



## David Bentzel, VMD, MPH

Clinical Professor, Comparative Medicine

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### Bio

#### ACADEMIC APPOINTMENTS

- Clinical Professor, Comparative Medicine

#### ADMINISTRATIVE APPOINTMENTS

- Associate Director, Veterinary Service Center, Comparative Medicine Department, (2019- present)
- Director, Animal Biosafety Level-3 Facility, Comparative Medicine Department, (2023- present)
- Director, Laboratory Animal Medicine Residency Program, Comparative Medicine Department, (2023- present)
- Director, Diagnostic Laboratory, Comparative Medicine Department, (2019-2023)

#### HONORS AND AWARDS

- Laboratory Animal Medicine Consultant to the U.S. Army Surgeon General, U.S. Army Surgeon General (2017)
- U.S. Army Surgeon General's "A" Proficiency Designator, U.S. Army Surgeon General (2016)
- Order of Military Medical Merit, U.S. Army Medical Department (2016)

#### BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Faculty Fellow, Stanford Center for Innovation in Global Health (2019 - present)
- Council on Accreditation, AAALAC, International (2018 - present)
- Committee Member, ACLAM/ASLAP Program Committee (2015 - 2018)
- Certified Professional in IACUC Administration, PRIM&R (2012 - present)
- Chairman, ACLAM Exam Resources Committee (2012 - 2013)
- Ad hoc Specialist, AAALAC, International (2011 - 2018)
- Committee Member, ACLAM Exam Resources Committee (2010 - 2013)
- Diplomate, American College of Laboratory Animal Medicine (2005 - present)
- Member, American Association for Laboratory Animal Science (2005 - present)
- Diplomate, American College of Veterinary Preventive Medicine (2003 - present)

#### PROFESSIONAL EDUCATION

- MSS, U.S. Army War College , Strategic Studies (2014)
- MPH, Uniformed Services University of the Health Sciences , Public Health (2003)
- VMD, University of Pennsylvania School of Veterinary Medicine , Veterinary Medicine (1996)

- BS, The Pennsylvania State University , Animal Bioscience (1992)

## COMMUNITY AND INTERNATIONAL WORK

- Peru Earthquake Disaster Response Team (2007), Ica Region, Peru

## Teaching

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### COURSES

#### 2023-24

- How to Avoid the Walking Dead: Understanding Biosafety: COMPMED 182 (Sum)
- Wielding White Coat Words: Introduction to Comparative Medical Terminology: COMPMED 114 (Win)

#### 2022-23

- How to Avoid the Walking Dead: Understanding Biosafety: COMPMED 182 (Sum)
- Wielding White Coat Words: Introduction to Comparative Medical Terminology: COMPMED 114 (Win)

#### 2021-22

- How to Avoid the Walking Dead: Understanding Biosafety: COMPMED 182 (Sum)
- Wielding White Coat Words: Introduction to Comparative Medical Terminology: COMPMED 114 (Win)

## Publications

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### PUBLICATIONS

- **Effect of Home Cage Bedding in the Induction Chamber on Serum Cortisol and Corticosterone Levels in Response to Isoflurane-induced Anesthesia in C57BL/6J Mice.** *Journal of the American Association for Laboratory Animal Science : JAALAS*  
Reiter, C. P., Christy, A. C., Olsen, C. H., Bentzel, D. E.  
2017; 56 (2): 118-121
- **Evaluation of Consumption of Self-Administered Acetaminophen in Drinking Water and Two Gel Delivery Systems in C57BL/6 Mice.** *Internet Journal of Veterinary Medicine*  
Brunell, M. K., Olsen, C. H., Christy, A. C., Maxwell, B. M., Bentzel, D. E.  
2017; 14 (1): 1 - 11
- **Comparison of Digital Rectal and Microchip Transponder Thermometry in Ferrets (*Mustela putorius furo*).** *Journal of the American Association for Laboratory Animal Science : JAALAS*  
Maxwell, B. M., Brunell, M. K., Olsen, C. H., Bentzel, D. E.  
2016; 55 (3): 331-5
- **Susceptibility and lack of evidence for a viremic state of rabies in the night owl monkey, *Aotus nancymae*.** *Virology journal*  
Reaves, E. J., Salmón-Mulanovich, G., Guevara, C., Kochel, T. J., Steinbach, T. J., Bentzel, D. E., Montgomery, J. M.  
2012; 9: 95
- **Epidemiology of spotted fever group and typhus group rickettsial infection in the Amazon basin of Peru.** *The American journal of tropical medicine and hygiene*  
Forshey, B. M., Stewart, A., Morrison, A. C., Gálvez, H., Rocha, C., Astete, H., Eza, D., Chen, H. W., Chao, C. C., Montgomery, J. M., Bentzel, D. E., Ching, W. M., Kochel, et al  
2010; 82 (4): 683-90
- **Cutaneous lesions in a pig. Diagnosis: Porcine juvenile pustular psoriaform dermatitis.** *Lab animal*  
Bentzel, D., Betterton, L., Carroll, E. E.  
2009; 38 (10): 319-21
- **Capsule polysaccharide conjugate vaccine against diarrheal disease caused by *Campylobacter jejuni*.** *Infection and immunity*  
Monteiro, M. A., Baqar, S., Hall, E. R., Chen, Y. H., Porter, C. K., Bentzel, D. E., Applebee, L., Guerry, P.  
2009; 77 (3): 1128-36

- **Rapid response to a case of mumps: implications for preventing transmission at a medical research facility.** *Salud publica de Mexico*  
Salmón-Mulanovich, G., Utz, G., Lescano, A. G., Bentzel, D. E., Blazes, D. L.  
2008; 51 (1): 34-8
- **Susceptibility of owl monkeys (*Aotus nancymae*) to experimental infection with *Bartonella bacilliformis*.** *Comparative medicine*  
Bentzel, D. E., Espinosa, B. J., Canal, E., Blazes, D. L., Hall, E. R.  
2008; 58 (1): 76-80
- **Evaluation of two fecal examination techniques for detection of *Trypanoxyuris* spp. infection in owl monkeys (*Aotus nancymae*).** *Journal of the American Association for Laboratory Animal Science : JAALAS*  
Bentzel, D. E., Lescano, A. G., Lucas, C., Bacon, D. J.  
2007; 46 (5): 50-3
- **Comparison of various anthelmintic therapies for the treatment of *Trypanoxyuris* microon infection in owl monkeys (*Aotus nancymae*).** *Comparative medicine*  
Bentzel, D. E., Bacon, D. J.  
2007; 57 (2): 206-9
- **Antimicrobial therapies for pulmonary *Klebsiella pneumoniae* infection in B6D2F1/J mice immunocompromised by use of sublethal irradiation.** *Comparative medicine*  
Bentzel, D. E., Elliott, T. B., Keller, C. E., Brook, I., Shoemaker, M. O., Knudson, G. B.  
2004; 54 (2): 185-92
- **Susceptibility of irradiated B6D2F1/J mice to *Klebsiella pneumoniae* administered intratracheally: a pulmonary infection model in an immunocompromised host.** *Comparative medicine*  
Keller, C. E., Elliott, T. B., Bentzel, D. E., Mog, S. R., Shoemaker, M. O., Knudson, G. B.  
2003; 53 (4): 397-403
- **Responsibilities of a veterinary augmentation package in support of a contingency operation.** *Military medicine*  
Bentzel, D. E., Moloff, A. L.  
2000; 165 (7): 533-5