



David Bentzel, VMD, MPH

Clinical Professor, Comparative Medicine

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

COURSES

2025-26

- How to Avoid the Walking Dead: Understanding Biosafety: COMPMED 182 (Sum)
- Laboratory Animal Medicine Seminar: COMPMED 209 (Aut, Win, Spr)
- Wielding White Coat Words: Introduction to Comparative Medical Terminology: COMPMED 114 (Win)

2024-25

- How to Avoid the Walking Dead: Understanding Biosafety: COMPMED 182 (Sum)
- Laboratory Animal Medicine Seminar: COMPMED 209 (Win, Spr)
- Wielding White Coat Words: Introduction to Comparative Medical Terminology: COMPMED 114 (Win)

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)

STANFORD ADVISEES

Postdoctoral Faculty Sponsor

Tyler Lavender, Nazleen Mohseni, Heidi Nam, Marielle Rikkelman, Sophie Russell, Kelly Symmes, Milaan Waters

Postdoctoral Research Mentor

Tyler Lavender, Sophie Russell

Publications

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