

## PUBLICATIONS AND ABSTRACTS – Michele Jay-Russell

### *Articles (refereed)*

1. Shwiff SA, Sterner RT, Hale R, **Jay MT**, Sun B, Slate D. Benefit-cost scenarios of potential oral rabies vaccination for skunks in California. *J Wildl Dis* 2009; 45:227-33.
2. **Jay MT** and Wiscomb GW. Food safety risks and mitigation strategies for feral swine (*Sus scrofa*) near agricultural fields. *Proc 23<sup>rd</sup> Vertebr Pest Conf*, Timm RM and Madon MB, eds. Davis: University of California, 2008. Pp. 21-5.
3. Sterner RT, Sun B, Bourassa JB, Hale RL, Shwiff SA, **Jay MT**, Slate D. Skunk rabies in California (1992-2003)—Implications for ORV. *J Wildl Dis* 2008;44:1008-13.
4. **Jay MT**, Cooley M, Chao D, Wiscomb GW, Sweitzer RA, Crawford-Miksza L, Farrar J, O'Connell J, Millington A, Lau D, Admudson RV, Atwill ER, Mandrell RE. *Escherichia coli* O157:H7 in feral swine and cattle near spinach fields, central California coast. *Emerg Infect Dis* 2007; 13:1908-11.
5. Cooley M, Chao D, Crawford-Miksza L, **Jay MT**, Myers C, Rose C, Keys C, Farrar JA, Mandrell RE. Molecular typing of *Escherichia coli* O157:H7 strains isolated from a major fresh produce production region in California, and human strains causing outbreak and sporadic illness. *PLoS ONE* 2007; 2(11): e1159. doi:10.1371/journal.pone.0001159.
6. Shwiff SA, Sterner RT, **Jay MT**, et al. Direct and indirect costs of rabies exposure: a retrospective study in southern California (1998-2002). *J Wildl Dis* 2007;43:251-7.
7. **Jay MT**, Glaser C, Fulhorst CF. The Arenaviruses (Review). *J Am Vet Med Assoc* 2005; 227:904-15.
8. Winthrop K, Scott J, Brown D, **Jay MT**, Rios R, Mase S, Richardson D, Edmonson A, MacLean M, and Flood J. Investigation of human contacts: a *Mycobacterium bovis* outbreak among cattle at a California dairy, 2002. *Int J Tuberc Lung Dis* 2005; 9:809-13.
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10. **Jay MT**, Garrett V, Mohle-Boetani JC, Barros M, Farrar JA, Abbott S, Sowadsky R, Komatsu K, Mandrell R, Sobel J, Werner SB. A multi-state outbreak of *Escherichia coli* O157:H7 linked to consumption of beef tacos at a fast-food restaurant chain. *Clin Infect Dis* 2004;39:1-7.
11. Meites E, **Jay MT**, Deresinski S, Shieh W-J, Tompkins L, Smith DS. Leptospirosis: A re-emerging infection in California. *Emerg Infect Dis* 2004;10:406-12.
12. Franklin RP, Kinde H, **Jay MT**, Kramer LD, Green EN, Chiles RE, Ostlund E, Husted S, Smith J, Parker MD. Eastern equine encephalomyelitis in a horse from California. *Emerg*

Infect Dis 2002;8:283-8.

13. Wimsatt J, **Jay MT**, Innes KE, Jessen M, Collins J. Serologic evaluation, efficacy, and safety of a commercial modified-live canine distemper vaccine in domestic ferrets. *Am J Vet Res* 2001;62:736-40.
14. Parikh A, **Jay M**, Kassam D, Kociemba T, Dworkis B, Bradley P, Takata K. *Clostridium perfringens* outbreak at a juvenile hall linked to a Thanksgiving meal. *West J Med* 1997;166:417-9.
15. **Jay M**, Ascher M, Chomel BB, Madon M, Sesline D, Enge B, Hjelle B, Rollin PE, Ksiazek TG, Kass P, Reilly K. Seroepidemiologic studies of hantavirus infection among wild rodents in California. *Emerg Infect Dis* 1997;3:187-90.
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17. Hjelle B, Torrez-Martinez N, Koster FT, **Jay M**, Ascher MS, Brown T, Reynolds P, Ettestad P, Vorhees R, Sarisky J, Ensore R, Sands L, Mosely D, Bryan R, Sewell CM. Epidemiologic linkage of rodent and human hantavirus genomic sequences in case investigations of hantavirus pulmonary syndrome. *J Infect Dis* 1996;173:781-6.
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21. **Jay MT**, Reilly KF, Debess EE, Haynes EH, Bader DR, Barrett LR. Rabies in a vaccinated wolf-dog hybrid. *J Am Vet Med Assoc* 1994; 205:1729-1732.
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#### **Articles (non-refereed)**

1. **Jay-Russell M**, Douglas J, Drenzek C, et al. Q Fever – California, Georgia, Pennsylvania, and Tennessee, 2000-2001. *Morbidity and Mortality Weekly Report* 2002;51:924-7.
2. **Jay M**, Thomazin K. Animals as sentinels for accidental or intentional introduction of disease: role of veterinary surveillance. *California Veterinarian* 2001;55:6-7.

3. Hamlen H, **Jay M.** Food and Agricultural Security: What animal owners need to know. *Pacific Showcase*, December 2001/January 2002.
4. Hoar B, Sun B, Ernst S, **Jay M.** Animal rabies activity in California. *California Veterinarian* 2001;55:12-5.
5. Trevejo R, **Jay M.** Rabies surveillance in California during 1992-1993. *California Veterinarian* 1995;49:17-19.
6. **Jay MT**, Chomel BB. Public health implications of feline plague. *California Veterinarian* 1994; 48:10-12.

### ***Book Chapters***

1. **Jay MT.** Opossums (Class Mammalia, Superorder Marsupialia). In: Fritz CL, ed. *Vertebrates of Public Health Importance in California*. Sacramento: California Department of Health Services, 2002:21-4.
2. **Jay MT.** Wildlife Diseases and Man. In: Clark JP, ed. *Vertebrate Pest Control Handbook*, 4th edition. Sacramento: California Department of Food and Agriculture, 1994:500-504.

### ***Book Reviews***

1. **Jay MT.** Food Security in a Global Economy: Veterinary Medicine and Public Health. *J Am Vet Medic Assoc* 2009; 235:1422.
2. **Jay MT.** Epidemiological Principals of Food Safety. *J Am Vet Medic Assoc* 2008;860.

### ***Guidelines and Training Modules***

1. Commodity Specific Food Safety Guidelines for the lettuce and Leafy Greens Supply Chain, 1<sup>st</sup> edition (2006) <http://www.cfsan.fda.gov/~acrobat/lettsup.pdf>.
2. Bioterrorism Preparedness Training for LRN Sentinel Laboratories, Tularemia Module (2005) <http://www.bttrain.org/intropages/tularemia.htm>.
3. Compendium of Measures to Prevent Disease Associated with Animals in Public Settings published by the National Association of State Public Health Veterinarians, 1<sup>st</sup> edition (2003) <http://www.oneidacounty.org/oneidacty/gov/dept/health/2003%20Compendium%20Animals%20in%20Public%20Settings.pdf>.

### ***Professional Presentations (Selected)***

1. **Jay-Russell MT\***, Atwill ER, Cooley M, Carychao D, Vivas E, Chandler S, Orthmeyer D, Li X, Mandrell RE. Occurrence of *Escherichia coli* O157:H7 in wildlife populations in a major produce production region in California. 110th General Meeting of the **American Society for Microbiology**. San Diego, California. May 2010.
2. Cooley MB\*., Carychao D, Patel R, Chandler S, Orthmeyer D, **Jay-Russell MT**, Atwill ER, Mandrell RE. Characterization of Shiga Toxin-producing *Escherichia coli* isolated from ranches and farms in the Salinas Region of California. 110th General Meeting of the

American Society for Microbiology. San Diego, California. May 2010.

3. Gorski L\*, Liang AS, **M. Jay-Russell**, Atwill ER, Chandler S, Orthmeyer D, Mandrell RE. A survey for the prevalence of *Salmonella* in the California agricultural and wildlife environments. 110th General Meeting of the [American Society for Microbiology](#). San Diego, California. May 2010.
4. Mandrell R\*, Chapman MH, **Jay-Russell MT**, Atwill RE, Yee E, Bates AH, Chandler SC, Orthmeyer DL, Gordus A, Miller WG. Incidence of *Campylobacter* species in livestock, wildlife and watersheds in a major produce production region of California. 110th General Meeting of the [American Society for Microbiology](#). San Diego, California. May 2010.
5. **Jay, MT\***, Mandrell RE, Atwill ER. Food safety, conservation and wildlife management: challenges following *Escherichia coli* O157:H7 outbreaks traced to leafy green in California. 59<sup>th</sup> Annual James H. Steele Conference on Diseases in Nature (DIN) Transmissible to Man and the 64<sup>th</sup> International Conference on Diseases in Nature Communicable to Man 2<sup>nd</sup> Combined Meeting, Fort Worth , Texas, June 2009.
6. **Jay MT\***, Cooley M, Chao D, Wiscomb GW, Mandrell RE. Investigation of feral swine (*Sus scrofa*) as a potential source of *Escherichia coli* O157:H7 contamination of spinach fields in the Central California Coast. 107<sup>th</sup> General Meeting of the American Society for Microbiology, Toronto, May 2007.
7. **Jay MT**, Yuan J, Mandrell RE, Bates A\*, Manalac R, O'Connell J, Mohle-Boetani J, Miller WG. Use of MOMP typing as an epidemiological tool during a large campylobacteriosis outbreak investigation. 107<sup>th</sup> General Meeting of the American Society for Microbiology, Toronto, May 2007.
8. Yuan J\*, **Jay MT**, Barry P, Schneider J, Beam S, Kanan R, Mandrell R, Miller W, Mohle-Boetani J. Outbreak of *Campylobacter jejuni* associated with milk – May 2006, California. 56<sup>th</sup> Annual Epidemic Intelligence Service Conference, April 2007.
9. Bellomy A\*, Parikh S, Dunne G, Shwiff S, Sterner RT, **Jay MT**. Epidemiology of Human Rabies Exposure in Coastal Southern California: Rationale for Skunk ORV Program? 14<sup>th</sup> International Rabies in the Americas Meeting, Philadelphia, Pennsylvania, October 2003.
10. Shwiff SA\*, Sterner RT, **Jay M**, Parikh S, Bellomy A, Slate D. Estimating the Direct and Indirect Costs of Rabies Post-Exposure Prophylaxis. 14<sup>th</sup> International Rabies in the Americas Meeting, Philadelphia, Pennsylvania, October 2003.
11. **Jay MT\***, Douglas J, Carter K, Miller JD, McQuiston J, Rishwain G, Schneider E, Thompson H, Kelaita D. A Neighborhood Outbreak of Q Fever Linked to a Goat Ranch in California. International Conference on Emerging Infectious Diseases 2002, Atlanta, GA, March 2002.
12. Meites D\*, Deresinski S, **Jay M**, Smith D. An Outbreak of Leptospirosis following a Houseboat Vacation in California. International Conference on Emerging Infectious Diseases 2002, Atlanta, GA, March 2002.

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14. Fulhorst C\*, Glaser C, **Jay M**. The epidemiology of the Whitewater Arroyo virus and other newly recognized North American arenaviruses. Proceedings of the 39<sup>th</sup> Annual Meeting of the Infectious Disease Society of America, San Francisco, California, September 2001.
15. **Jay M\***. Arenaviruses in the United States. 138<sup>th</sup> Annual Convention of the American Veterinary Medical Association, Boston, MA, July 2001.
16. **Jay M\***, Husted S, Kerr D, Franklin R, Kinde H, Ostlund E, Green E, Chiles R, Smith J, Kramer L. Case investigation of eastern equine encephalitis in a horse from southern California: potential for "needle-borne" introduction of a virus? Annual Conference of the Mosquito and Vector Control Association of California, Napa, California, January 2001.
17. **Jay M\***, Mohle-Boetani J, Farrar J, Abbott S, Rios R, Sowadsky R, Komatsu K, Werner SB. *Escherichia coli* O157:H7 outbreak associated with a fast-food restaurant chain in California, Nevada, and Arizona. International Conference on Emerging Infectious Diseases 2000, Atlanta, Georgia, July 2000.
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22. **Jay M\***. Zoonotic diseases of carnivores and occupational safety issues for predator control employees. Crabb, C. Ed. Proceedings of the 17th Vertebrate Pest Conference, Davis: University of California, 1996:63-7.
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26. **Jay M\***, Reilly K, Barrett L, Jackson R, Ascher M. Human Case Surveillance for Arboviral Encephalitis in California, 1993. Proceedings of the 62<sup>nd</sup> Annual Conference of the California Mosquito and Vector Control Association, Sacramento, California, 1995.
27. **Jay MT\***. Hantavirus pulmonary syndrome: the California perspective. Leviton AE and Aldrich ML, Eds. Proceedings of the Pacific Division, American Association for the Advancement of Science, 1994:75.
28. Chomel BB\*, **Jay M**, Reilly K, Rollin PE, Ksiazek TG, Hjelle B, Ascher MS. Epidemiology of hantavirus pulmonary syndrome in the United States, 1993-1994, and serosurveillance of rodent infection in California. Preliminary results. Proceedings of the International Congress on Quality Veterinary Services for the 21st Century, Kuala Lumpur, Malaysia, 1994.