

## Aaron M. Wendelboe, PhD, MSPH

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### EDUCATION/FELLOWSHIPS

<u>Epidemic Intelligence Service Officer</u> Duty Station: New Mexico Department of Health/Epidemiology and Response Division <i>Centers for Disease Control and Prevention</i>	2006–2008
<u>Doctor of Philosophy, Epidemiology</u> Infectious Diseases Dissertation: The Transmission of <i>Bordetella pertussis</i> to Young Infants <i>School of Public Health, University of North Carolina at Chapel Hill</i>	2006
<u>Master of Science in Public Health</u> <i>School of Medicine, University of Utah, Salt Lake City, UT</i>	2002
<u>Bachelor of Science</u> Major: Microbiology, Minor: Chemistry <i>Brigham Young University, Provo, UT</i>	2000

### ACADEMIC POSITIONS

<u>Chair</u> – Department of Biostatistics and Epidemiology, Hudson College of Public Health, University of Oklahoma Health Sciences Center	2023-present
<u>Professor with tenure</u> – Department of Biostatistics and Epidemiology Hudson College of Public Health, University of Oklahoma Health Sciences Center	2021-present
<u>Associate Professor with tenure</u> – Department of Biostatistics and Epidemiology Hudson College of Public Health, University of Oklahoma Health Sciences Center	2015-2021
<u>Assistant Professor</u> – Department of Biostatistics and Epidemiology Hudson College of Public Health, University of Oklahoma Health Sciences Center	2008-2015
<u>Adjunct Professor</u> College of Nursing, University of Oklahoma Health Sciences Center	2012-2017

### PROFESSIONAL EXPERIENCE

<u>Interim State Epidemiologist</u> – Oklahoma State Department of Health, Oklahoma City, OK	2020
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Chief Executive Officer- Bayesic Technologies, LLC, Oklahoma City, OK 2016-present  
Current projects: Statistical Software, Care Coordination Apps

Consultant 2014-present

- Communiqué on Ebola Virus Disease for Media Personnel. Cox Communications. Higgins and Associates. October 10, 2014.
- Bristol-Myers Squibb. Patient Advocacy Meeting for Venous Thromboembolism. New York City. April 2015
- GuidePoint. Carrington House, London, United Kingdom. 2017-present

Epidemiologist – Office of Public Health Surveillance and Research, Veterans Health Administration, Palo Alto, CA 2010–2017

Epidemiologist/Intern – North Carolina Department of Health and Human Services 2003  
Manage databases of reportable diseases for HIV (HIV/AIDS Reporting System) and syphilis (Sexually Transmitted Diseases Management Information System)

Graduate Research Assistant – University of North Carolina at Chapel Hill 2002–2006  
Conducted epidemiologic research on *Bordetella pertussis*, HIV/AIDS, syphilis, and *Mycobacterium tuberculosis*

Research Assistant – National Cancer Institute 2001-2002  
Developed non-cancer related research projects, designed databases in Microsoft Access for improved data management, Administered pilot questionnaires to participants of Prostate, Lung, Colorectal, and Ovarian Cancer Screening Trial

Nurse’s Assistant – Orem Nursing and Rehabilitation Center 2000  
Performed patient care activities

Research Assistant in Immunology Lab (NIH Funded) – Brigham Young University 1998  
Quantified HIV on Follicular Dendritic Cell using immunohistochemistry staining, Western Blots, and electrophoresis; cultured, counted and diluted bacteria lines; cared for mice in P3 facility; used dark room photography

Research Assistant Electron Microscopy Lab (NIH funded) – Brigham Young University 1998–2000  
Visualized HIV on the Follicular Dendritic Cell using both transmission electron microscope and scanning electron microscope

## U.S. MILITARY/UNIFORMED SERVICE

Lieutenant – active duty 2006–2008  
U.S. Public Health Service, Commissioned Corps

## HONORS

- Don J. Blair Friend of Medicine Award, Oklahoma State Medical Association • 2022
- Educators for Excellence, University of Oklahoma Health Sciences Center • 2022
- Prevention in Practice Award, Physicians’ Campaign for a Healthier Oklahoma, Oklahoma State Medical Association • 2021
- Edward E. and Helen T. Bartlett Foundation Chair in Public Health • 2020

- Williams Companies Presidential Professorship, University of Oklahoma Health Sciences Center • 2018
- Outstanding Faculty Award in Research and Scholarly Achievement • 2015
- Junior Investigator Research Award: OU Center for Intelligence and National Security, an Intelligence Community Center for Academic Excellence • 2015
- Provost Research Award for Junior Faculty, University of Oklahoma Health Sciences Center • 2014
- Outstanding Teacher and Mentor, Dept. of Biostatistics and Epidemiology, College of Public Health, University of Oklahoma Health Sciences Center • 2010
- Achievement Medal, U.S. Public Health Service • 2009
- Poster Session Award, Society for Epidemiologic Research • 2009
- Commissioned Corps Training Ribbon, U.S. Public Health Service • 2007
- Phi Kappa Phi Honor Society • 2002
- Delta Omega Honor Society, Alpha Theta Chapter • 2002
- Eagle Scout Award • 1989

**MEMBERSHIPS**

- International Society of Thrombosis and Haemostasis
- American Society of Hematology
- Thrombosis & Hemostasis Societies of North America
- International Society on Disease Surveillance
- Society for Epidemiologic Research
- Academy Health

**SCHOLARSHIP**

*RESEARCH SUPPORT*

<u>Building Capacity for and Promoting Awareness of Evidence-based Prevention and Management of Chronic Venous Thromboembolism</u> PI: Aaron Wendelboe Total Direct Costs: \$1,099,008 Role: PI	Source: CDC Grant #: 1NU58DP007717 % Effort: 12.5%	9/30/2023- 9/29/2027
<u>Improving provider knowledge and confidence in the delivery of evidence-based COVID-19 care to high-risk patients in the ambulatory setting.</u> PI: Aaron Wendelboe Total Direct Costs: \$158,699 Role: PI	Source: Pfizer Global Medical Grants: 86930201 % Effort: 15%	05/01/2023- 04/30/24
<u>NARCH 12</u> PI: Mark Doescher Total Direct Costs: \$4,239,567 Role: Investigator	Source: NIH/NIGMS Contract #: 1S06GM146122-01 % Effort: 5%	04/2022-03/2026

<u>IPA with CDC for Venous Thromboembolism</u> PI: Aaron Wendelboe Total Direct Costs: \$41,580.70	Source: CDC Contract #: 23IPA2315106 % Effort: 20%	11/01/2022- 04/14/2025
<u>PIPP Phase 1: Next Generation Surveillance Incorporating Public Health, One Health, and Data Science to Detect Emerging Pathogens of Pandemic Potential</u> PI: David Ebert Total Direct Costs: \$999,977 Role: Investigator	Source: NSF Contract #: 2200299 % Effort: 7%	08/01/22- 01/31/24
<u>Building Surveillance and Outbreak Investigation Capacity Southern Plains Tribal Epi Center</u> PI: Aaron Wendelboe Total Direct Costs: \$30,000	Source: Southern Plains Tribal Epidemiology Center Contract#: TBD % Effort: 20%	09/30/21- 09/29/22
<u>COVID and Beyond – Active Community Engagement</u> PI: Aaron Wendelboe Total Direct Costs: \$200,000	Source: CDC Contract#: 20212167 % Effort: 20%	07/01/21- 06/30/23
<u>Achieving a Healthy Oklahoma</u> PI: Gary Cox Role: Investigator	Source: Internal Contract#: MISCA-PBH1PHPC % Effort: 10%	07/01/21- 08/31/22
<u>UNSA/OU Alianza Institute: Public Health Monitoring and Decision Making</u> PI: Wendelboe Total Direct Costs: \$25,000	Source: OU Norman Contract#: 20220849 % Effort: 15%	11/01/21- 09/30/22
<u>Enhance Support to Collect COVID-19 Data on People with Coagulopathies–Part 2</u> PI: Gary Raskob Total Direct Costs: \$145,000 Role: Co-PI	Source: CDC Grant#: 6 NU38OT000280-04-01 % Effort: 15%	09/01/21- 07/31/22
<u>Community Engagement and Capacity Building to Advance Health Literacy in Oklahoma City</u> PI: Ann Chou Total Costs: \$600,000 Role: Investigator	Source: HHS Office of Minority Health Contract#: 1206-22 % Effort: 5%	01/01/21- 06/30/23
<u>Extending Timely Information about the Safety and Efficacy of the COVID-19 vaccination to Address Vaccine Hesitancy in Rural Counties in Oklahoma</u> PI: Aaron Wendelboe Total Direct Costs: \$245,000	Source: HRSA Contract#: % Effort: 15%	07/03/21- 07/30/22

<u>Expanding COVID-19 testing and wrap-around services among vulnerable populations</u> PI: Aaron Wendelboe Total Direct Costs: \$249,867	Source: CDC Foundation Contract#: ORA00023877 % Effort: 5%	02/01/21- 01/31/22
<u>Infectious Disease Epidemiology and COVID-19 Response</u> PI: Aaron Wendelboe	Source: Oklahoma City County Health Department Contract#: ORA00023397 % Effort: 10%	01/01/21- 12/31/21
<u>Oklahoma Shared Clinical and Translational Resources: RADx-UP</u> PI: Judith James Total Direct Costs: \$3,437,767 Role: Investigator	Source: NIH Grant#: U54GM104938 % Effort: 5%	09/25/20- 06/30/23
<u>Enhance Support to Collect COVID-19 Data on People with Coagulopathies</u> PI: Gary Raskob Total Direct Costs: \$109,022 Role: Co-PI	Source: CDC Grant#: 6 NU38OT000280-02-01-21-8814 % Effort: 30%	06/15/20- 06/30/21
<u>Evaluation, Analysis, and Dissemination of Population-based Cancer-associated Venous Thromboembolism (VTE) Data</u> PI: Aaron Wendelboe Total Direct Costs: \$243,800	Source: CDC Grant #: 6 NU38OT000280-02-01-20-8813 % Effort: 40%	08/01/19- 07/31/21
<u>Investigating the Evolving Landscape of Opioid and Marijuana Use among the HIV-infected Population in Oklahoma</u> PI: Aaron Wendelboe Total Direct Costs: \$49,879	Source: Presbyterian Health Foundation Grant#: GRF00003018 % Effort: 20% Contributed	07/01/19- 06/30/21
<u>Development of a User-Friendly Bayesian Software Package: Proof of Concept</u> PI: Aaron Wendelboe Total Direct Costs: \$166,298 Subcontract to OUHSC: \$74,110	Source: NIH/NIGMS Grant#: 1R41GM126615-01A1 % Effort: 20%	09/01/18- 08/31/19
<u>Evaluation, analysis, and dissemination of population-based cancer-associated venous thromboembolism (VTE) data</u> PI: Gary Raskob Total Direct Costs: \$134,245 Role: Co-PI	Source: CDC Grant#: 6 NU38OT000280-01-01 % Effort: 25%	09/01/18- 08/31/19

<u>HIV-HCV Vulnerability Analysis</u> PI: Aaron Wendelboe Total Direct Costs: \$65,170	Source: OSDH Contract Parent Grant#: TP18-1802 % Effort: 10%	10/01/18- 09/30/19
<u>Using Surveillance Data to Evaluate an Automated Information Extraction Tool for Identification of Venous Thromboembolism in Electronic Health Records</u> PI: Aaron Wendelboe Total Direct Costs: \$152,669	Source: CDC Grant#: 5U36OE000002 % Effort: 20%	08/15/16- 08/14/17
<u>Population-based Surveillance for Deep Vein Thrombosis and Pulmonary Embolism</u> PI: Aaron Wendelboe Total Direct Costs: \$142,061	Source: CDC Grant#: 5U36OE000002 % Effort: 20%	10/01/2015- 09/30/2016
<u>Population-based Surveillance for Deep Vein Thrombosis and Pulmonary Embolism</u> Co-PI: Aaron Wendelboe Co-PI: Gary Raskob Total Direct Costs: \$652,174	Source: CDC Grant#: 5U50DD000899-02 % Effort: 15% to 45%	04/01/2012- 03/31/2015
<u>Epidemiologic Analysis of Healthcare-related data for the VA Office of Public Health Surveillance and Research</u> Contract PI: Aaron Wendelboe Total Direct Costs (2010-2017): \$253,963.20	Source: Veterans Administration Palo Alto Grant#: 20110290, 20121584, 20140459, 20150423 % Effort: 30%	09/01/2010- 6/30/2014 09/01/2014- 09/31/2017
<u>Oklahoma Health Information Exchange Trust</u> PI: Ann Chou Total Direct Costs: \$102,597 Role: Investigator	Source: Oklahoma Health Information Exchange Trust Grant#: No Number % Effort: 10%	07/01/13 – 01/31/14
<u>Case Control Study of Necrotizing Enterocolitis</u> PI: Aaron Wendelboe Total Direct Costs: \$19,410	Source: NIH/Division of Loan Repayment Grant#: 1L40AI090952-01 % Effort: 50%	07/01/2010- 06/30/2012
<u>Analysis of the Oklahoma State Immunization Information System</u> PI: Aaron Wendelboe Total Direct Costs: \$36,017	Source: Oklahoma State Department of Health Grant#: PO#3409014944 % Effort: 24% for 6 months	07/01/2010- 06/30/2011

## *TRAINING & EDUCATIONAL SUPPORT*

<u>Public Health Preparedness and Response (PHPR) Cooperative Agreement for All-Hazards Public Health Emergencies: ZIKA 2016</u> PI: Aaron Wendelboe Total Direct Costs: \$125,359	Source: CDC via Oklahoma State Department of Health Grant#: 93.069 % Effort: 25%	03/01/16-07/31/17
<u>Southwest Preparedness and Emergency Response Learning Center</u> PI: Vicki Tall Chief Total Direct Costs: \$2,296,042	Source: CDC Grant#: 5U90TP000420-04 Role: Investigator % Effort: 5% to 25%	09/30/2010-09/29/2015
<u>Southwest Public Health Training Center</u> PI: Daniel Boatright Total Direct Costs: \$1,947,868	Source: HRSA Grant#: 5UB6HP20183-04-00 Role: Investigator % Effort: 5% to 25%	09/01/2010-08/31/2014
<u>Southwest Center for Public Health Preparedness</u> PI: Brenda Elledge Total Direct Costs: \$970,684.09	Source: CDC Grant#: 5U90TP62460-05 Role: Investigator % Effort: 9% to 40%	09/01/2009-08/09/2010

## *OTHER FUNDING SUPPORT*

<u>Epidemiology and Laboratory Capacity for Infectious Disease and COVID-19 CARES</u> PI: Aaron Wendelboe Total Direct Costs: \$98,336,586	Source: CDC Grant#: NU50CK000535-01	08/01/19-07/31/24
<u>Translating Software Development from Concept to the Marketplace through the Innovation Corps</u> PI: Aaron Wendelboe Total Direct Costs: \$54,852	Source: NIH/NIGMS Grant#: 1R41GM126615-01A1S1 % Effort: 2%	09/01/18-08/31/19

## *INSTRUCTIONAL MATERIALS*

1. Ebola Virus Disease: Training for Front-line Health Care Workers. 2014. Southwest Preparedness and Emergency Response Learning Center.
2. CDC. Solve the Outbreak: Become a Disease Detective. Version 2. Free Downloadable App. Outbreak of E. coli in 26 States. 2014. <http://www.cdc.gov/mobile/applications/sto/>
3. Online course offering of BSE 5113 Principles of Epidemiology, University of Oklahoma Health Sciences Center. (Coordinated the development of the course and developed three online lectures.) Professor of record and mentor to instructor. Spring semesters 2011,2012, 2013, 2014; Fall 2014

4. Title VI and Cultural Competency in Public Health. North Carolina Center for Public Health Preparedness. September 2004.  
<https://wi.train.org/DesktopModules/eLearning/CourseDetails/CourseDetailsForm.aspx?courseId=1002453>; <http://www.training-source.org/learn/course/category.php?id=147>
5. Avian Influenza Training Module. North Carolina Center for Public Health Preparedness. March 2004. <http://cphp.sph.unc.edu/panflu/>
6. Hegmann KT, **Wendelboe AM**. Science of Medicine: Introduction to Biostatistics and Epidemiology. Syllabus. University of Utah, 2002.

#### **PUBLICATIONS** (Mentees indicated with\*)

#### **REFEREED**

1. **Wendelboe AM**, Chou AF, \*Naqvi O, Hollen H, Williams M, McGrew K, Li P, Harris T. Opioid and Other Drug Use and Drug-related Mortality as Indicators of Hepatitis C and Human Immunodeficiency Virus in Oklahoma. *PLOS One*. 2024 (*In Press*)
2. **Wendelboe AM**, Weitz J. Global Burden of Thrombosis with an Emphasis on Venous Thromboembolism. *Arteriosclerosis, Thrombosis, and Vascular Biology*. 2024 (*In Press*) PMID: 38657032
3. \*Naqvi O, Drevets D, Bratzler D, **Wendelboe A**. Epidemiology of 2022 International Mpox Outbreak – A rapid review for Oklahoma Clinicians. *Journal of the Oklahoma Medical Association*. March/April 2023. 116(2):56-59.
4. \*Westbrook G, Hollen H, \*Naqvi O, **Wendelboe A**, Neuwald S, Tomasko M, Hann N, Cox G, McFerron P. Achieving a Healthy Oklahoma: Cross-sector cooperation to improve public health preparedness and pandemic response. *Health Security*. 2023;21(5).  
<https://doi.org/10.1089>
5. \*Philip T, Crosby K, Frank-Pearce S, **Wendelboe A**, Solberg M, Weakley J, Williams MB. Factors Impacting Medication Adherence in a Birth Cohort at Higher Risk for Hepatitis C Infection. *Medicine*. Dec 2022. 101(50):e32354 doi: 10.1097/MD.00000000000032354 PMID: 36550891
6. \*Naqvi O, **Wendelboe AM**, Burnsed L, Mannell M, Janitz A, Natt, S. Evaluating the Accuracy of the Annual Statewide Kindergarten Vaccination Survey Submitted to Public Health Authorities by School Systems, Oklahoma 2018. *Journal of School Nursing*. Oct 2022.  
[doi.org/10.1177/10598405221130701](https://doi.org/10.1177/10598405221130701) PMID: 3621975
7. **Wendelboe A**, Saber I, \*Dvorak J, Adamski A, Feland N, Reyes N, Abe K, Ortel T, Raskob GE. Exploring the Applicability of Using Natural Language Processing to Support Nationwide Venous Thromboembolism Surveillance: Model Evaluation Study. *JMIR Bioinformatics and Biotechnology*. 2022;3(1):e36877. Doi:10.2196/36877.
8. Khadka K, Adesigbin K, \*Beetch J, Kuhn K, **Wendelboe A**. The Epidemiology of COVID-19 by Race/Ethnicity in Oklahoma City-County, Oklahoma—March 12, 2020—May 31, 2021. *International Journal of Environmental Research and Public Health*. Jul 2022;19(14):8571. DOI: 10.3390/ijerph19148571 PMID: 35886431



9. Raskob GE, **Wendelboe AM**, Campbell J, \*Ford L, Ding K, Bratzler DW, \*McCumber M, Adamski A, Abe K, Beckman MG, Reyes NL, Richardson LC. Cancer-associated Venous Thromboembolism: Incidence and Features in a Racially Diverse Population. *Journal of Thrombosis and Haemostasis*. Oct 2022;20(10):2366-2378. <https://doi.org/10.1111/jth.15818> PMID: 35830203
10. Kuhn KG, Khadka K, Altidort B, Boyina K, Withers E, Maytubby P, **Wendelboe A**. Characterization of Persons with Reported SARS-CoV-2 Infection in the Oklahoma City Tri-County Area: Evidence from the First 12 Months of Transmission. *American Journal of Infection Control*. Jul 2022;50(7):729-734. Doi: 10.1016/j.ajic.2022.03.007. PMID: 35292299
11. **Wendelboe AM**, \*Langenfeld H, Ageno W, Castellucci L, Cesarman-Maus G, Ddungu H, De Paula EV, Dumantepe M, Forgo G, Guillermo Esposito MC, McLintock C, Ni Ainle F, Urano T, Barco S, Hunt BJ. Current Practices of Standardized Risk Assessment for Venous Thromboembolism: Results from a Global Survey from the World Thrombosis Day Steering Committee. *Journal of Thrombosis and Haemostasis*. Feb 2022; 20(2):532-535. <https://doi.org/10.1111/jth.15608>
12. **Wendelboe AM**, Kim S, Kinney S, Cuellar AE, Salinas L, Chou, AF. Cost-Benefit Analysis of Allowing Additional Time in Cleaning Hospital Contact Precautions Rooms. *Hospital Topics*. Jan 2021; 99(3):130-139. <https://doi.org/10.1080/00185868.2021.1873083>
13. **Wendelboe AM**, Campbell J, Ding K, Bratzler D, Beckman M, Reyes N, Raskob GE. Incidence of Venous Thromboembolism in a Racially Diverse Population of Oklahoma County, Oklahoma. *Thrombosis and Haemostasis*. Jan 2021; 121(6):816-825. <https://doi.org/10.1055/s-0040-1715790> PMID: 33423245
14. Arrazola J, Masiello M, Joshi S, Dominguez A, Poel A, Bressler J, McLaughlin J, Kraszewski J, Komatsu K, Peterson A, Jespersen M, Richardson G, Lehnertz N, LeMaster P, Rust B, Keyser-Metobo A, Doman B, Casey D, Rowell A, Miller T, Mannell M, Naqvi O, **Wendelboe AM**, Leman R, Clayton J, Barbeau B, Rice S, Warren-Mears V, Apostolou A, Landen, M. COVID-19 Mortality among American Indian and Alaska Native Persons – 14 states, January-June 2020. *MMWR Morb Wortal Wkly Rep 2020*;69:1853-6. <http://dx.doi.org/10.15585/mm6949ae>
15. Taylor JD, McCann M, Chakraborty G, Krutz G, Dvorak J, **Wendelboe AM**. Professors and Practitioners: Assessing the Impact Of COVID-19 in the State of Oklahoma with and without Residents of Long-term Care Facilities. *Social Science Quarterly*. Jan 2021:102(1):17-28. <https://doi.org/10.1111/ssqu.12895>
16. Barco S, Valerio L, Ageno W, Cohen AT, Goldhaber SZ, Hunt BJ, Iorio A, Jimenez D, Klok FA, Kucher N, Hamidreza Mahmoudpour S, Middeldorp S, Munzel T, Tagalakis V, **Wendelboe AM**, Konstantinides SV. Age-sex Specific Pulmonary Embolism-related Mortality in the United States and Canada, 2000–2018: an Analysis of the WHO Mortality Database and of the CDC Multiple Cause of Death Database. *Lancet Respiratory Medicine*. Oct 2020;2600(20):30417-3. [http://doi.org/10.1016/S2213-2600\(20\)30417-3](http://doi.org/10.1016/S2213-2600(20)30417-3)
17. Chou AF, Wickersham E, Bratzler DW, Drevets D, **Wendelboe AM**. Is Antibody Testing for COVID-19 in the General Population a Useful Diagnostic Tool? *Journal of Oklahoma State Medical Association*. 2020 May/June:98-106. <https://www.bluetoad.com/publication/?m=24761&i=664966&p=30>

18. **Wendelboe AM**, Miller A, Drevets D, Salinas L, Miller EJ, Jackson D, Chou A, Raines J, and Public Health Working Group\*. Tabletop Exercise to Prepare Institutions of Higher Education for an Outbreak of COVID-19. *Journal of Emergency Management*. 2020;18(2):183-184. <http://doi.org/10.5055/jem.2020.0464>
19. Erb-Alvarez J, **Wendelboe AM**, Chertow D. Ebola Virus in the Democratic Republic of the Congo: Advances and Remaining Obstacles in Epidemic Control, Clinical Care, and Biomedical Research. *Chest*. 2019 Sept 10. PMID 31518557
20. **Wendelboe AM**, \*Mathew R, \*Chongsuwat T, Rainwater E, \*Wendelboe MA, Wickersham E, Chou AF. Is There Less Opioid Abuse in States where Marijuana Use Has Been Decriminalized, Either for Medicinal or Recreational Use? *Journal of Patient-Centered Research and Reviews*. 2019 Oct 28;6(4):267-273. PMID 31768406
21. **Wendelboe AM**, \*McCumber M, Erb-Alvarez J, Mould N, Childs RW, Regens JL. Managing Emerging Transnational Public Health Security Threats: Lessons Learned from the 2014 West African Ebola Outbreak. *Globalization and Health*. 2018 Jul 27; 14(1):75. PMID 30053868
22. Schirmer PL, **Wendelboe AM**, Lucero-Obusan CA, Ryono RA, Winters MA, Oda G, Martinez M, Saavedra S, Holodniy M. Zika Virus Infection in the Veterans Health Administration (VHA), 2015–2016. *PLOS Neglected Tropical Diseases*. May 2018; 12(5):1-16. PMID 29795560
23. **Wendelboe AM**, Angchaisuksiri P, Blanco A, Ddungu H, \*Dvorak J, Hunt B, Hylek EM, Kakkar A, Konstantinides SV, \*McCumber M, McLintock C, Urano T, Buller H, Weitz J, Raskob GE. Global Public Awareness about Atrial Fibrillation. *Research and Practice in Thrombosis and Haemostasis*. 2018; 2(1):49-57. PMID 30046706
24. Lucero-Obusan C, Schirmer PL, **Wendelboe AM**, Oda G, Holodniy H. Epidemiology and Burden of Influenza in the U.S. Department of Veterans Affairs. *Influenza and Other Respiratory Viruses*. 2018 Mar; 12(2):293-298. PMID 29045064
25. **Wendelboe AM**, St. Germain L, Krolak B, Reiser T, Raskob G and ISTH Steering Committee on World Thrombosis Day. Impact of World Thrombosis Day Campaign. *Research and Practice in Thrombosis and Haemostasis*. July 2017; 1(1):138-41. PMID 30046683
26. \*Balch A, **Wendelboe AM**, Vesely S, Bratzler D. Antibiotic Prophylaxis for Surgical Site Infections as a Risk Factor for Infection with *Clostridium difficile*. *PLOS One*. 2017; 12(6): e0179117. PMID 28622340
27. Chou AF, **Wendelboe AM**, McCoy KG, Willis DR, Asch S, Doebbeling BN. Organizational Characteristics of Infection Control Processes and Antimicrobial Resistance Rates in US Hospitals. *Journal of Preventive Medicine & Healthcare*. 2017; 1(1):1005.
28. ISTH Steering Committee for World Thrombosis Day. Venous Thromboembolism: A Call for Risk Assessment in all Hospitalized Patients. *Thrombosis and Haemostasis*. October 2016; 116(5):777-9. PMID 27734070

29. \*Johnson MG, Brown S, Archer P, **Wendelboe AM**, Magzamen S, Bradley KK. Identifying Heat-Related Deaths by using Medical Examiner and Vital Statistics Data: Surveillance Analysis and Descriptive Epidemiology – Oklahoma, 1990–2011. *Environmental Research*. May 2016; 150:30-7. PMID 27236569
30. **Wendelboe AM**, Raskob G. Global Burden of Thrombosis: Epidemiologic Aspects. *Circulation Research*. April 2016; 118:1340-7. PMID 27126645
31. \*Janitz A, **Wendelboe AM**, \*Frank S, \*Watkins A, Thompson D, Chou A, Campbell J. Impact of a National Cancer Prevention and Treatment Program on the Prevalence of Late-Stage Breast Cancer Diagnoses in Oklahoma. *Journal of Oklahoma State Medical Association*. July/August 2016; 109(7/8):366-73. PMID 27885306
32. **Wendelboe AM**, Campbell J, Bratzler D, \*McCumber M, Ding K, Beckman M, Reyes N, Raskob GE. The Design and Implementation of a New Surveillance System for Venous Thromboembolism using Combined Active and Passive Methods. *American Heart Journal*. June 2015; 170(3):447-454. PMID 26385027
33. **Wendelboe AM**, \*McCumber M, Hylek E, Buller, H, Weitz J, Raskob G. Global Public Awareness of Thrombosis, Deep Vein Thrombosis, and Pulmonary Embolism. *Journal of Thrombosis and Haemostasis*. 2015;13(8):1365-71. PMID 26084415
34. **Wendelboe AM**, \*Grafe C, \*McCumber M, Anderson MP. Inducing Herd Immunity against Seasonal Influenza in Long-term Care Facilities through Employee Vaccination Coverage. *Computational and Mathematical Methods in Medicine*. Volume 2015:178247. PMID 26101542
35. \*Johnson MG, \*Adams J, McDonald-Hamm C, **Wendelboe AM**, Bradley, K. Seasonality and Survival Associated with Three Outbreak Seasons of West Nile Virus Disease in Oklahoma - 2003, 2007, and 2012. *Journal of Medical Virology*. 2015;87(10):1633-40. PMID: 25946680
36. Raskob GE, **Wendelboe AM**, \*McCumber M, Angchaisuksiri P, Blanco A, Buller HR, Gallus A, Hunt BJ, Hylek E, Kakkar A, Konstantinides S, Ozaki Y, Weitz JI. Thrombosis: A Major Contributor to Global Disease Burden. *Journal of Thrombosis and Haemostasis*. Oct 2014; 112(5). PMID: 25300294
37. Hites LS, Sass MM, D'Ambrosio L, Brown LM, **Wendelboe AM**, Peters KE, Sobelson RK. The Preparedness and Emergency Response Learning Centers: Advancing Standardized Evaluation of Public Health Preparedness and Response Trainings. *Journal of Public Health Management Practice*. 2014, 20(S5):S17-S23. PMID: 25072484
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1. Novel Data, Analytics, Predictive Intelligence, and Decision-Making for Pandemics and Emerging Diseases. Hawaii International Conference on System Sciences (HICSS-57). January 2024 in Honolulu, HI.

#### SUBMITTED MANUSCRIPTS & ABSTRACTS

1. Ding K, \*Naqvi O, \*Seeberger J, Bratzler D, **Wendelboe A**. A Spatial-temporal analysis of COVID-19 Vaccination Coverage and Outcomes in Oklahoma. *Emerging Infectious Diseases*.
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1. Adamski A, **Wendelboe AM**, Ortel TL, Raskob GE, Reyes N, Saber I, Beckman M, Abe K. Risk Factors Associated with Venous Thromboembolism Recurrence at 6-Months among Patients in Two Racially Diverse Population-based Surveillance Systems.
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#### CONFERENCE PRESENTATIONS

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2. Kenney C, **Wendelboe AM**, Cabrera V, Jenkins-Smith H, Maqqe V, Yto E, Yaguno S, Carita N, Lopez S. Building a center for monitoring and control of public health in Arequipa, Peru. APHA 2023 Annual Meeting. Atlanta, GA
3. \*Naqvi O, Bayouth M, Chou A, **Wendelboe A**. 2023. COVID-19 Hospitalization Risk in Oklahoma Pediatric Patients: A Socio-ecologic Analysis. The American Public Health Association Annual Meeting and Expo, Atlanta, GA
4. Finnell K, **Wendelboe A**, \*Naqvi O, \*Seeberger R, Chou A. 2023. The Perspective of Historically Marginalized Communities: What is a Healthy Community? The American Public Health Association Annual Meeting and Expo, Atlanta, GA
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46. Van Rie A, Madhi S, Tiemessen C, Heera J, Meddows-Taylor S, Anthony F, **Wendelboe AM**, Violari A. 2004. Cellular Immune Response to Tuberculosis Antigens in Newborns Exposed to HIV in Utero. XV International AIDS Conference. Bangkok, Thailand
47. Thiese MS, **Wendelboe AM**, Hegmann KT, Garg A, Kapellusch J. 2004. Prevalence of Needlestick Injuries among Home Health Care Workers. 37<sup>th</sup> Annual Meeting of the Society for Epidemiologic Research. Salt Lake City, UT
48. Zhemkov V, Granskaya J, Steklova L, Narvskaya O, Shpakovskaya L, Masharsky A, **Wendelboe AM**, Kozlov A, Ryder R, Salfinger M, Van Rie A. 2003. Characteristics of HIV-Infected Persons with Active Tuberculosis in St. Petersburg, Russia. 34<sup>th</sup> International Union against Tuberculosis and Lung Disease World Conference on Lung Health. Paris, France
49. Thiese MS, Hegmann KT, Garg A, Kapellusch J, Alder SC, **Wendelboe AM**. A Cross-sectional Analysis of Musculoskeletal Disorders in Home Healthcare Workers. 36<sup>th</sup> Annual Meeting of the Society for Epidemiologic Research. Atlanta, GA
50. **Wendelboe AM**, Hegmann KT, Gren LH, Alder SC, White GL, Lyon JL. 2003. Associations between Body Mass Indices and Surgeries for Rotator Cuff Tendinitis. 36<sup>th</sup> Annual Meeting of the Society for Epidemiologic Research. Atlanta, GA
51. Hegmann KT, Hegmann KB, **Wendelboe AM**, Alder SC, Lyon JL, White GL, Magill M. 2003. Detection of an Influenza Epidemic Using an Electronic Medical Record-based Bioterrorism Surveillance System during the 2002 Winter Olympics. 36<sup>th</sup> Annual Meeting of the Society for Epidemiologic Research. Atlanta, GA
52. Haws A, Hegmann KT, Hegmann KB, Alder SC, White GL, Lyon JL, **Wendelboe AM**. 2003. Influenza Surveillance using an Electronic Medical Record and Variations in Symptoms over Three Influenza Seasons. 36<sup>th</sup> Annual Meeting of the Society for Epidemiologic Research. Atlanta, GA
53. **Wendelboe AM**, Hegmann KT, Biggs JJ, Cox CM, Portmann AJ, Gildea JH, Gren LH, Lyon JL. 2002. Relationship Between Body Mass Indices and Surgical Replacements of Knee and Hip Joints. 35<sup>th</sup> Annual Meeting of the Society for Epidemiologic Research. Palm Desert, CA

## INVITED PRESENTATIONS

### *INTERNATIONAL*

1. Hougén D, **Wendelboe AM**, Razzaghi T. Public Health Data Sources. Institute for Resilient Environmental and Energy Systems Latin American Sustainability Initiatives. Integrated Public Health Monitoring, Analysis, and Decision-Making Center for the Arequipa Region. Peru. June 15, 2022.
2. **Wendelboe AM** and Jenkins-Smith H. Policy and Decision-Making in Public Health. Institute for Resilient Environmental and Energy Systems Latin American Sustainability Initiatives. Integrated Public Health Monitoring, Analysis, and Decision-Making Center for the Arequipa Region. Peru. June 1, 2022.
3. **Wendelboe AM**. An Introduction to Public Health Surveillance. Institute for Resilient Environmental and Energy Systems Latin American Sustainability Initiatives. Integrated Public Health Monitoring, Analysis, and Decision-Making Center for the Arequipa Region. Peru. March 30, 2022.
4. **Wendelboe AM**. An Introduction to Infectious Disease Epidemiology. Institute for Resilient Environmental and Energy Systems Latin American Sustainability Initiatives. Integrated Public Health Monitoring, Analysis, and Decision-Making Center for the Arequipa Region. Peru. March 24, 2022.
5. **Wendelboe AM**, Ortel TL, Abe K. Conducting Surveillance for Venous Thromboembolism Using Traditional and Novel Methods. Public Health Webinar Series on Blood Disorders: Bringing Science into Practice. March 24, 2022.
6. **Wendelboe AM**. Infectious Diseases: Current Public Health Perspectives. ZhouShan Municipal Centers for Disease Control and Prevention. ZhouShan, China. May 11, 2018.
7. **Wendelboe AM**. Infectious Diseases: Current Public Health Perspectives. Xi'an Jiaotong-Liverpool University. SuZhou, China. May 16, 2018.

### *NATIONAL*

1. Project ECHO. Epidemiological Update on COVID-19 for Long-term Care Facilities for Heartland Region.
  - i. August 24, 2021
  - ii. August 25, 2021
  - iii. August 26, 2021
2. **Wendelboe AM**. An Intersection between Genetics and COVID-19. Heartland Regional Genetics Network. May 7, 2021.
3. **Wendelboe AM**, Raskob. VTE Surveillance and VTE Incidence. ASH-CDC VTE Workshop. Atlanta, GA. November 15, 2019.

4. **Wendelboe AM**, Erb-Alvarez J. Managing Emerging Transnational Public Health Security Threats: Lessons Learned from the 2014 West African Ebola Outbreak. EpiC Committee. US Public Health Service. Web conference. June 5, 2019.
5. **Wendelboe AM**, Wheeler S, Iskander J. Developing a Thesis or Capstone: A Faculty Perspective. US Public Health Service 2016 Symposium. Oklahoma City, OK. May 16, 2016.
6. The Design of a Surveillance System for Venous Thromboembolism. VTE Advocacy Meeting. Pfizer and Bristol-Meyers Squibb. New York City, NY. April 15, 2015.
7. Outbreak of Healthcare-Acquired Urinary Tract Infections caused by *Pseudomonas aeruginosa* — New Mexico, 2007. Tuesday Morning Seminar. CDC/Office of Workforce and Career Development. Atlanta, GA. June 12, 2007.

*STATE – Invited*

1. Project ECHO. Vaccination and COVID-19: What Difference Does it Make? COVID-19 Resource Xchange. December 11, 2023.
2. Project ECHO. Evidence-based Treatment of High-risk Ambulatory COVID-19 Patients. COVID-19 Resource Xchange. October 9, 2023.
3. Bratzler D, Kendrick D, **Wendelboe A**. Oklahoma State Medical Association. Long COVID Webinar. October 6, 2023.
4. Oklahoma Public Health Association. Keynote Address. Collaboration with National, Tribal, and Local Stakeholders in Preparing for and Responding to Pandemics & Coordinating the Epidemiological Response to COVID-19. September 2023. Oklahoma City.
5. Public Health Nurses Annual Conference. Reflections on the Public Health Response 3 Years Later. March 27, 2023. Norman, OK.
6. Explore Healthcare Summit 2022. Oklahoma Academy of Family Physicians. The Public Health Importance of the Current Monkeypox Epidemic. August 27, 2022. Norman, OK.
7. The Epidemiology of COVID-19 and its Prevention and Response. Case Managers Society of America. May 11, 2022. Tulsa, OK
8. COVID-19 Update: Omicron and a Path Forward. Case Managers Society of America: Oklahoma Chapter. January 13, 2022.
9. Omicron COVID-19 Modeling. Oklahoma Hospital Association. December 21, 2021.
10. COVID-19 Modeling and Public Health Response. Oklahoma Museums Society. December 10, 2021.
11. COVID-19 Modeling and Public Health Response. Oklahoma Society of Association Executives. November 5, 2021.
12. COVID-19 Made Simple and the Public Health Response. Koch Fertilizer. Enid, Oklahoma.
  - i. October 7, 2021

13. COVID-19 Made Simple and the Public Health Response. Lighthouse Behavioral Wellness Centers. Nine Counties in Southwest Oklahoma.
  - i. October 6, 2021
  - ii. October 15, 2021
14. Oklahoma Chapter of the American Industrial Hygiene Association. Epidemiological Update on the Transmission Dynamics of COVID-19 and the Public Health Response. September 24, 2021.
15. COVID-19 Vaccine Awareness. Oklahoma City Public Schools.
  - i. Classen SAS High School, September 7, 2021
  - ii. Taft Middle School, September 14, 2021
16. Update on the Public Health Response to COVID-19 and the Vaccines. Oklahoma Family Network. August 31, 2021.
17. COVID-19 Made Simple. Parent Promise. May 18, 2021.
18. Project ECHO. Epidemiological Update on COVID-19 for Long-term Care Facilities.
  - i. April 20, 2021
  - ii. April 21, 2021
  - iii. April 22, 2021
19. The World Health Organization's Response to COVID-19. Oklahoma Library Association. April 15, 2021.
20. OU Health Frontline Pandemic Response Training. Panelist on Hospital Surge Capacity. Recurs Weekly. January 13-March, 2021.
21. Project ECHO. Long-term Care Facilities and Community Transmission of COVID-19.
  - i. January 12, 2021
  - ii. January 13, 2021
  - iii. January 14, 2021
22. Oklahoma State Senate Democratic Caucus. Evidence-based approach to assessing the current and future response to COVID-19. December 17, 2020.
23. Oklahoma State Senate Republican Caucus. Evidence-based approach to assessing the current and future response to COVID-19. December 9, 2020.
24. Oklahoma State Medical Association (OSMA) Executive Committee. Epidemiologic Update on COVID-19 in Oklahoma. November 5, 2020.
25. Healthier Oklahoma: Practitioners to Advance Public Health Prevention Measures against COVID. October 19, 2020.
26. Sooner Healthcare Executives. "Ensuring your Community's Emergency Preparedness." American College of Healthcare Executives. September 25, 2020.
27. Preparing for Going Back to School: COVID-19 Preparedness. Oklahoma State Department of Education. Oklahoma City, OK. June 3, 2020.
28. COVID-19 Town Hall with Your State Epidemiologist. Oklahoma Physician



- Resource/Research Network. May 12, 2020.
29. COVID-19 Progress Update. Oklahoma Chamber of Commerce. Oklahoma City, OK. April 26, 2020.
  30. COVID-19: Updates and Preparedness Activities. OKC Thunder. Oklahoma City, OK. March 3, 2020.
  31. Vulnerability Assessment for an Outbreak of HIV and HCV: Close out meeting. HIV & Hepatitis Planning Council. Oklahoma City, OK. October 21, 2019.
  32. Vulnerability Assessment for an Outbreak of HIV and HCV: Kickoff meeting. HIV & Hepatitis Planning Council. Oklahoma City, OK. February 11, 2019.
  33. Influenza and the Public Health Response. Oklahoma Health Librarians Association. Integris Hospital, Edmond, OK. October 27, 2017.
  34. Regional Mosquito-Borne Illness Workshops. Epidemiology of Zika virus and West Nile Virus.
    - a. Lawton, OK; June 5, 2017
    - b. Tulsa, OK; June 16, 2017
  35. Zika: Collaborative Research in Puerto Rico. Interim Study 16-031. Public Health Committee. Oklahoma State Capitol, Oklahoma. September 21, 2016.
  36. Zika: End of Summer Update. Oklahoma Physicians' Research/Resource Network (OKPRN) Annual Convocation. Tulsa, Oklahoma. August 21, 2016.
  37. Wendelboe AM, McCumber M, Anderson M. Uptake of Vaccine against Novel H1N1 Influenza A: An Analysis of the Oklahoma State Immunization Information System (OSIIS). Oklahoma State Department of Health. May 2011.
  38. Outbreak of Healthcare-Acquired Urinary Tract Infections caused by *Pseudomonas aeruginosa* — New Mexico, 2007. Epidemiologist and Professionals in Infection Control (EPIC) Meeting. Oklahoma City, OK. October 16, 2008.
  39. Investigation of an Outbreak of *E. coli* O157:H7 — the Public Health Response. American Association of Clinical Chemistry, Rocky Mountain Section. 32<sup>nd</sup> Annual Educational Seminar. Albuquerque, NM. April 26, 2007.
  40. Lessons Learned in Questionnaire Design: Household Transmission of Pertussis Study. Public Health Information Network, Series II: Outbreak Investigation Methods – From Mystery to Mastery. Virginia Department of Health. Danville, VA. September 1, 2005.
  41. Generating Hypotheses and Conducting Interview. Epidemiology at Work. Virginia Department of Health. Charlottesville, VA. November 15, 2004.
  42. Generating Hypotheses and Conducting Interviews. First Annual North Carolina Epidemiology Teams Conference. Chapel Hill, NC. June 15-16, 2004.

## UNIVERSITY

1. Science Communication. Cindy Sayers, George Monks, Halley Reeves. Hudson College of Public Health Student Association. November 9, 2022.
2. How Public Health Surveillance Data are Collected and Processed. Data Institute for Societal Challenges Lecture Series: Frontiers of Data Science for Predicting Emerging Diseases. Kendra Dougherty, Christie McDonald-Hamm, Kunle Adesigbin. November 8, 2022.
3. Monkeypox Educational Webinar. Drevets DD, Tyungu D, Wendelboe AM, Bratzler D. August 23, 2022. University of Oklahoma.
4. The Public Health Response to COVID-19: Summer 2021. Public Health Grand Rounds. September 2, 2021. University of Oklahoma Health Sciences Center.
5. Community Conversation: COVID-19 Vaccine. Office of Interdisciplinary Education. University of Oklahoma Health Sciences Center. August 25, 2021.
6. COVID-19 Town Hall. Hudson College of Public Health. August 24, 2021.
7. Analysis of Publicly Available COVID-19 Surveillance Data for Modelling and Response. College of Allied Health Research Roundtable. February 12, 2021.
8. COVID-19: Where do we go from here? Public Health Grand Rounds. University of Oklahoma Health Sciences Center. August 27, 2020.
9. "Tabletop Exercise to Prepare against the COVID-19 Epidemic". PHF Conference Room. Oklahoma City, OK. March 9, 2020.
10. "Career Perspectives from an Infectious Disease Epidemiologist." Grand Rounds. Southern Nazarene University. September 25, 2019.
11. "What Value Does Interdisciplinary/Interprofessional Education Add to Your Work?" Education Grand Rounds. University of Oklahoma Health Sciences Center. May 17, 2019.
12. "Vaccines and Public Health Surveillance: A Hands on Demonstration of Public Use Data." Symposium on Vaccine Research, Education, and Public Outreach. University of Oklahoma, College of Arts and Sciences. January 22, 2019.
13. "Infectious Diseases: Current Public Health Perspectives." Public Health Week. College of Public Health. April 3, 2018.
14. The 2016 Hudson Fellows in Public Health Symposium. Panelist with Sonia Shah, author of "Pandemics: What the past tells us about the future." April 5, 2016.
15. The 2014 West African Ebola Outbreak: Summary and Impact on OUHSC Campus. Public Health Grand Rounds. O. Ray Kling Distinguished Lecture in Global Health. September 17, 2014.
16. Outbreak of Erythema Nodosum in a Rural Population — New Mexico, Winter 2007–2008. Infectious Disease Case Conference, OU Medical Center. November 19, 2008.

17. Tips on Scientific Writing and Preparing for the Practicum. College of Public Health. 09/2010, 03/2012, 02/2013, 09/2013, 10/2013, 03/2014.

#### *MEDIA INTERVIEWS*

1. Mckenzie Richmond. ABC News Channel 8. COVID-19 Variants and Risk of another Lockdown. September 20, 2023.
2. Tanner DeLeon. KFOR TV. Cyclosporiasis in Oklahoma. September 1, 2023.
3. Lauren Daniels. KFOR TV. Cyclosporiasis. July 17, 2023.
4. Geralidine DeRuiter. Washington Post. Hygienic bathrooms. June 10, 2023.
5. Mckenzie Richmond, KTUL. Updates on XBB.1.16/Arcturus strain of COVID-19. April 24, 2023
6. KOCO Live. Public Health Information about TB. March 28, 2023
7. Fox25. Public Health Information about TB. March 28, 2023.
8. Dana Branham. *The Oklahoman*. Update on transmission of COVID-19, influenza, and RSV. November 9, 2022. <https://www.oklahoman.com/story/news/healthcare/2022/11/12/covid-flu-rsv-in-oklahoma-what-we-may-see-with-viruses-this-winter/6963695007/>
9. Daniel de Vise. *The Hill*. Vast majority of red-state seniors have been vaccinated, despite GOP vaccine resistance. October 9, 2022. <https://thehill.com/policy/healthcare/3678715-vast-majority-of-red-state-seniors-have-been-vaccinated-despite-gop-vaccine-resistance/>
10. Press Conference. Healthier Oklahoma Coalition.
  - a. January 4, 2022
  - b. June 7, 2022
  - c. June 28, 2022
  - d. November 29, 2022
  - e. February 21, 2023
11. Eric Berger. *The Guardian*. The Omicron Surge. January 14, 2022.
12. Seth Klamann. *The Denver Gazette*. Herd Immunity. January 13, 2022.
13. Kathleen Sweeney. State Impact. January 12, 2022.
14. Corey Jones. *Tulsa World*. January 11, 2022.
15. Rory Taylor. OETA. January 5, 2022.
16. KOCO, COVID-19 surge in Oklahoma. January 3, 2022
17. Randy Krehbiel. *The Tulsa World*. People to Watch. December 9, 2021.

18. Dana Branham. *The Oklahoman*. Expected COVID-19 cases and hospitalization this winter. November 16, 2021.
19. Press Conference. Healthier Oklahoma Coalition. September 21, 2021.
20. OU Weekly Update. Livestream Press Conference. April Sandefer. August 20, 2021.
21. Modeling COVID-19, the variants and vaccination rates. KFOR Channel 4 News. Angela Shen. July 23, 2021.
22. COVID-19 Delta Variant. The Guardian. Jessica Glenza. July 12, 2021.
23. Oklahoma State COVID-19 vaccination rates. CBS Nightly News. Omar Villafranca. June 11, 2021.
24. Expectations for COVID-19 incidence and hospitalizations during the summer of 2021. Corey Jones. *Tulsa World*. May 5, 2021.
25. COVID-19 One-Year Later Roundtable. March 5, 2021.
26. Facebook Live with Scott Mitchell/Mitchell Talks. January 4, 2021
27. Press Conference. Healthier Oklahoma Coalition. December 8, 2020 – July 2021. *Rekurs bi-weekly*.
28. At-School Quarantine: Mustang Public Schools. Robby Korth. State Impact/NPR. December 3, 2020.
29. At-School Quarantine Policy. Barry Mangold. KWTW. December 1, 2020
30. Press Conference. Healthier Oklahoma Coalition. November 24, 2020
31. Spike in COVID hospitalizations in Oklahoma. Live with Hallie Jackson. MSNBC. October 16, 2020.
32. Regional outlook of COVID: Interpreting the data in Oklahoma and surrounding states. William Stoner. NPR. October 15, 2020.
33. Factors Associated with Wearing a Mask: Interpreting Polling Data from OU. Ryan Gaylor. Oklahoma Engaged. KGOU. October 13, 2020.
34. Lessons Learned about COVID in Oklahoma. Kassie McClung. *The Frontier*. October 13, 2020.
35. Spike in COVID-19-related Hospitalizations. KWTW. September 22, 2020.
36. Herd Immunity for COVID-19. Evan Onstot. KOCO. September 15, 2020.
37. Assignment as State Epidemiologist. Ariana Fife, OU Daily. September 15, 2020.
38. Interpreting the Downward Trend in COVID-19 Cases. The Frontier. August 14, 2020.

39. Modeling COVID-19 Transmission in Oklahoma. *The Wall Street Journal*. August 5, 2020.
40. Press Conference with Governor Stitt. Safer-at-Home Order. March 24, 2020.
41. COVID-19-related updates with various news outlets during tenure as interim state epidemiologist, March 17, 2020-July 31, 2020
  - a. The Oklahoman
  - b. Oklahoma Watch
  - c. Channel 9 KWTW
  - d. Channel 5 KOCO
  - e. Channel 4 KFOR
  - f. The Joplin Globe
  - g. Fourstates News Channel 12 KODE
42. OU Medicine Media Briefing: COVID-19. What is a Pandemic? What Trends are We Seeing? March 17, 2020.
43. Threat of coronavirus around the world-- and here in Oklahoma. KFOR-TV News at 4:00. March 3, 2020
44. Experts warn of myths surrounding coronavirus. KOKH Fox 25, March 2, 2020. <https://okcfox.com/news/local/experts-warn-of-myths-surrounding-coronavirus>
45. Experts warn of myths surrounding coronavirus. Live Facebook Chat. KOKH Fox 25, March 2, 2020.
46. Coronavirus Symptoms to Look Out For. KWTW Channel 9 News. March 2, 2020. <https://www.news9.com/story/41842312/coronavirus-symptoms-to-look-out-for>
47. Oklahoma officials plan for coronavirus outbreak. KOKH Fox 25. February 26, 2020. <https://okcfox.com/news/local/oklahoma-medicalplans-for-coronavirus-outbreak>
48. Green T. Global Awareness of Atrial Fibrillation. Arbonne Independent Consultant & Public Relations. November 2, 2017.
49. Epling S. Big Data to Prevent Pandemics. World Statistics Day. *OU Web Communications*. October 20, 2017. [http://www.ou.edu/content/web/news\\_events/articles/news\\_2017/big-data-diseases.html](http://www.ou.edu/content/web/news_events/articles/news_2017/big-data-diseases.html)
50. Wilkerson A. When Zika Strikes. *Sooner Magazine*. Spring 2016. <https://soonermag.oufoundation.org/stories/when-zika-strikes>
51. Bailey M. Why is whooping cough on the rise? Scientists disagree. *STAT Reporting from the frontiers of health and medicine*. January 12, 2016.
52. Ebola Virus Disease. Radio interview with Scott Mitchell on Mitchell in the Morning. KOKC 1520 AM. October 10, 2014.

53. Outbreak of *E. coli* O111 in Locust Grove, OK. Television interview with Ernie Paulson. KFOR News Channel 4. August 29, 2008.

## TEACHING

### GRADUATE COURSES

Course Title	Credit Hours	Role	Year
<b>University of Oklahoma Health Sciences Center, Hudson College of Public Health</b>			
Principles in Epidemiology (BSE 5113)	3	Instructor	2021-2023
		Co-Instructor	2010
		Mentoring Instructor (online)	2011-2012, 2024
		Lecturer (classroom)	2009, 2013-2020
Infectious Disease Epidemiology (BSE 5303)	3	Instructor	2009, 2010, 2012-2018
		Co-Instructor	2019-2020
Emerging Infectious Diseases and Bioterrorism (BSE 5333)	3	Instructor	2019, 2017, 2015, 2013, 2011, 2009
		Co-Instructor	2023
Methods in Infectious Disease Epidemiology (BSE 5343)	3	Instructor	2018, 2020, 2022
Research for Master's Thesis (BSE 5980)	2	Lecturer	2008, 2012
Directed Readings (BSE 6960)	1-2	Instructor	2009-2018, 2020
Public Health Practicum (CPH 7950)	2	Instructor	2017-23, 2014, 2013, 2010, 2009
Problems in Biostatistics and Epidemiology (BSE 5001)	1	Instructor	2009-2023
Responsible Conduct in Research (BSE 5011)	1	Lecturer	2008, 2010, 2012-2014, 2016
<b>University of Oklahoma Health Sciences Center, College of Medicine</b>			
Family Medicine Summer Research Experience	NA	Lecturer	2012, 2014, 2016, 2018, 2020
<b>University of Oklahoma Health Sciences Center, College of Nursing</b>			
Principles in Epidemiology (BSE 5113)	3	Mentoring Instructor (online)	2016-2018, 2023
<b>University of Oklahoma, College of Arts and Sciences</b>			
Plagues and People: Health and Dis in Hum Soc (ANTH 1913)	3	Guest Lecturer	2013-2016
<b>University of North Carolina at Chapel Hill, School of Public Health</b>			
Public Health Surveillance (EPID 213)	3	Teaching Assistant	2005
Informatics: Use of Large Health Care Databases (EPID 140)	3	Teaching Assistant	2005
Theory and Quantitative Methods in Epidemiology (EPID 268)	4	Lab Instructor	2005
Fundamentals of Epidemiology (EPID 168)	3	Lab Instructor	2004
Infectious Disease at the Community Level (EPID 220)	3	Teaching Assistant	2004, 2003
<b>Duke University</b>			
Evidence Based Medicine I (Physician's Assistants)	3	Lab Instructor	2005
<b>University of Utah, School of Medicine</b>			
Science of Medicine (Epidemiology/Biostatistics for medical students)	2	Teaching Assistant	2002

Epidemiology: Fundamentals and Beyond (Epidemiology for medical residents)	3	Teaching Assistant	2001
Occupational and Environ. Diseases (FPMD 6703)	3	Teaching Assistant	2001

*SHORT COURSES*

Outbreak and Surveillance. August 15–19, 2022. Southern Plains Tribal Health Board. Oklahoma City, OK.

*MENTORING AND ADVISING (OUHSC)*

Doctoral Committees

- PhD Committee Chair: 5 students
- PhD Committee Member: 4 students
- DrPH Committee Co-Chair: 1 student
- DrPH Committee Member: 1 student

Doctoral Dissertations, defended - Chair

McCumber, MD. Surveillance of Venous Thromboembolism in Oklahoma County: Using Multiple Surveillance Methods and Data Sources to Improve Case Identification and Description of VTE Disease among Patients with Cancer History. Hudson College of Public Health, Department of Biostatistics and Epidemiology. Defense date: January 16, 2020

Doctoral Dissertations, defended – Committee Member

Heller, JG. Disease Severity, Location, and Wastewater Based Epidemiology in Oklahoma During The Covid-19 Pandemic. Defense Date: December 8, 2023

Cooper, C. Development, Evaluation, and Demonstration of Air Sampling Methods to Assess Airborne Transport of *Clostridium difficile* spores in the healthcare environment. College of Public Health, Department of Occupational and Environmental Health. Defense date: June 28, 2019

Tarafder, M. Effect of Measurement Error in the Estimation of Prevalence of Infection and Epidemiological Associations for Helminths. College of Public Health, Department of Biostatistics and Epidemiology. Defense date: June 5, 2009

Master of Science Committees

- MS Committee Chair: 6 students
- MS Committee Member: 7 students

Masters Theses, defended - Chair

Reeves, S. Social Media’s Association with Concern for COVID-19 Infection among American Indian/Alaskan Natives in Oklahoma, 2020. Defense date: August 20, 2021.

Naqvi, O. An Evaluation of the 2017-2018 Oklahoma Kindergarten Vaccination Survey: a Date Validation Study. College of Public Health, Department of Biostatistics and Epidemiology. Defense date: August 6, 2018

Richardson, WJ. Maternal Chorioamnionitis and the Development of Necrotizing Enterocolitis in Pre-term Neonate Based on the Inflammation Priming Hypothesis. College of Public Health, Department of Biostatistics and Epidemiology. Defense date: July 15, 2016

Balch, A. Antibiotic prophylaxis for surgical site infections as a risk factor for infection with *Clostridium difficile*. College of Public Health, Department of Biostatistics and Epidemiology. Defense date: May 7, 2015

Byrd, KS. Novel H1N1 Influenza A Infection in Pregnant Women in Oklahoma. College of Public Health, Department of Biostatistics and Epidemiology. Defense date: May 7, 2010

#### Masters Theses, defended – Committee Member

Wells, A. Applying the LASSO Method for Detecting Safety Signals in Clinical Trials. Hudson College of Public Health, Department of Biostatistics and Epidemiology. Defense date: May 7, 2021.

Camardo MC. A Bayesian Approach to Detecting Differential Genes in Microarray Data. Hudson College of Public Health, Department of Biostatistics and Epidemiology. Defense date: December 5, 2018

Clinton, RM. Evaluation of the Standard of Care among Patients with HIV/AIDS Receiving Care along the U.S.-Mexico Border and in Oklahoma: A Longitudinal Study. College of Public Health, Department of Biostatistics and Epidemiology. Defense date: November 21, 2011

Grafe, C. Factors Influencing Change in the Distribution of *Oncomelania Quadrasi* Snail Colonies over One year in Samar Province, the Philippines: Implications for Schistosomiasis Control. College of Public Health, Department of Biostatistics and Epidemiology. Defense date: December 21, 2010

Wages, JA. Comparison between Forward Selection and a new Feature Selection Technique. College of Public Health, Department of Biostatistics and Epidemiology. Defense date: December 10, 2010

#### Master of Public Health Committees

MPH Committee Chair: 31 students

MPH Committee Member: 27 students

### **PROFESSIONAL SERVICE**

#### *INTERNATIONAL*

<u>Epidemiology: Open Access</u> – Editorial Board Member	2011-present
<u>World Thrombosis Day Steering Committee</u> , International Society of Thrombosis and Hematology	2014-2019, 2024-2025

#### *NATIONAL*

<u>Ad Hoc Promotion and Tenure Review</u>	2019
<u>AHRQ Ad-hoc Study Section Reviewer</u>	2018, 2023
<u>NIH CSR Infectious, Reproductive, Asthma, and Pulmonary Conditions Study Section [IRAP] Ad-hoc Study Section Reviewer</u>	2017, 2019, 2020, 2021

Ad Hoc Journal Peer Reviewer – *JAMA, Annals of Internal Medicine, The Lancet, Vaccine, Royal Society for Public Health, Journal of Clinical Medicine, PLOS One, Epidemiology and Infection, Expert Review of Vaccines, European Journal of Pediatrics, Statistics in Medicine, Thrombosis and Haemostasis, BioMed Central, British Medical Journal, Journal of Urology, Journal of Investigative Medicine,* 2008-present



*Preventive Medicine, Research and Practice in Thrombosis and Haemostasis, Thrombosis Research, International Journal of Environmental Research and Public Health*

National Board of Public Health Examiners

2010 Item Writer 2009  
Job Task Analysis 2022-2023

**STATE**

Planning Committee: International One Health Pandemic Summit 2022  
Healthier Oklahoma Coalition: Member 2020-  
Advisor to Epidemic Intelligence Service Officer assigned to Oklahoma State Dept. of Health 2009–2014

**COUNTY**

Oklahoma City County Health Department, Epidemiology Section: Consultant 2021-present

**UNIVERSITY: OUHSC CAMPUS**

Search Committee: Executive Director of the Joint Institute for the Future of Health 2024  
Research and Creative Services Advisory Committee 2023-  
Presidential Professorship Selection Committee 2022-  
Executive Emergency Operations Committee 2020-  
Special Pathogen Preparedness Operations Team 2020-  
Campus Joint Strategic Plan: ASPI#2 2018-2020  
Graduate College Program Review Committee 2018  

- Periodontics Program, College of Dentistry

 Contracts and Routing Committee 2017-present  
 Faculty Compensation Committee - Chair 2015-present  
 Emergency Preparedness – Public Health Safety Officer 2015-present  
 Ebola Preparedness Task Force 2014–2016  
 Pandemic Influenza Task Force 2009  
 Infection Control Committee – OU Medical Center 2008–present  
 Judge of Graduate Research Education and Training Symposium recurring

**UNIVERSITY: COLLEGE of PUBLIC HEALTH - OUHSC**

Faculty Board -Chair 2016-2018  
Faculty Board - Secretary 2012-2014  
Advisor to Department Chair 2011-2014  
Bylaws Committee Member 2009-2011  
Academic Misconduct Committee Member 2011-2015  
Faculty Advisor for Public Health Emergency Response Team 2008-present

**COMMUNITY SERVICE**

Science Olympiad Coach – Oakdale Middle School 2017-2019  
     Event Supervisor 2023-2024  
 Home Owners Association Treasurer 2017-2020  
 Boy Scout Troop Committee Co-chair 2014-2017  
 Cub Scout Leader 2010-2013  
 Medical Reserve Corps - OK 2009-present  
 English Teacher – English as a second language instructor, Salt Lake City, UT and Chapel Hill, NC 2001–2005  
 Religious service in Hong Kong – Missionary 1995–1997

## **CAPABILITIES**

Proficient in SAS, STATA, SPSS, BSTAT, and EpiInfo. Familiar with MS Access, ESRI, and Statware  
Con conversationally fluent in Cantonese, familiar with Mandarin and Spanish