

# Abstracts and Publications by Recent EIS Officers at the Minnesota Dept. of Health

## Emily Silva, Ph.D., M.S., 2024-2026

1. Silva EL, Gerlach D, Medus C, Smith K. *Salmonella* Braenderup Restaurant Outbreak Investigation — Minnesota 2024. Presented at the 2025 EIS Annual Conference; April 22-25, 2025.
2. Silva EL, Gerlach D, Medus C, Smith K. Changing Transmission Source in a Restaurant-Associated *Salmonella* Outbreak — Minnesota 2024. Presented at the 2025 Council of State and Territorial Epidemiologists Conference; June 7-12, 2025.
3. Silva EL, Fails K, Porter L, et al. Enhanced Surveillance for Detection of Jail-Associated Invasive Group A *Streptococcus* Transmission—Minnesota, 2017–2023. To be presented at the 2026 EIS Annual Conference; April 21-24, 2026.
4. Silva EL, Fails K, Porter L, et al. Enhanced Surveillance for Detection of Jail-Associated Invasive Group A *Streptococcus* Transmission—Minnesota, 2017–2023. To be presented at the 2026 Council of State and Territorial Epidemiologists Conference; May 31-June 4, 2026.
5. Silva EL, Gahr P, Zipprich J, et al. Secondary cases of *Haemophilus influenzae* type a — Minnesota, 2025. *Public Health Alerts*. 2026. [Pre-submission].
6. Silva EL, Fails K, Porter L, et al. Enhanced Surveillance for Detection of Jail-Associated Invasive Group A *Streptococcus* Transmission—Minnesota, 2017–2023. *Open Forum Infectious Diseases*. 2026 [Pre-submission].
7. Hussman R, Silva EL, Billstein L, et al. Emergence of *Trichophyton mentagrophytes* genotype VII Infections in Minnesota. *Public Health Alerts*. 2026. [Pre-submission].

## Shama Cash-Goldwasser, M.D., M.P.H., 2022-2024

1. Cash-Goldwasser S, Labuda SM, McCormick DW, et al. Ocular Monkeypox - United States, July-September 2022. *MMWR Morbidity and Mortality Weekly Report*. 2022;71:1343-1347.
2. Hennessee I, Shelus V, McArdle CE, et al. Epidemiologic and Clinical Features of Children and Adolescents Aged <18 Years with Monkeypox - United States, May 17-September 24, 2022. *MMWR Morbidity and Mortality Weekly Report*. 2022;71(44):1407-1411.
3. Miller MJ,\* Cash-Goldwasser S\*, Marx GE, et al. Severe Monkeypox in Hospitalized Patients - United States, August 10-October 10, 2022. *MMWR Morbidity and Mortality Weekly Report*. 2022;71(44):1412-1417.
4. Minhaj FS, Petras JK, Brown JA, et al. Orthopoxvirus Testing Challenges for Persons in Populations at Low Risk or Without Known Epidemiologic Link to Monkeypox - United States, 2022. *MMWR Morbidity and Mortality Weekly Report*. 2022;71(36):1155-1158.
5. Kaiser RM\*, Cash-Goldwasser S\*, Lehnertz N, et al. Pharyngeal Co-Infections with Monkeypox Virus and Group A *Streptococcus*, United States, 2022. *Emerging Infectious Diseases*. 2023;29(9):1855-1858.

6. O'Shea J, Zucker J, Stampfer S, et al. Prolonged mpox disease in people with advanced HIV: characterization of mpox skin lesions. *The Journal of Infectious Diseases*. 2024;26;229(Supplement\_2):S243-S248.
7. Rao AK, Schrodtt CA, Minhaj FS, et al. Interim Clinical Treatment Considerations for Severe Manifestations of Mpox - United States, February 2023. *MMWR Morbidity and Mortality Weekly Report*. 2023;72(9):232-243.
8. Cash-Goldwasser S, et al. Human trichinellosis linked to bear meat from northern Canada – Arizona, Minnesota, and South Dakota, 2022. Presented at the 2023 EIS Annual Conference; April 24-27, 2023. Atlanta, GA. **Mackel Award Finalist**.
9. Cash-Goldwasser S. Human trichinellosis linked to bear meat from northern Canada – Arizona, Minnesota, and South Dakota, 2022. Presented at the 2023 Council of State and Territorial Epidemiologists annual conference; June 25-29, 2023. Salt Lake City, Utah.
10. Cash-Goldwasser S, et al. Outbreak of Human Trichinellosis Linked to Bear Meat Infected with Multiple Trichinella Species — Arizona, Minnesota, and South Dakota, 2022. Presented at IDWeek 2023. Oct 11-15, 2023; Boston, Massachusetts.
11. Cash-Goldwasser S, Beeson A, Marzec N, et al. Neuroinvasive Francisella tularensis Infection: Report of 2 Cases and Review of the Literature. *Clinical Infectious Diseases*. 2024;78(Supplement\_1):S55-S63.
12. Ritter JM, Martines RB, Bhatnagar J, et al. Pathology and monkeypox virus localization in tissues from immunocompromised patients with severe or fatal mpox. *The Journal of Infectious Diseases*. 2024;229(Supplement\_2):S219-S228.

## Melanie Firestone, Ph.D., M.P.H., 2020-2022

1. Firestone MJ, Thorell L, Kollmann L, Fess L, Ciessau G, Strain AK, Danila R, Lynfield R, Holzbauer S, and the UNEX Surveillance Team. Surveillance for unexplained deaths of possible infectious etiologies during the COVID-19 pandemic — Minnesota, 2020-2021. *Public Health Reports*. 2024. Doi: 10.1177/00333549231218283.
2. Eilers B, Adelbai-Fraser MD, Collado JR, Van Dyke M, Firestone M, Guinn AS, Dillon MT, Brostrom R, Kinzer MH, Muñoz N, Okumura K, Brown V, Ademokun O, Udui R, Uherbelau GJ, Hancock WT. Patient characteristics during early transmission of SARS-CoV-2, Palau, January 13-February 24, 2022. *Emerging Infectious Diseases*. 2023;29(9):1939-1941.
3. Holzbauer SM, Schrodtt CA, Prabhu RM, Asch-Kendrick RJ, Ireland M, Klumb C, Firestone MJ, Liu G, Harry K, Levine MZ, Orciari LA, Wilkins K, Ellison JA, Zhao H, Niezgoda M, Satheshkumar PS, Peterson BW, Rao AK, Bell WR, Forrest S, Gao W, Dasheiff R, Russell K, Wiseman A, Reichard RR, Smith KE, Lynfield R, Scheftel J, Wallace RM, Bonwitt J. Reply to Willoughby. *Clinical Infectious Diseases*. 2023;77(66):931-932.

4. Holzbauer SM, Schrodtt CA, Prabhu RM, Asch-Kendrick RJ, Ireland M, Klumb C, Firestone MJ, Liu G, Harry K, Ritter JM, Levine MZ, Orciari LA, Wilkins K, Yager P, Gigante CM, Ellison JA, Zhao H, Niezgoda M, Li Y, Levis R, Scott D, Satheshkumar PS, Petersen BW, Rao AK, Bell WR, Bjerk SM, Forrest S, Gao W, Dasheiff R, Russell K, Pappas M, Kiefer J, Bickler W, Wiseman A, Jurantee J, Reichard RR, Smith KE, Lynfield R, Scheftel J, Wallace RM, Bonwitt J. Human rabies infection with suspected host-mediated failure of post-exposure prophylaxis following a recognized bat exposure — Minnesota, 2021. *Clinical Infectious Diseases*. 2023;77 (8):1201-1208.
5. Dunajcik A, Haire K, Thomas, JD, Moriarty LF, Springer Y, Villanueva JM, MacNeil A, Silk B, Nemhauser JB, Byrkit R, Taylor M, Queen K, Tong S, Lee J, Batra D, Paden C, Henderson T, Kunkes A, Ojo M, Firestone M, Webb LM, Freeland M, Brown CM, Williams T, Allen K, Kauerauf J, Wilson E, Jain S, McDonald E, Silver E, Stous S, Wadford D, Radcliffe R, Marriott C, Owes JP, Bart SM, Sosa LE, Oakeson K, Wodniak N, Shaffner J, Brown Q, Westergaard R, Salinas A, Hallyburton S, Ogale Y, Offutt-Powell T, Bonner K, Tubach S, Van Houten C, Hughes V, Reeb V, Galeazzi C, Khuntia S, McGee S, Hicks JT, Patel DD, Krueger A, Huges S, Jeanty F, Wang JC, Lee EH, Assanah-Deane T, Tompkins M, Dougherty K, Naqvi O, Donahue M, Frederick J, Abdalhamid B, Powers AM, Anderson M. Travel history among persons infected with SARS-CoV-2 variants of concern in the United States, December 2020 - February 2021. *PLOS Global Public Health*. 2023;3(3).
6. Firestone MJ, Holzbauer S, Conelea C, Danila R, Smith K, Bitsko RH, Klammer SM, Gingerich S, Lynfield R. Rapid onset of functional tic-like behaviors among adolescent girls — Minnesota, September–November 2021. *Frontiers in Neurology*. 2023;13. doi: 10.3389/fneur.2022.1063261.
7. Prabhu R\*, Firestone MJ\*, Bergman K, Beaudoin A, Hale T, Lorentz A, Garfin J, Wang X, Holzbauer S. (2022) Use of Serial Testing to Interrupt a SARS-CoV-2 Outbreak on a Hospital Medical Floor — Minnesota, October–December 2020. *Infect Cont Hosp Epi*. 2023; 44(3):427-432.
8. Donnelly MAP, Chuey MR, Soto R, Schwartz NG, Chu VT [et al., including Firestone M] (2022) Household transmission of Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Alpha Variant-United States, 2021. *Clinical Infectious Diseases*. 75(1); E122-132.
9. Chu VT, Schwartz NG, Donnelly MAP, Chuey MR, Soto R [et al., including Firestone MJ] (2022) Comparison of home antigen testing with RT-PCR and viral culture during the course of SARS-CoV-2 infection. *JAMA Internal Medicine*. 182(7); 701-709.
10. Gee JE, Bower WA, Kunkel A, Petras J, Gettings J, Bye M, Firestone M, Elrod MG, Liu L, Blaney DD, Zaldivar A, Raybern C, Ahmed FS, Honza H, Stonecipher S, O’Sullivan BJ, Lynfield R, Hunter M, Brennan S, Pavlick J, Gabel J, Drenzek C, Geller R, Lee C, Ritter JM, Zaki SR, Gulvik CA, Wilson WW, Beshearse E, Currie BJ, Webb JR, Weiner ZP, Negron ME, Hoffmaster AR. Imported aromatherapy spray associated multi-state outbreak of Melioidosis. *New Eng J Med*. 2022;386(9):861-8.

11. Suhs T, Gerlach D, Garfin J, Lorentz A, Firestone M, Sherden M, Hackman K, Gray T, Siebman S, Wienkes H, Vilen K, Wang X, Como-Sabetti K, Danila R, Smith K, Medus C. COVID-19 Outbreak Associated with a Fitness Center - Minnesota, September–November 2020. *Clin Infect Dis.* 2021; 74(7); 1265-1267.
12. Carter RJ, Rose D, Sabo R, [et al, including Firestone MJ]. Widespread SARS-CoV-2 transmission among attendees at a large motorcycle rally and their contacts, 30 US jurisdictions, August–September, 2020. *Clin Infect Dis.* 2021;73(Suppl 1):S106-S109.
13. Firestone MJ, Lorentz AJ, Meyer S, Wang X, Como-Sabetti K, Vetter S, Smith K, Holzbauer S, Beaudoin A, Garfin J, Ehresmann K, Danila R, Lynfield R. (2021) First identified cases of SARS-CoV-2 Variant P.1 in the United States – Minnesota, January 2021. *MMWR.* 2021; 70(10):346-7.
14. Firestone MJ, Lorentz AJ, Wang X, Como-Sabetti K, Vetter S, Smith K, Holzbauer S, Meyer S, Ehresmann K, Danila R, Lynfield R. First identified cases of SARS-CoV-2 Variant B.1.1.7 in Minnesota – December 2020–January 2021. *MMWR.* 2021;70(8):278-279.
15. Firestone MJ, Wienkes H, Garfin J, Wang X, Vilen K, Smith KE, Holzbauer S, Plumb M, Pung K, Medus C, Yao JD, Binnicker MJ, Nelson AC, Yohe S, Como-Sabetti K, Ehresmann K, Lynfield R, Danila R. COVID-19 outbreak associated with a 10-day motorcycle rally in a neighboring state – Minnesota, August–September 2020. *MMWR.* 2020;69(47):1771-6.
16. Firestone MJ, Larson L, Kollmann L, Fess, L, Ciessau G, *et al.* Surveillance for Unexplained Deaths of Possible Infectious Etiologies during the COVID-19 Pandemic – Minnesota 2020–2021. Council of State and Territorial Epidemiologists Annual Conference; June 2023; Salt Lake City, UT.
17. Firestone MJ, Klumb C, Bauck L, Robinson, T, Scheffel J, Smith K. Animal agriculture exposures among Minnesota residents with *Cryptosporidium parvum* infection – 2012–2019. Council of State and Territorial Epidemiologists Annual Conference; June 2023; Salt Lake City, UT.
18. Firestone MJ, Larson L, Kollmann L, Fess L, Ciessau G, *et al.* Surveillance for unexplained deaths of possible infectious etiologies during the COVID-19 pandemic — Minnesota, 2020–2021. Poster presented at Training Programs in Epidemiology and Public Health Interventions Network (TEPHINET) Global Scientific Conference; September 2022; Panama City, Panama. Holzbauer SM, Schrodt CA, Prabhu RM, Asch-Kendrick RJ, Ireland M, Klumb C, Firestone MJ, Liu G, Harry K, Ritter JM, Levine MZ, Orciari LA, Wilkins K, Yager P, Gigante CM, Ellison JA, Zhao H, Niezgodna M, Li Y, Levis R, Scott D, Satheskumar PS, Petersen BW, Rao AK, Bell WR, Bjerk SM, Forrest S, Gao W, Dasheiff R, Russell K, Pappas M, Kiefer J, Bickler W, Wiseman A, Jurantee J, Reichard RR, Smith KE, Lynfield R, Scheffel J, Wallace RM, Bonwitt J. Rabies infection with suspected host-mediated failure of post-exposure prophylaxis following a recognized bat exposure — Minnesota, 2021. Poster presented at International Conference on Emerging Infectious Diseases; August 2022; Atlanta, GA.
19. Firestone MJ, Holzbauer S, Smith K, Danila R, Bitsko R, Klammer SM, Gingerich S, Lynfield R. Rapid Onset of Functional Tic-like Behaviors Among Adolescent Girls — Minnesota, September–November 2021. Presented at CSTE Annual Conference; June 19–23, 2022; Louisville, KY.

20. Firestone MJ, Holzbauer S, Smith K, Danila R, Bitsko R, Klammer SM, Gingerich S, Lynfield R. Rapid Onset of Functional Tic-like Behaviors Among Adolescent Girls — Minnesota, September–November 2021. Presented at EIS Annual Conference; May 1-5, 2022; Atlanta, GA.
21. Petras JK, Kunkel A, Gettings J, Firestone M, Wilson W et al. Imported aromatherapy spray associated multi-state outbreak of melioidosis — Georgia, Kansas, Minnesota, Texas 2021. Presented at EIS Annual Conference; May 1-5, 2022; Atlanta, GA.
22. Firestone MJ, Wienkes H, Garfin J, Wang X, Vilen K, Smith KE, Holzbauer S, Medus S, Lynfield R, Danila R, and the Motorcycle Rally Outbreak Investigation Team. COVID-19 outbreak associated with a 10-day motorcycle rally in a neighboring state — Minnesota, August-September 2020. Presented at CSTE Annual Conference; June 13-16, 2022; Virtual.
23. Firestone MJ, Wienkes H, Garfin J, Wang X, Beaudoin A, Fell A, Gerlach DE, Medus C, Smith KE, Holzbauer S. COVID-19 outbreak in a healthcare facility associated with a wedding — Minnesota, September–October 2020. Presented at CSTE Annual Conference; June 13-16, 2022; Virtual.
24. Suhs T, Gerlach D, Garfin J, Lorentz A, Firestone M, Siebman S, Wienkes H, Vilen K, Wang X, Como-Sabetti K, Danila R, Smith K, Medus C. COVID-19 outbreak associated with a fitness center — Minnesota, September–November 2020. Presented at CSTE Annual Conference; June 13-16, 2022; Virtual.

## Joanne Taylor, Ph.D., B.V.Sc., 2018-2020

1. Taylor J, Holzbauer S, Wanduragala D, Ivaskovic A, Spinosa R, Smith K, Corcoran J, Jensen A. Acute intoxications from consumption of *Amanita muscaria* mushrooms — Minnesota, 2018. *MMWR*. 2019;68(21):483–4.
2. Taylor J, Wiens T, Peterson J, Saravia S, Lunda M, Hanson K, Wongen M, D’Heilly P, Margetta J, Bye M, Cole C, Mumm E, Schwerzler L, Makthal R, Danila R, Lynfield R, Holzbauer S. Characteristics of E-cigarette, or vaping, products used by patients with associated lung injury and those seized by law enforcement— Minnesota, 2018 and 2019. *MMWR*. 2019;68(47):1096-1100.
3. Taylor J, Snippes-Vagnone P, Smith K, Walters J, Wengenack N, Deml S, Ferrieri P, Lynfield R. Characteristics of clinical extrapulmonary nontuberculous mycobacteria Isolates in Minnesota, 2013–2017. *Minn Med*. 2020;May/June:39-43.
4. Taylor J, Carter RJ, Lehnertz N, Kazazian L, Sullivan M, Wang X, Garfin J, Diekman S, Plumb M, Bennet ME, Hale T, Vallabhaneni S, Namugenyi S, Carpenter D, Turner-Harper D, Booth M, Coursey EJ, Martin K, McMahon M, Beaudoin A, Lifson A, Holzbauer S, Reddy SC, Jernigan JA, Lynfield R, Minnesota Long-Term Care COVID-19 Response Group. Serial testing for SARS-CoV-2 and virus whole genome sequencing inform infection risk at two skilled nursing facilities with COVID-19 outbreaks — Minnesota, April–June 2020. *MMWR*. 2020;69(37):1288–95.

5. Fell A, Beaudoin A, D’Heilly P, Mumm E, Cole C, Tourdot L, Ruhland A, Klumb C, Rounds J, Bailey B, Liverseed G, Peterson M, Mahoehney JP, Ireland M, Bye M, Setty S, Leeds M, Taylor J, Holzbauer S, Minnesota Department of Health COVID-19 HCW Monitoring Response Team, Minnesota Department of Health COVID-19 Response Taskforce. SARS-CoV-2 exposure and infection among health care personnel — Minnesota, March 6–July 11, 2020. *MMWR*. 2020;69(43):1605-10.
6. Cole C, Wiens T, Taylor J, Danila R, D’Heilly P, Margetta J, Bye M, Mumm E, Schwerzler L, Makhtal R, Holzbauer S, Lynfield R. Vaping, lung injury, and mental health in Minnesota 2018–2019. *Minn Med*. 2021;May/June: 41-5.
7. Lehnertz NB, Wang S, Garfin J, Taylor J, Zipprich J, VonBank B, Martin K, Eikmeier D, Medus C, Wiedinmyer B, Bernu C, Plumb M, Pung K, Honein MA, Carter R, MacCannell D, Smith KE, Como-Sabeti K, Ehresmann K, Danila R, Lynfield R. Transmission dynamics of severe acute respiratory syndrome coronavirus 2 in high-density settings, Minnesota, USA, March-June 2020. *Emerg Infect Dis*. 2021;27(8):2052-63.
8. Lehnertz NB, Lifson A, Galloway E, Taylor J, Carter RJ, Kazazian L, Day K, Miller S, Mendez E, Lynfield R. Temperature and oxygen saturation in skilled nursing facility residents positive for SARS-CoV-2 prior to symptom onset. *J Am Geriatr Soc*. 2022;70(2):363-9.
9. Wiens T, Taylor J, Cole C, Saravia S, Peterson J, Lunda M, Margetta J, D’Heilly P, Holzbauer S, Lynfield R. Lessons Learned from the E-cigarette, or Vaping, Product Use-Associated Lung Injury (EVALI) Outbreak Response — Minnesota, 2019–2020. 2021. *Public Health Reports*. doi: [10.1177/00333549211051394](https://doi.org/10.1177/00333549211051394)
10. Burke R, Calderwood L, Killerby M, Ashworth C, Bressler J, Berns A, Brennan S, Harduar-Morano L, Lewis N, Markus T, Newton S, Read J, Rissman T, Taylor J, Tate J, Midgley C. Patterns of Exposure and Presumed Household Transmission Among Persons Diagnosed with COVID-19 in the First Stages of the Pandemic—United States, January – April, 2020. *Emerging Infectious Diseases*. 2021;Sep;27(9):2323.
11. Burke, R. M., Killerby, M. E., Newton,... Taylor, J., Tate, J., Midgley, C. (2020). Symptom profiles of a convenience sample of patients with covid-19—United States, January–April 2020. *MMWR Morb Mortal Wkly Rep*. 2020;69(28):904.
12. Roxby AC, Greninger AL, Hatfield KM, Lynch JB, Dellit TH, James A, Taylor J, Page LC, Kimball A, Arons M, Munanga A, Stone N, Jernigan JA, Reddy SC, Lewis J, Cohen SA, Jerome KR, Duchin JS, Neme S. Detection of SARS-CoV-2 Among Residents and Staff of An Independent/Assisted Living Community for Older Adults in Seattle, Washington. *JAMA Internal Medicine* 2020. doi: 10.1001
13. Arons MM, Hatfield KM, Reddy SC, Kimball A, James A, Jacobs JR, Taylor J, Spicer K, Bardossy AC, Oakley LP, Tanwar S. Presymptomatic SARS-CoV-2 infections and transmission in a skilled nursing facility. *New England Journal Medicine*. 2020. Apr 24. doi: 10.1056/NEJMoa2008457.

14. Kimball A, Hatfield K, Arons M, James A, Taylor J, Spicer K, Bardossy C, Oakley L, Tanwar S, Chisty Z, Bell J, Jacobs J, Carlson C, McLaughlin H, Stone N, Clark S, Bostrom-Smith C, Page L, Kay M, Lewis J, Duchin J, Clark T, Honein M, Reddy SC, Jernigan J. Asymptomatic and Pre-symptomatic SARS-CoV-2 Infections in a Skilled Nursing Facility — King County, Washington, *MMWR Morb Mortal Wkly Rep* 2020;69(13);377–381.
15. Roxby AC, Greninger AL, Hatfield KM, Lynch JB, Dellit TH, James A, Taylor J, Page LC, Kimball A, Arons M, Schieve L. Detection of SARS-CoV-2 Among Residents and Staff Members of an Independent and Assisted Living Community for Older Adults — Seattle, Washington, 2020. *MMWR Morb Mortal Wkly Rep.* 2020;69(14):416.
16. McMichael TM, Clark S, Pogosjans S, et al. COVID-19 in a Long-Term Care Facility — King County, Washington, February 27 – March 9, 2020. *MMWR Morb Mortal Wkly Rep.* ePub: 18 March 2020;69(12);339-342. (Collaborating Author).
17. McMichael TM, Currie, DW, Clark S, et al. COVID-19 in a Long-Term Care Facility in King County, Washington. *New England Journal Medicine* 27 March 2020; DOI: 10.1056/NEJMoa2005412. (Collaborating Author).
18. Taylor J, Snippes Vagnone P, Smith K, Walters J, Wengenack N, Deml S, Hansen G, Lynfield R. Extrapulmonary nontuberculous Mycobacterial infections — Minnesota, 2013–2017. Presented at 68th Annual EIS Conference, April 29-May 2, 2019; Atlanta, GA.
19. Taylor J, Bye M, Sweet K, Smith K, Holzbauer S. Community-associated *Clostridium difficile* infection and antibiotic exposure — Minnesota, 2009–2016. Presented at 68th Annual EIS Conference, April 29-May 2, 2019; Atlanta, GA.
20. Taylor J, Bye M, Sweet K, Smith K, Holzbauer S. Community-associated *Clostridium difficile* infection and antibiotic exposure — Minnesota, 2009–2016. Presented at CSTE Annual Conference, June 2-6, 2019; Raleigh, NC.
21. Taylor J, Snippes Vagnone P, Smith K, Walters J, Wengenack N, Deml S, Hansen G, Lynfield R. Extrapulmonary nontuberculous Mycobacteria infections — Minnesota, 2013–2017. Presented at CSTE Annual Conference, June 2-6, 2019; Raleigh, NC.
22. Johnson SS, Holzbauer S, Whitten T, Bye M, Ireland M, Taylor J, Klumb C, Kohlmann L, Wheeler C, Cater J, Scheftel J. Tail of a rabid puppy: Lessons learned. Presented at CSTE Annual Conference, June 2-6, 2019; Raleigh, NC.
23. Taylor J, Snippes Vagnone P, Smith K, Walters J, Wengenack N, Deml S, Hansen G, Lynfield R. Extrapulmonary nontuberculous Mycobacterial infections — Minnesota, 2013–2017. Presented at Society for Epidemiologic Research, June 18-21, 2019; Minneapolis, MN.
24. Taylor J, Bye M, Sweet K, Smith K, Holzbauer S. Community-associated *Clostridium difficile* infection and antibiotic exposure — Minnesota, 2009–2016. Presented at Society for Epidemiologic Research, June 18-21, 2019; Minneapolis, MN.
25. Taylor J, Jawahir S, Eikmeier D, Decuir M, Boxrud D, Medus C, Smith K. Comparison of whole-genome sequencing analysis methods to determine optimal difference thresholds for *Salmonella* cluster detection and investigation — Minnesota, 2017–2018. 69th Annual EIS Conference, May 4-7, 2020; Atlanta, GA. Accepted – Conference cancelled due to COVID-19.

26. Taylor J, Wiens T, Peterson J, Saravia S, Lunda M, Hanson K, Wogen M, D’Heilly P, Margetta J, Bye M, Cole C, Mumm E, Schwerzler L, Makhtal R, Danila R, Lynfield R, Holzbauer S. Characteristics of e-cigarette, or vaping, products used by patients with associated lung injury, and seized by law enforcement—Minnesota, 2018–2019. 69th Annual EIS Conference, May 4-7, 2020; Atlanta, GA. Accepted – Conference cancelled due to COVID-19. **Mackel Award Finalist.**
27. Mumm E, Taylor J, Wiens T, D’Heilly P, Cole C, Margetta J, Bye M, Fell A, Beaudoin A, Danila R, Holzbauer S, Lynfield R. Clinical factors associated with severity of e-cigarette, or vaping, product use-associated lung injury (EVALI) – Minnesota, 2019. Presented at CSTE Annual Conference, June 13-16, 2021.
28. Cole C, Wiens T, Taylor JK, D’Heilly P, Margetta J, Bye M, Mumm ES, Schwerzler L, Makhtal R, Danila RN, Lynfield R, Holzbauer S. Prevalence of mental health disorders among E-cigarette, or vaping, product use-associated lung injury cases in Minnesota and in two large, population-based samples. Presented at CSTE Annual Conference, June 13-16, 2021.

## Victoria Hall, D.V.M., M.S., 2016-2018

1. Hall V, Kenyon C, Banerjee E, Strain A, Griffith J, Como-Sabetti K, Heath J, Bahta L, Martin K, McMahon M, Johnson D, Roddy M, Dunn D, Ehresmann K. Measles outbreak – Minnesota April-May 2017. *MMWR*. 2017;66 (25):713-7.
2. Hall V, Medus C, Wahl G, Sorenson A, Orth M, Santovenia M, Burdette E, Smith K. Notes from the field: *Vibrio cholerae* serogroup O1, serotype Inaba — Minnesota, August 2016. *MMWR* 2017; 66: 961–2.
3. Hall V, Walker WL, Lindsey NP, Lehman JA, Kolsin J, Landry K, Rabe IB, Hills SB, Fischer M, Staples E, Gould CV, Martin SW. Update: Noncongenital Zika virus disease cases — 50 U.S. states and the District of Columbia, 2016. *MMWR* 2018;67:265–269.
4. Hall V, Scheftel J, Holzbauer S, Smith K. Gastrointestinal illness among contract construction workers at a chicken processing facility — Minnesota, 2016. *Am J Indust Med*. 2019;62(2):175-9.
5. Hall V, Lynfield R, Wright N, Hiber L, Palm J, Christensen J, Smith K, Holzbauer S. Deaths associated with opioid use and possible infectious disease etiologies among persons in the Unexplained Death (UNEX) Surveillance System — Minnesota, 2006–2015. Presented at CSTE Annual Conference; June 4-7, 2017; Boise, ID.
6. Hall V, Scheftel J, Holzbauer S, Smith K. Gastrointestinal illness in contract workers at a poultry processing facility — Minnesota, 2016. Presented at CSTE Annual Conference; June 4-7, 2017; Boise, ID.
7. Hall V, Lynfield R, Wright N, Hiber L, Palm J, Christensen J, Smith K, Holzbauer S. Deaths associated with opioid use and possible infectious disease etiologies among persons in the Unexplained Death (UNEX) Surveillance System — Minnesota, 2006–2015. Presented at 2017 Epidemic Intelligence Service Conference, April 24-27, 2017. Atlanta GA.

8. Martin K, Mody RK, DeSilva M, Banerjee E, Strain AK, Holzbauer S, Kenyon C, McMahon M, Rota PA, Gastanaduy PA, Muscoplat M, Hall V, Ehresmann K. Sorting the wheat from the chaff: Vaccine-associated rash illness occurring amidst a large measles outbreak — Minnesota, 2017. *IDWeek*, October 3-8, 2017, San Diego, CA.

## **Pamela Talley, M.D., M.P.H., 2014-2016**

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## **Sarah Kemble, M.D., 2010-2012**

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