

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

MPH – University of Arizona, 1997
DVM – Colorado State University, 1991
Undergraduate – Weber State University (1984-1987)

Board Certification

American College of Veterinary Preventive Medicine (2002)

Positions Held

Adjunct Associate Professor, Des Moines University, College of Health Sciences, 2010-present.
Associate Professor of Public Health, Dept. of Veterinary Microbiology and Preventive Medicine, College of Veterinary Medicine Iowa State University, Ames, IA, 2007-present.
Assistant Professor of Public Health, Dept. of Veterinary Microbiology and Preventive Medicine, College of Veterinary Medicine Iowa State University, Ames, IA, 2001-2007.
Instructor on Agriculture Security, 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.
Occupational Health and Safety Consultant, Environmental and Occupational Health Unit, Arizona Prevention Center, University of Arizona, Tucson, AZ, 1997-1998.
Graduate Research Associate in Pathobiology, Dept. of Veterinary Science and Microbiology, University of Arizona, Tucson, AZ, 1995-1997.
Small animal emergency veterinarian, Grant Road Veterinary Clinic, Tucson, AZ, 1991-1998.

Consulting

Food and Agriculture Organization of the UN, July-Dec, 2010. Subject Matter Expert on veterinary and public health issues, Washington, D.C., Rome, Italy. Consultant on rabies, Sierra Leone, Africa.
Subject Matter Expert on zoonoses and public health to Veterinary Information Network <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-present).
Consultant to Innovative Emergency Management (IEM), Inc., Baton Rouge, LA, on emergency preparedness and response in agriculture, 2006. State of FL (2006).
Consultant for Gerson Lehrman Group, NY on petting zoos in the U.S. (2005)
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).

International experience

Jordan (2011)
 Costa Rica and Panama (2010)
 Sierra Leone (2010)
 Rome, Italy (2010)
 St. George, Grenada. (2007).
 Baja, Mexico (2006).
 Iguassu Falls, Brazil (2003).
 Germany (2001).
 Mongolia (1999).

Select Other Professional Activities

International One Health. Proposal for development of a 2-year veterinary paraprofessional training program, Sierra Leone (2010-present).
 American Association of Public Health Veterinarians – Communications Committee & Editor of the quarterly newsletter
 Editor: 2 books (2010-2011). Caring for family pets: choosing and keeping our companion animals healthy. Animal disease and human health: saving lives now and in the future. Praeger Publishers.
 Public Health Committee – American Association of Veterinary Medical Colleges (2007-present).
 Chair, Communications Committee – American College of Veterinary Preventive Medicine (2006-2008).
 Public Health Committee member – Iowa Veterinary Medical Assoc. (2008-present).
 Pet Therapy Committee – National Assoc. of State Public Health Veterinarians (2007-present).
 Editorial Review Board for Clinician’s Brief, a peer-reviewed veterinary journal. Official publication of the North American Veterinary Conference (2007-present).
 Reviewer for the journal Veterinary Parasitology: An international journal (2002).
 Author of considerable educational materials for the Center for Food Security and Public Health in the fields of agroterrorism and bioterrorism for their training and education programs (2002-2005).
 Co-founder for the ISU, College of Veterinary Medicine, concurrent DVM/MPH degree in collaboration with Univ. of Iowa (2002).
 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).

Memberships

Iowa Veterinary Medical Association
 National Association of State Public Health Veterinarians
 Iowa Biological Consultants Bureau (IBCB)
 American Association of Public Health Veterinarians
 American College of Veterinary Preventive Medicine
 American Veterinary Medical Association

Publications***Books***

Editor of 2 volumes for ABC-CLIO, LLC. (Praeger Publishers) Vol. 1 - Caring for family pets: choosing and keeping our companion animals healthy. Vol. 2 – Animal disease and human health: saving lives now an in the future. In progress. Publication date: 2011

Book chapters

Davis RG. One Health – working to help animals and people. In: Animal diseases and human health: saving lives now and in the future. In print.

Davis RG. The immunocompromised owner and pets. In: Animal diseases and human health: saving lives now and in the future. In print.

Davis RG. Agroterrorism: Need for awareness. In: Scanes CG and Miranowski JA, eds. Perspectives in world food and agriculture: 2004. Ames, IA: ISU Press. 2004;353-416.

Book introductions

Davis RG. In: Emerging and Exotic Diseases of Animals, 2nd ed. JA Roth and AR Spickler eds. Iowa State University College of Veterinary Medicine, 2004.

Davis RG. In: Emerging and Exotic Diseases of Animals. JA Roth and AR Spickler eds. Iowa State University College of Veterinary Medicine, 2003.

Peer-reviewed publications

Davis RG. HIV/AIDS Education: Still an Important Issue for Veterinarians.

Public Health Reports May/June 2008;123(3):266-275

Davis RG. HIV/AIDS and the veterinary practitioner – making a difference. Compend Contin Educ Vet. May 2008;30(3):128-130.

Brigitte C. French, David W. Hird, Patrick S. Romano, Rick H. Hayes, Ard M. Nijhof, Frans Jongejan, Dominic J. Mellor, Randall S. Singer, Amanda E. Fine, John M. Gay, **Radford G. Davis**, and Patricia A. Conrad. Virtual International Experiences in Veterinary Medicine: An Evaluation of Students' Attitudes toward Computer-Based Learning. J Vet Med Educ 2007;34:502-509.

Davis RG. The ABCs of bioterrorism for veterinarians, focusing on Category A agents. J Am Vet Med 2004;224:1084-1095.

Davis RG. The ABCs of bioterrorism for veterinarians, focusing on Category B and C agents. J Am Vet Med Assoc 2004;224:1096-1104.

Roth J, Boghossian A, Brown C, Cowen P, **Davis RG**, Galyon J, Hird D, Kasper J, Little S, and Uhlenhopp E. Exotic and Emerging Diseases of Animals: an Internet Course for Veterinary Students. J Vet Med Educ 2002;29:210-211.

Proceedings

Davis RG. National Environmental Health Association 2004 Conference, Anchorage, AK. May 12, 2004. National bioterrorism awareness and zoonotic disease education program.

Davis RG. University of Pennsylvania School of Veterinary Medicine 104th Penn Annual Conference, March 12, 2004. Four proceedings: Agroterrorism: Need for awareness. Terrorism, Offensive BW Programs, and Agriculture. Nipah and Rift Valley fever. Radiological threats.

Davis RG. American Public Health Association 131st annual meeting, San Francisco, CA, Nov. 18, 2003. National bioterrorism awareness and zoonotic disease education program: resources and materials.

Davis RG. Iowa Veterinary Medical Association, Sept. 15, 2003. The role of the veterinary practitioner in public health.

Abstracts

Davis RG. Import and the risk to agriculture. Diseases in Nature conference June 1-3, 2005, Houston, TX.

Davis RG. Society for Tropical Veterinary Medicine, June 26, 2003, Iguassu Falls, Brazil. Bioterrorism Awareness Education: Zoonotic Disease Training for Veterinarians.

Platt K, **Davis RG.** A preliminary assessment of infection by West Nile virus (WNV) to abattoir personnel and other handlers of fresh pork products. 2003 Food Safety Education Conference, Littlerock, Arkansas.

Others

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. In print.

Davis RG. *HIV/AIDS and the veterinary practitioner – making a difference.* One Health Newsletter. Summer 2008: 1(3):9-11.

Author and editor for the monthly bulletin *eNews* for the American College of Veterinary Preventive Medicine, 2006-2008.

Davis RG. Zoonoses, public health concerns, liability issues, hygiene, and vaccination of exotic species. In: *Petting Zoos – Zoonotic Diseases.* A White Paper produced for Gerson Lehrman Group, New York, NY in collaboration with several other nationally recognized experts on this topic. Invited contributor, 2005.

Davis RG. The Threat of Animal and Environmental Extremists. Iowa Anti-terrorism Advisory Committees' Terrorism Intelligence Bulletin, Feb. 2005, Issue 18.

Davis RG. Emerging zoonoses and DVMs: Knowledge for everyday. DVM Best Practices magazine. March 2003; 4-7.

Davis RG. Bibliography on agroterrorism, published on The Infography
<http://www.infography.com/content/275151664053.html>.

Primary author of 11 full Power Point presentations with full speaking notes on 10 infectious diseases and 1 overview on agroterrorism used by the Center for Food Security and Public Health, College of Veterinary Medicine, Iowa State University, for national public health and veterinary training purposes.

Co-author of 14 full Power Point presentations with speaking notes on 14 infectious diseases used by the Center for Food Security and Public Health, College of Veterinary Medicine, Iowa State University, for national public health and veterinary training purposes.

Select Presentations/Outreach/Training Conducted (local, national, international)

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.

Meskwaki rabies clinic, April 3, 2010. Led 12 veterinary students to the Tama area to conduct rabies vaccination and other veterinary medical prevention efforts and education of clients on public health and pet health issues.

Center for Homeland Defense and Security, Naval Postgraduate School, Monterey, CA, Mobile Education Team. Subject matter expert on agroterrorism/public health for several states and large cities from 2003-present.

Veterinary Information Network and their international audience of veterinarians. *HIV/AIDS and the Veterinarian.* Jan. 13, 2008.

Trainer, West Virginia State Animal Response Team Training, Charleston, WV. *Protecting animal and public health: emerging zoonoses and Zoonotic bioterrorism diseases.* Dec. 10, 2006.

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, 2005 Grand Round Series. Two sessions: *Preparedness issues: animal and human health; Import and the risk to agriculture.* 2005.

55th annual Diseases in Nature Conference, College Station, TX. *Import and the threat to agriculture.* Continuing education credits offered. June 3, 2005.

Agroterrorism: repercussions to our society – a 3 day national workshop. Sponsored by AgrowKnowledge at Kirkwood Community College, Cedar Rapids, IA. *Risk of agroterrorism.* July 14, 2004.

National Environmental Health Association, 2004 conference, Anchorage, AK. *National bioterrorism awareness and zoonotic disease education Program*. May 12, 2004

Lead facilitator and education materials developer for Veterinary Response to a Bioterrorism Attack. Mississippi. Training seminar on biological, chemical, and radiological training for the Mississippi State Animal Response Teams. Three separate sessions in 3 locations. Dec. 5, 2003; March 5, 2004; May 21, 2004.

2004 Iowa Public Health Conference, Ames, IA. *Zoonotic agents on bioterrorism: Understanding the impact of human and animal health*. Continuing education credits offered. March 31, 2004.

University of Pennsylvania School of Veterinary Medicine 104th Penn Annual Conference, Philadelphia, PA. Five separate topics: *Agroterrorism: Need for awareness. Terrorism, Offensive BW Programs, and Agriculture. 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.

Mary Greeley Medical Center Grand Rounds, Ames, IA. *Zoonotic agents of bioterrorism: Understanding the impact on human and animal health* (physicians, nurses, physician assistants, EMTs, others). Sept. 24, 2003.

Iowa Food Security Conference, Des Moines, IA. *The risk of agroterrorism to Iowa*. Put on by Iowa Dept. of Agriculture and Land Stewardship, Iowa Dept. of Inspection and Appeals, Iowa Homeland Security and Emergency Management. Sept. 15, 2003.

Iowa Veterinary Medical Association, Ames, IA. *The role of the veterinary practitioner in public health*. Continuing education credits offered. Sept. 12 2003.

American Veterinary Medical Association annual conference, Denver, CO. *Bioterrorism awareness education: zoonotic disease training efforts*. July 22, 2003.

Society for Tropical Veterinary Medicine, 7th annual meeting, Iguassu Falls, Brazil. *Bioterrorism awareness education: zoonotic disease training efforts and emerging/exotic disease education efforts*. June 26, 2003.

Council of State and Territorial Epidemiologist/National Association of Public Health Veterinarians annual meeting, Hartford, CT. *National Bioterrorism Awareness Education*. 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.

Center for Food Security and Public Health, College of Veterinary Medicine, Iowa State University, *Zoonotic Disease Training for Veterinarians*, Train-the-Trainer program, Orlando, FL. Co-Coordinator, contributor, education materials developer and trainer for Bioterrorism Awareness Education Symposium. U.S. Surgeon General, Dr. Richard Carmona, Keynote speaker. Jan. 17, 2003.

CASE Media Fellowship, College of Veterinary Medicine/Greenlee School of Journalism, Iowa State University, Ames, IA. *Agricultural Bioterrorism: Addressing America's concerns: animal disease outbreaks and their impact on society*. A two day scientific seminar for journalists. April 2002.

Greater Des Moines Veterinary Association, Des Moines, IA. *Bioterrorism, Zoonoses, and the Private Practitioner*. March 2002.

Iowa Law Enforcement Academy, Des Moines, Iowa. *Agricultural Bioterrorism and the Role of Law Enforcement*. Attendees were law enforcement from various agencies of Iowa. Feb 2002.

Crop Insurance Research Bureau, National Annual CIRB meeting, Palm Springs, CA. *Agricultural Bioterrorism and the Crop industry*. Jan. 2002.

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.