

James J. Kazmierczak, DVM, MS
Wisconsin Division of Public Health
1 West Wilson Street, Madison, WI 53703
(608) 266-2154 E-mail: james.kazmierczak@wi.gov

PROFESSIONAL EXPERIENCE:

State Public Health Veterinarian, Wisconsin Division of Public Health, Bureau of Communicable Diseases (2002 to present)

- Conduct statewide surveillance, investigate outbreaks, and provide public health consultation for multiple communicable disease entities including hepatitis A, food/water-borne pathogens, prion diseases, Lyme disease, babesiosis, and other arthropod-borne diseases, rabies and animal bites, infectious meningitis, and other communicable diseases as necessary, with an emphasis on the zoonoses and tick-borne diseases.
- Develop guidelines and policies for the control of zoonotic diseases in Wisconsin. Serve on national workgroups for these same ends.
- Serve as the Department of Health and Family Services' representative on Wisconsin's interagency science team for chronic wasting disease.
- Coordinate emergency preparedness efforts within the Division of Public Health, especially involving weaponizable zoonotic agents and avian influenza.
- Develop and provide educational seminars, written materials, and internet-based resources for health care providers, public health personnel, graduate/professional students, and the general public on various communicable disease-related topics.
- Author and publish scientific manuscripts in peer-reviewed journals.
- Write pertinent grant proposals and administer subsequent grants and contracts.
- Serve as Division of Public Health liaison to the University of Wisconsin School of Veterinary Medicine, the Wisconsin Department of Agriculture, Trade, and Consumer Protection, the Department of Natural Resources, the Wisconsin Veterinary Diagnostic Laboratory, and the Wisconsin Veterinary Medical Association.

Acting Chief, Communicable Disease Epidemiology Section , Wisconsin Division of Public Health, Bureau of Communicable Diseases (March 2013 to September 2013, and December 2006 to August 2007). Performed Section Chief duties in addition to duties listed above for the State Public Health Veterinarian.

- Supervise 12 staff.
- Oversee programmatic, scientific, and technical aspects of epidemiologic investigations, control initiatives, and surveillance for acute and infectious diseases in Wisconsin.

- Direct the development and submission of federal grants within the Communicable Disease Section; oversee monitoring of grant performance objectives.

Adjunct Associate Professor, University of Wisconsin, Department of Population Health Sciences (1998 to present).

- Lecture in PHS 801, and team-taught PHS 699.
- Mentor University of Wisconsin medical and veterinary students performing an epidemiology rotation in the Bureau of Communicable Diseases.
- As circumstances warrant, act as preceptor for University of Wisconsin MPH students performing their capstone projects with the Division of Public Health.

Adjunct Associate Professor, University of Wisconsin, Department of Pathobiological Sciences, School of Veterinary Medicine (2008 to present).

- Routinely lecture in Animal Health and Biomedical Sciences 150, Veterinary Medicine (Pathology/Biologic Sciences) 517 and 703.
- Mentor University of Wisconsin veterinary students performing an epidemiology rotation in the Bureau of Communicable Diseases.

Epidemiologist, Wisconsin Division of Public Health, Bureau of Communicable Diseases (1988 to 2002).

- Duties similar to those described above for State Public Health Veterinarian, with following additions:
- Served as acting chief of the Communicable Disease Epidemiology Section from September, 2001 through July, 2002.
- Co-directed the Division of Public Health's response team during the anthrax attacks of 2001.

Research Assistant, University of Wisconsin School of Veterinary Medicine (1985-1988).

- Thesis project: Susceptibility of wild and domestic animals to *Borrelia burgdorferi* and alternate transmission mechanisms of this organism.
- Responsibilities in addition to thesis research included manuscript publication, writing grant proposals, performing diagnostic serology and bacteriology on veterinary clinical specimens, maintenance of vector arthropod colonies, and supervision of laboratory assistants.

Senior Staff Veterinarian, Emergency Clinic for Animals; Madison, Wisconsin (1980-1984).

- Responsibilities typical of veterinary clinician in emergency medicine.

Associate Veterinarian, Beach Park Animal Hospital; Waukegan, Illinois (1977-1980).

- Responsibilities typical of veterinary clinician in private practice.

EDUCATION:

De Paul University; Chicago, IL	BS, Biology	1973
University of Illinois, Urbana, IL	DVM	1977
University of Wisconsin, Madison, WI	MS, Veterinary Science	1988

VETERINARY LICENSURE: Wisconsin

AWARDS / OFFICES

- Recipient – Barbara A. Lange Regional/Statewide Practitioner Award, 2009
- Honorary Diplomat – American Veterinary Epidemiologic Society, 2007
- President - National Association of State Public Health Veterinarians (1998-2000)
- Co-recipient of the Louis Weinstein Award for best clinical article published in *Clinical Infectious Diseases*, 1996
- Co-author of the Alexander Langmuir Award winning manuscript, Centers for Disease Control and Prevention, 1994.

COMMITTEE WORK

- Blood Products Advisory Committee, U.S. Food and Drug Administration, 2010.
- Public Health and Food Safety Committee, Wisconsin Veterinary Medical Association (2002 to present)
- Community Advisory Committee for Master of Public Health Program, University of Wisconsin School of Medicine and Public Health (2006 to 2009)
- Compendium Committee on Measures to Prevent Disease Associated with Animal in Public Settings, National Association of State Public Health Veterinarians (2003 – 2006)

PUBLICATIONS:

1. Jhung MA, Epperson S, Biggerstaff M, Allen D, Balish A, Barnes N, Beaudoin A, Berman L, Bidol S, Blanton L, Blythe D, Brammer L, D'Mello T, Danila R, Davis W, de Fijter S, Diorio M, Durand LO, Emery S, Fowler B, Garten R, Grant Y, Greenbaum A, Gubareva L, Havers F, Haupt T, House J, Ibrahim S, Jiang V, Jain S, Jernigan D, **Kazmierczak J**, Klimov A, et al. Outbreak of Variant Influenza A(H3N2) Virus in the United States. *Clin Inf Dis* 2013;57:1703-1712.

2. Haupt TE, Heffernan RT, **Kazmierczak JJ**, Nehls-Lowe H, Rheineck B, Powell C, Leonhardt K, Chitnis AS, Davis JP. An outbreak of Legionnaires disease associated with a decorative water wall fountain in a hospital. *Infect Control Hosp Epidemiol* 2012;33(2):185-191.
3. Nielsen CF, Sethi V, Petroll AE, **Kazmierczak J**, Erickson BR, Nichol ST, Rollin PE, Davis JP. Seoul Virus Infection in a Wisconsin Patient with Recent Travel to China, March 2009: First Documented Case in the Midwestern United States. *Am J Trop Med Hyg* 2010; 83(6):1266–1268.
4. Karon AE, Archer JR, Sotir MJ, Monson TA, **Kazmierczak JJ**. Human multidrug-resistant *Salmonella* Newport infections, Wisconsin, 2003-2005. *Emerg Infect Dis* 2007;13(11):1777-1780.
5. Croft DR, Sotir MJ, Williams CJ, **Kazmierczak JJ**, Wegner MW, Rausch D, et al. Occupational risks during a monkeypox outbreak, Wisconsin, 2003. *Emerg Infect Dis* 2007;13(8):1150-1157.
6. Pfeiffer CD, **Kazmierczak JJ**, Davis JP. Epidemiologic features of human babesiosis in Wisconsin, 1996-2005. *Wisc Med J* 2007;106(4):191-195.
7. Hutson CL, Lee KN, Abel J, Carroll DS, Montgomery JM, Olson VA, Li Y, Davidson W, Hughes C, Dillon M, Spurlock P, **Kazmierczak JJ**, Austin C, Miser L, Sorhage FE, Howell J, Davis JP, Reynolds MG, Braden Z, Karem KL, Damon IK, Regnery RL. Monkeypox zoonotic associations: Insights from laboratory evaluation of animals associated with the multi-state US outbreak. *Am J Trop Med Hyg* 2007;76(4):757-768.
8. Sotir MJ, Ahrabi-Fard S, Croft DR, **Kazmierczak JJ**, Monson TA, Wegner MV, Davis JP. Meningococcal disease incidence and mortality in Wisconsin, 1993-2002. *Wis Med J* 2005;104:38-44.
9. Reed KD, Melski JW, Graham MB, Regnery RL, Sotir MJ, Wegner MV, **Kazmierczak JJ**, Stratman EJ, et al. The detection of monkeypox in humans in the western hemisphere. *N Engl J Med* 2004;350:342-50. [Finalist, Charles C. Shepard Science Award (Assessment and Epidemiology), Centers for Disease Control and Prevention, 2005.]
10. Naleway AL, Belongia EA, **Kazmierczak JJ**, Greenlee RT, Davis JP. Lyme disease incidence in Wisconsin: A comparison of state-reported rates and rates from a population-based cohort. *Am J Epi* 2002;155:1120-1127.
11. Belongia EA, Gale CM, Reed KD, Mitchell PD, Vandermause M, Finkel MF, **Kazmierczak JJ**, Davis JP. Population-based incidence of human granulocytic ehrlichiosis in northwestern Wisconsin, 1997-1999. *J Infect Dis* 2001;184:1470-1474.

12. Belongia EA, Reed KD, Mitchell PD, Mueller-Rizner N, Vandermause M, Finkel MF, **Kazmierczak JJ**. Tickborne infections as a cause of nonspecific febrile illness in Wisconsin. *Clin Infect Dis* 2001;32:1434-1439.
13. Paskewitz SM, Vandermause M, Belongia EA, **Kazmierczak JJ**. *Ixodes scapularis* (Acari: Ixodidae): abundance and rate of infection with *Borrelia burgdorferi* in four state parks in Wisconsin. *J Med Entomol* 2001;38(1):33-38.
14. Corden, TE, **Kazmierczak JJ**. Rabies Prevention. *Wis Med J* 2000; 99:47-50.
15. Roels TH, Wickus B, Bostrom HH, **Kazmierczak JJ**, Nicholson MA, Kurzynski TA, Davis JP. A foodborne outbreak of *Camplobacter jejuni* (O:33) infection associated with tuna salad: a rare strain in an unusual vehicle. *Epidemiol Infect* 1998;121:281-287.
16. Roels TH, Christl M, **Kazmierczak JJ**, Mac Kenzie WR, Davis JP. Hepatitis A infections in Wisconsin: Trends in incidence and factors affecting surveillance, 1986-1995. *Wis Med J* 1998; 97:32-38.
17. Kitron U, **Kazmierczak JJ**. Spatial analysis of the distribution of Lyme disease in Wisconsin. *Am J Epidemiol* 1997;145:558-566.
18. Roels TH, Frazak PA, **Kazmierczak JJ**, MacKenzie WR, Proctor ME, Kurzynski TA, Davis JP. Incomplete sanitation of a meat grinder and ingestion of raw ground beef: Contributing factors to a large outbreak of *Salmonella* Typhimurium infection. *Epidemiol Infect* 1997;119:127-134.
19. Belongia EA, Reed KD, Mitchell PD, Kolbert CP, Persing DH, Gill JS, **Kazmierczak JJ**. Prevalence of granulocytic *Ehrlichia* infection among white-tailed deer in Wisconsin. *J Clin Micro* 1997;35:1465-1468.
20. MacKenzie WR, **Kazmierczak JJ**, Davis JP. An outbreak of cryptosporidiosis associated with a resort swimming pool. *Epidemiol Infect* 1995;115:545-553.
21. MacKenzie WR, Schell WL, Blair KA, Addiss DG, Peterson DE, Hoxie NJ, , **Kazmierczak JJ**, Davis JP. Massive outbreak of waterborne *Cryptosporidium* infection in Milwaukee, Wisconsin: Recurrence of illness and risk of secondary transmission. *Clin Infect Dis* 1995;21:57-62.
22. MacKenzie WR, Hoxie NJ, Proctor ME, Gradus MS, Blair KA, Peterson DE, **Kazmierczak JJ**, Addiss DG, Fox KR, Rose JB, Davis JP. A massive outbreak in Milwaukee of *Cryptosporidium* infection transmitted through the public water supply. *N Engl J Med* 1994;331:161-167.
23. **Kazmierczak JJ**, Sorhage FE. Current understanding of *Borrelia burgdorferi* infection, with emphasis on its prevention in dogs. *J Am Vet Med Assoc* 1993;203:1524-1528.

24. French JB, Schell WL, **Kazmierczak JJ**, Davis JP. Changes in population density and distribution of *Ixodes dammini* (Acari: Ixodidae) in Wisconsin during the 1980s. *J Med Entomol* 1992;29:723-728
25. **Kazmierczak JJ**, Davis JP. Lyme disease: Ecology, epidemiology, clinical spectrum, and management. *Adv Pediatrics* 1992;39:207-255.
26. **Kazmierczak JJ**, Burgess EC. Antibodies to *Borrelia* sp. in wild foxes and coyotes from Wisconsin and Minnesota. *J Wildlife Dis* 1989;25:108-111.
27. **Kazmierczak JJ**, Burgess EC, Amundson TE. Susceptibility of the gray wolf (*Canis lupus*) to infection with the Lyme disease agent, *Borrelia burgdorferi*. *J Wildlife Dis* 1988;24:522-527.
28. **Kazmierczak JJ**, Amundson TE, Burgess EC. Borreliosis in free-ranging black bears from Wisconsin. *J Wildlife Dis* 1988;24:366-368.

MMWR Contributions

1. Multistate Outbreak of Fungal Infection Associated with Injection of Methylprednisolone Acetate Solution from a Single Compounding Pharmacy — United States, 2012. *MMWR* 2012;61:839-842.
2. Rabies risk assessment of exposures to a bat on a commercial airliner – United States, August 2011. *MMWR* 2012;61:242-244.
3. Human Rabies – Wisconsin 2010. *MMWR* 2011;60:1164-1166.
4. Salmonellosis associated with pet turtles – Wisconsin and Wyoming, 2004. *MMWR* 2005;54:223-226.
5. Recovery of a patient from clinical rabies – Wisconsin, 2004. *MMWR* 2004;53:1171-1173.
6. Update: Multistate outbreak of monkeypox – Illinois, Indiana, Kansas, Missouri, Ohio, and Wisconsin, 2003. *MMWR* 2003;52:561-564.
7. Multistate outbreak of monkeypox – Illinois, Indiana, and Wisconsin, 2003. *MMWR* 2003;52:538-540.
8. Fatal degenerative neurologic illnesses in men who participated in wild game feasts – Wisconsin, 2002. *MMWR* 2003;52:125-127.

9. Human Rabies – California, Georgia, Minnesota, New York, and Wisconsin, 2000. MMWR 2000;49:1111-1115.
10. Reptile-associated salmonellosis – selected states, 1996-1998. MMWR 1999;48:1009-1013.
11. *Cryptosporidium* infections associated with swimming pools - Dane County, Wisconsin, 1993. MMWR 1994;43:561-563.
12. Outbreak of *Salmonella* Serotype Typhimurium infection associated with eating raw ground beef – Wisconsin, 1994. MMWR 1995;44:905-909.
13. Respiratory illness associated with inhalation of mushroom spores - Wisconsin, 1994. MMWR 1994;43:525-526.

Textbook Chapter

Chapter 8: Surveillance for Zoonotic Diseases

Mira J. Leslie & James J. Kazmierczak

in:

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