinary Medicine

Charles Louis Davis Foundation

Phi Zeta Honorary Veterinary Society

Gamma Sigma Delta Honor Society of Agriculture

PROFESSIONAL (VETERINARY) LICENSURE

California

Wyoming

JOURNAL ARTICLES (IN PRINT OR ACCEPTED)

- Cornish TE**, AL van Olphen, JL Cavender, JM Edwards, PT Jaeger, LL Vieyra, LF Woodard, DR Miller, D O探oole. 2005. Comparison of ear notch immunohistochemistry, ear notch antigen capture ELISA, and buffy coat virus isolation for detection of calves persistently infected with bovine viral diarrhea virus. *Journal of Veterinary Diagnostic Investigation*
- Walker BL, DE Naugle, KE Doherty, **TE Cornish**. 2004. From the Field: Outbreak of West Nile virus in greater sage-grouse and guidelines for monitoring, handling, and submitting dead birds. *Wildlife Society Bulletin* 32: 1000-1006.
- Naugle DE, CL Aldridge, BL Walker, **TE Cornish**, BJ Moynahan, MJ Holloran, K Brown, GD Johnson, ET Schmidtman, RT Mayer, CY Kato, MR Matchett, TJ Christiansen, WE Cook, T Creekmore, RD Falise, ET Rinke, MS Boyce. 2004. West Nile virus: pending crisis for greater sage-grouse. *Ecology Letters* 7: 704-713.
- Kreeger TJ, WE Cook, WH Edwards, **T Cornish**. 2004. Brucellosis in captive Rocky Mountain bighorn sheep (*Ovis canadensis*) caused by *Brucella abortus* Biovar 4. *Journal of Wildlife Diseases* 40: 311-315.
- Cornish TE**, MJ Linders, SE Little, M. Vander Heagen. 2001. Notoedric mange in western gray squirrels from Washington. *Journal of Wildlife Diseases* 37: 630-633.

- Cornish TE**, DE Stallknecht, CC Brown, BS Seal, EW Howerth. 2001. The pathogenesis of experimental vesicular stomatitis virus (New Jersey serotype) infection in the deer mouse (*Peromyscus maniculatus*). *Veterinary Pathology* 38: 396-406.
- McFarlane D, J Guy, **TE Cornish**. 1998. Immunoperoxidase in formalin-fixed tissues to diagnose eastern equine encephalomyelitis. *Compendium of Continuing Education* 20: 373-376.
- Young EA, **TE Cornish**, SE Little. 1998. Concomitant mycotic and verminous pneumonia in a blue jay from Georgia. *Journal of Wildlife Diseases* 34: 625-628.
- Tocidlowski ME, **TE Cornish**, MR Loomis, M K Stoskopf. 1997. Mortality in captive wild-caught horned puffin chicks (*Fratercula corniculata*). *Journal of Zoo and Wildlife Medicine* 28: 298-306.
- Mashima TY, **TE Cornish**, GA Lewbart. 1997. Amyloidosis in a Jack Dempsey cichlid (*Cichlasoma biocellatum* Regan). *Journal of Fish Diseases* 20: 73-76.
- Cook W E, **TE Cornish**, M Collins, B Lasley. 1997. Radiometric culture of *Mycobacterium avium paratuberculosis* from the feces of tule elk. *Journal of Wildlife Diseases* 33: 635-637.
- Powers LV, LA Degernes, G Starrak, J Douglass, **T Cornish**. 1996. Egg yolk peritonitis and salpingitis in a budgerigar (*Melopsittacus undulatus*). *Journal of Avian Medicine and Surgery* 10: 126-129.

POPULAR ARTICLES

- Cornish T**, T Creekmore. 2003. **Tracking a killer: the search for West Nile virus in Wyoming** (Editorial award article). *Reflections Magazine*, College of Agriculture, University of Wyoming, pp. 4-7.
- Cornish T**. 2002. **Equine herpesvirus strikes Wyoming horses**. *Reflections Magazine*, College of Agriculture, University of Wyoming, pp. 10-11
- Galey FD, D O探oole, **T Cornish**, L Woodard. 2001. **Immunohistochemistry: An important new tool for animal disease diagnosis**. *Reflections Magazine*, College of Agriculture, University of Wyoming, pp. 10-11.

RECENT PRESENTATIONS AND INVITED SEMINARS

- Cornish TE**, WE Cook, TE Creekmore, TJ Christiansen, BL Walker, DE Naugle. Experimental West Nile virus infection in greater sage-grouse. United States Animal Health Association Annual Meeting, Greensboro, NC, 2004.
- Letchworth GJ, C Jimenez, M Herrero, **TE Cornish**, WC Wilson, G Smoglia, S Pauszek, C Dornak, M George, LL Rodriguez. Validation of a Real-Time RT-PCR for Vesicular Stomatitis Virus. American Association of Veterinary Laboratory Diagnosticians Annual Meeting, Greensboro, NC, 2004.
- Cook WE, MF Raisbeck, **TE Cornish**, ES Williams, B Brown, G Hiatt. Paresis and death in elk (*Cervus elaphus*) due to lichen intoxication in south central Wyoming. American Association of Veterinary Laboratory Diagnosticians Annual Meeting, Greensboro, NC, 2004.

- Cornish T**, T Creekmore, W Cook, T Christiansen, G Johnson, E Schmidtman, B Walker, D Naugle. West Nile virus in the PRB • implications for CBNG development. Buffalo Coalbed Natural Gas Education Fair, Buffalo, WY, 2004.
- Cornish T**, W Cook, T Creekmore, E Williams, D Naugle, B Walker, T Christiansen, G Johnson, E Schmidtman, K Doherty, T Rinkes, R Falise. West Nile virus in the Powder River Basin. First Annual Coalbed Natural Gas Research, Monitoring, and Applications Conference, Laramie, WY, 2004.
- Cornish T**, W Cook, T Creekmore, B Walker, D Naugle, T Christiansen, T Rinkes. West Nile virus in Wyoming, including Sage Grouse. Wildlife/Livestock Disease Workshop, Wyoming Wildlife/Livestock Disease Research Partnership, Casper, WY, 2004.
- Cornish T**, W Cook, T Creekmore, B Walker, D Naugle, C Aldridge, T Christiansen. West Nile virus • natural and experimental infections in greater sage-grouse. West Nile Virus Working Group, Fort Collins, CO, 2004.
- Cornish T**, W Cook, E Williams, T Thorne, T Kreeger. Brucellosis in Wyoming, cattle and wildlife. Cooperative Extension Service/Agricultural Fair, Worland, WY, 2004.
- Cornish T**. West Nile virus in Wyoming. Rotary/Elks Clubs, Wheatland, WY, 2004.
- Cornish T**. West Nile virus, effects on native birds. Audubon Club, Laramie, WY, 2004.
- Cornish T**, T Creekmore. West Nile virus in the Thunder Basin National Grassland, implications for human and animal health. Casper, WY, 2004.
- Cornish T**. West Nile virus • how to protect yourself. Eppson Senior Center, Laramie, WY, 2004.
- Cook WE, **TE Cornish**, ES Williams, TJ Kreeger, B Brown, G Hiatt, MF Raisbeck. Paresis and death in elk (*Cervus elaphus*) due to presumptive lichen toxicosis in the Red Rim habitat area of south central Wyoming. Wildlife Disease Association Annual Meeting, San Diego, CA, 2004.
- Cornish TE**, WE Cook, TE Creekmore, ES Williams, DE Naugle, BL Walker, CL Aldridge, TK Bollinger, MJ Pybus, TJ Christiansen. Fatal West Nile virus infection in free-ranging greater sage-grouse (*Centrocercus urophasianus*) in Wyoming, Montana, and Alberta. Wildlife Disease Association Annual Meeting, San Diego, CA, 2004.
- Walker B, D Naugle, C Aldridge, **T Cornish**, B Moynahan, M Halloran, K Brown, G Johnson, E Schmidtman, R Mayer, C Kato, M Matchett, T Christiansen, W Cook, T Creekmore, M Boyce, R Falise, ET Rinkes. West Nile virus: an emerging issue in sage-grouse conservation. The Wildlife Society, 11th Annual Conference, Calgary, AB, 2004.
- Cornish T**, D O探oole, S Kerr. Foreign body peritonitis. Wyoming Veterinary Medical Association Annual Meeting, Jackson, WY, 2004.
- Cornish T**, D O探oole, M Driscoll. Parasitic tracheitis in a dog. Wyoming Veterinary Medical Association Annual Meeting, Jackson, WY, 2004.
- Cornish T**, T Creekmore, E Williams. West Nile virus update. Wyoming Veterinary Medical Association Annual Meeting, Jackson, WY, 2004.

Cook W, **T Cornish**, E Williams, B Brown, G Hiatt, T Kreeger. Lichen toxicosis in elk.
Wyoming Veterinary Medical Association Annual Meeting, Jackson, WY, 2004.