

## **Radford G. Davis, DVM, MPH, Diplomate ACVPM**

### **Education & certification**

- Master of Public Health – University of Arizona (19970)
- Doctor of Veterinary Medicine – Colorado State University (1991)
- Undergraduate – Weber State University (1984-1987)
- Diplomate American College of Veterinary Preventive Medicine (2002)

### **Positions**

- Associate Professor of Public Health, Dept. of Veterinary Microbiology and Preventive Medicine, College of Veterinary Medicine Iowa State University, Ames, IA (2007-present).
- Adjunct Associate Professor, Des Moines University, College of Health Sciences, 2008-present.
- Veterinary/One Health consultant. Food and Agriculture Organization of the UN. Washington, D.C. (2010).
- Assistant Professor of Public Health, Dept. of Veterinary Microbiology and Preventive Medicine, College of Veterinary Medicine Iowa State University, Ames, IA (2001-2007).
- Instructor, Center for Homeland Defense and Security, Naval Postgraduate School, Monterey, CA (2004-2005).
- Assistant Director, Center for Food Security and Public Health, Dept. of Veterinary Microbiology and Preventive Medicine, College of Veterinary Medicine, Iowa State University, Ames, IA (2002-2005).
- Adjunct Assistant Professor of Public Health, Dept. of Veterinary Microbiology and Preventive Medicine, College of Veterinary Medicine Iowa State University, Ames, IA (1998-2001).
- Graduate Research Associate in Pathobiology, Dept. of Veterinary Science and Microbiology, University of Arizona, Tucson, AZ (1995-1997).
- Practicing veterinarian, Tucson, AZ (1991-1998).

### **Consulting**

- Subject matter expert for Germany's Organisation for Technical Cooperation (GTZ) for the Community Animal Health Worker Program. (2013-present)
- Subject matter expert to Hill's Pet Nutrition on biosecurity and infection prevention in their clinical trial animal facilities, Topeka, KS. (2012)
- Consultant to the government of Sierra Leone, Ministry of Agriculture, Forestry, and Food Security, and consultant to Germany's Organisation for Technical Cooperation (GTZ) on Community Animal Health Worker programs and training for CAHWs in Sierra Leone. Ongoing consulting. (2011-2012)
- Food and Agriculture Organization of the UN, Subject Matter Expert on veterinary and public health issues, Washington, D.C., Rome, Italy. Consultant on rabies and training of veterinary paraprofessionals, Sierra Leone, Africa (2010).
- Subject Matter Expert on zoonoses and public health to Veterinary Information Network for the international veterinary community. <http://www.vin.com> (2007-present).
- Consultant on veterinary and public health issues for Gerson Lehrman Group, NY (2005-present).
- Subject Matter Expert on agroterrorism, veterinary emergency response and public health for the Mobile Education Team, Center for Homeland Defense and Security, Naval Postgraduate School, Monterey, CA (2004-2012).
- Consultant to Innovative Emergency Management (IEM), Inc., Baton Rouge, LA, on emergency preparedness and response in agriculture. State of FL (2006).

- Consultant to Abt Associates, Bethesda, MD on developing biosecurity information for the U.S. Agency for International Development (USAID) for use by exporters of developing countries (2004).
- Consultant to Government Accountability Office on agroterrorism and their subsequent publication on this topic (2004).

### **Select other professional activities**

- Editor: Animal Hospice and Palliative Care Guidelines. Published by the International Association of Animal Hospice and Palliative Care (2013).
- Panel member for the City of Ames to interview and evaluate candidates for the position of Ames Control Supervisor for the Ames Animal Shelter. (2013).
- Panel member for the Sierra Leone, Ministry of Agriculture, Forestry, and Food Security to select 4 DVM candidates to be educated in Nairobi, Kenya (2012).
- World Rabies Day Symposium, Iowa State University. Faculty coordinator (2011).
- Visiting professor, St. George's University (2007)
- Editorial Review Board for *Clinician's Brief*, a peer-reviewed veterinary journal. Official publication of the North American Veterinary Conference (2007-present).
- Co-founder for the ISU, College of Veterinary Medicine, concurrent DVM/MPH degree (2002).
- Co-developer of training program on agroterrorism for Iowa law enforcement: Agricultural Bioterrorism and the Role of Law Enforcement (2001).
- Temporary advisor to the World Health Organization in Mongolia on the public health aspects of brucellosis and implementation of a national prevention and control program (1999).
- Visiting Scientist, CDC, National Center for Infectious Disease, Division of Vector-Borne Infectious Diseases, Fort Collins, CO. Laboratory training on the techniques for *Y. pestis* (1996).

### **Select publications**

#### ***Books***

- Caring for family pets: choosing and keeping our companion animals healthy. Praeger, 2011.
- Animal disease and human health: saving lives now and in the future. Praeger, 2011.
- Reviewed/edited/authored "Trainee Handbook for Community Animal Health Worker (CAHW)" for the Sierra Leone, Ministry of Agriculture, Forestry, and Food Security, 2012.

#### ***Book chapters***

- One Health – working to help animals and people. In: Animal diseases and human health: saving lives now and in the future. Praeger, 2011.
- Immunocompromised, high-risk populations and animals. In: Animal diseases and human health: saving lives now and in the future. Praeger, 2011.
- Agroterrorism: Need for awareness. In: Perspectives in world food and agriculture: 2004. Ames, IA: ISU Press. 2004;353-416.

#### ***Peer-reviewed***

- Rabies in the clinic. *Clinician's Brief*. <http://www.cliniciansbrief.com/article/rabies-clinic>. June 1, 2014.
- Companion animals as sentinels for emerging diseases. *Clinician's Brief* 2014;12:11-13.
- HIV/AIDS Education: Still an Important Issue for Veterinarians. *Public Health Reports* May/June 2008;123(3):266-275

- HIV/AIDS and the veterinary practitioner – making a difference. *Compend Contin Educ Vet.* May 2008;30(3):128-130.
- The ABCs of bioterrorism for veterinarians, focusing on Category A agents. *J Am Vet Med* 2004;224:1084-1095.
- The ABCs of bioterrorism for veterinarians, focusing on Category B and C agents. *J Am Vet Med Assoc* 2004;224:1096-1104.

### **Others**

- Rabies: an increasing threat? *Veterinary Practice (UK publication)*, May 2014 Vol. 46, No.3:43.
- Davis RG. Surveillance for livestock diseases that impact food security and food safety. Publication and presentation for the Institute on Science for Global Policy. Emerging and persistent infectious diseases: focus on surveillance. Warrenton, VA, Oct. 17-20, 2010.
- Davis RG. HIV/AIDS and the veterinary practitioner – making a difference. *One Health Newsletter*. Summer 2008: 1(3):9-11.
- Davis RG. Emerging zoonoses and DVMs: Knowledge for everyday. *DVM Best Practices magazine*. March 2003; 4-7.

### **Select presentations/training conducted (local, national, international)**

- Rabies: an increasing threat. UK veterinarians. The Webinar Vet. Feb. 2014.
- Rabies. Veterinary Information Network. International audience of veterinarians. October 2013.
- HIV/AIDS and the Veterinarian. Cornell University, New York. March, 2012.
- Rabies awareness, prevention, and education. Sierra Leone, 2010.
- Mary Greeley Medical Center, Ames, IA. Association for Professionals in Infection Control and Epidemiology. *One Health*. Nov. 2010
- Presenter and panelist: Institute on Science for Global Policy. Emerging and persistent infectious diseases: focus on surveillance. Warrenton, VA, Oct. 17-20, 2010. Surveillance for livestock diseases that impact food security and food safety.
- Infusion Nurses Society Annual Meeting, 2006, Reno, NV. Bioterrorism, May 6, 2006.
- Upper Midwest Center for Public Health Preparedness, College of Public Health, University of Iowa, Iowa City, IA Train the Trainer Program. Preparedness issues: animal and human health. Topics: Emerging zoonoses, BSE and vCJD, Aug. 24, 2005.
- National Environmental Health Association, 2004 conference, Anchorage, AK. National bioterrorism awareness and zoonotic disease education Program, May 12, 2004
- Lead facilitator/developer: Veterinary Response to a Bioterrorism Attack. Training seminars on biological, chemical, and radiological for Mississippi State Animal Response Teams, 2003- 2004.
- University of Pennsylvania School of Veterinary Medicine 104<sup>th</sup> Penn Annual Conference, Philadelphia, PA. *Agroterrorism. Nipah and Rift Valley fever. National Animal ID Program. Radiological threats to humans and animals*, March 12, 2004.
- American Public Health Association annual meeting, San Francisco, CA. *National bioterrorism awareness and zoonotic disease education program: Resources and materials*, Nov. 18, 2003.
- Iowa Veterinary Medical Association, Ames, IA. *The role of the veterinary practitioner in public health*, Sept. 12 2003.
- Council of State and Territorial Epidemiologist/National Association of Public Health Veterinarians annual meeting, Hartford, CT. Two presentations to on *National Bioterrorism Awareness Education program*, June 21-22, 2003.

- Centers for Disease Control and Prevention, Office of Terrorism Preparedness and Emergency Response, Atlanta, GA. *Bioterrorism Awareness Education: zoonotic disease training*, April 23, 2003.
- The 2001 Midwest Regional Pre-Veterinary Symposium, College of Veterinary Medicine, Iowa State University, Ames, IA. *Healthy people: the role of the veterinarian in public health*, June, 2001.
- Workshop on the Public Health Importance of Brucellosis, Ulaanbaatar, Mongolia. Panel member and advisor for 3 day workshop on brucellosis. *Brucellosis surveillance*. Sponsored by the government of Mongolia and the World Health Organization, 1999.