

# **Gilbert Reed Holyoak DVM MS PhD Diplomate ACT**

Oklahoma State University

## **Education**

- Diplomate American College Theriogenologists 2000
- PhD Infectious Diseases University Kentucky 1992
- DVM Washington State University 1988
- MS Brigham Young University 1984
- BS Brigham Young University 1983

## **Professional Activities**

- Professor, 2016 - present, Veterinary Clinical Sciences Department, Oklahoma State University
- Adjunct Professor, 2014 - present, Faculty, School of International Studies
- Professor & Head, 2012 – 2016 Veterinary Clinical Sciences Department, Oklahoma State University
- Professor, 2009 - 2012, Oklahoma State University; Veterinary Clinical Sciences Department
- Bullock Endowed Professorship, 9/2001 - present, Oklahoma State University; Center for Veterinary Health Sciences
- Associate Professor, 2001 - 2009, Oklahoma State University; Veterinary Clinical Sciences Department
- Veterinary Medical Officer, 6/19 - 7/19, 2003, USDA Exotic Newcastle Disease Task Force, Garden Grove, CA. Strike Team Leader
- Assistant Professor, 1999 - 2001, Oklahoma State University; Veterinary Clinical Sciences Department
- Assistant Professor, 1993 - 1999, Utah State University; Animal, Dairy and Veterinary Sciences Department

## **Scientific Organizations**

- American College of Theriogenologists, Diplomate – 2000
- Society of Theriogenology - member 1993 – present
- Ad Hoc reviewer – Journal of the American Veterinary Medical Association, 1999 - present
- Ad Hoc reviewer – Journal of Theriogenology, 2002 – present
- Ad Hoc reviewer – Journal of Equine Veterinary Science, 2002 - present
- Ad Hoc reviewer – OIE Scientific and Technical Review, 2010 - present
- American Association of Equine Practitioners, member 1988 - present
- American Veterinary Medical Association - member 1988 – present
- Oklahoma Veterinary Medical Association – member - 2006 - present

## **Professional Organizations**

- Associate Editor, Basic Science & Research, American Journal of Traditional Chinese Veterinary Medicine, 2013-present; Ad hoc reviewer – AJTCVM, 2010 - present
- American Association of Traditional Chinese Veterinary Medicine, member 2012 - present

## **Honors**

- Visiting Professorship, 5/2015 – 7/2018 College of Life Sciences, Foshan University, Foshan, Guangzhou, PR China
- U.S.U. College of Agriculture, Teacher of the Quarter, Fall 1996.
- U.S.U. College of Agriculture, Teacher of the Quarter, Fall 1993.
- Academic Fellowship, University of Kentucky, 1989-1990, 1990-1991.
- Senior Veterinary Student Scholarship, Washington State University, 1988.

#### Offices held

- American College of Theriogenologists  
Board of Directors, Vice President 2016-7  
Board of Directors, Secretary 2013-2016  
Examination Committee 2005 – 2011; Chair – 2010  
Trichomoniasis ad hoc committee 2010 - 2013
- American Association of Equine Practitioners  
Table Topics Chair 2008,9,10 (Equine Viral Arteritis)

#### Research Activities

Oklahoma State University, current research projects include: microbiomics and infectious diseases affecting reproduction; mustang contraceptives, embryo-pathogen/toxin interactions with equine arteritis virus and others; embryo transfer in large animal species including food animals and equine.

#### Bibliography (Selected)

- Holyoak GR. Equine Viral Arteritis. IN: Techniques for Equine Reproduction. 5<sup>th</sup> Ed. Eds. McCue P. and Stout T. Saunders Elsevier, St. Louis, MO. 2015.
- Holyoak GR. Venereal diseases in the stallion: Bacteria. IN: Veterinary Clinical Advisor. Ed. Wilson DA. Saunders Elsevier, St. Louis, MO. 2011, pp. 633-635.
- Holyoak GR. Venereal diseases in the stallion: Protozoa. IN: Veterinary Clinical Advisor. Ed. Wilson DA. Saunders Elsevier, St. Louis, MO. 2011, pp. 635-636.
- Holyoak GR. Venereal diseases in the stallion: Coital Exanthema. IN: Veterinary Clinical Advisor. Ed. Wilson DA. Saunders Elsevier, St. Louis, MO. 2011, pp. 636-637.
- Liu CM, Holyoak GR, Lin CT. Acupuncture combined with Chinese herbs for the treatment in hemivertebral French bulldogs with emergent paraparesis. *Journal of Traditional and Complementary Medicine*. Available online 11 December 2015; 2016 Oct; 6(4): 409–412; 2016.
- Memon MA, Shmalberg J, Adair HS 3<sup>rd</sup>, Allweiler S, Bryan JN, Cantwell S, Carr E, Chrisman C, Egger CM, Greene S, Haussler KK, Hershey B, Holyoak GR, Johnson M, Jeune S Le, Looney A, McConnico RS, Medina C, Morton AJ, Munsterman A, Nie GJ, Park N, Parsons-Doherty M, Perdrizet JA, Peyton JL, Raditic D, Ramirez HP, Saik J, Robertson S, Sleeper M, Van Dyke J, Wakshlag J. Integrative veterinary medical education and consensus guidelines for an integrative veterinary medicine curriculum within veterinary colleges. *Open veterinary journal*, 6:44-56, Published:2016 (Epub 2016 Mar 28)
- Piao D, Sultana N, Holyoak GR, Ritchey JW, Wall CR, Murray J, Bartels KE. In vivo percutaneous single fiber spectroscopy of fatty changes of livers in a rat model of diet-induced hepatic steatosis. *Journal of Biomedical Optics*, 20 (11) Article Number: 117002, DOI: 10.1117/1.JBO.20.11.117002, NOV 2015.
- Holyoak GR, Lyman CC, Balasuriya UBR. Equine Viral Arteritis – an Update. (*Invited Review*) *Clinical Theriogenology*, 6:321-327, 2014.
- Piao D, Bartels KE, Postier RG, Holyoak GR, Ritchey JW. Toward transduodenal diffuse optical tomography of proximal pancreas. *Optics Letters*, 38, 4142-4145, 2013.