Diana Treviño Cervantes

Assistant Professor and Director, MPH Epidemiology Program https://www.unthsc.edu/school-of-public-health/dr-diana-cervantes/

University of North Texas Health Science Center Department of Biostatistics and Epidemiology Fort Worth, TX 76107 Diana.Cervantes@unthsc.edu (817) 846-6708

Education			
2023	MS, Gerontology. Kansas State University (expected completion: December 2023) Capstone: A Model for Person-Centered Infection Prevention and Control		
2013	DrPH, Epidemiology . The University of North Texas- Health Science Center Dissertation: Transmission and Establishment of <i>Helicobacter pylori</i> in Childhood		
2006	MPH, Epidemiology. The University of North Texas- Health Science Center		
2002	MS, Biology. The University of Texas at Arlington Thesis: A Survey of Sequence Diversity in Naturally Occurring Strains of Equine Infectious Anemia Virus		

Teaching Experience

Honors BS, Biology. The University of Texas at Arlington

Teaching & Administrative Positions

9/2023-Present

1999

Associate Professor and Director, MPH Epidemiology Program, The University of North Texas Health Science Center, School of Public Health. Department of Community and Population Health. Fort Worth, TX.

- Oversight and direction of the MPH Epidemiology program including program evaluation and design.
- Course curriculum development, instruction including online, and classroom formats to ensure horizontal and vertical integration of the competencies and accreditation standards for MPH, MS, and MHA students. Courses include:

Course Number & Title	Semester/Yr.	Format
EPID 6318 Epidemiologic Surveillance	Summer 2019	Online
EPID 6318 Epidemiologic Surveillance	Summer 2020	Online
EPID 6318 Epidemiologic Surveillance	Summer 2021	Online
EPID 5318 Epidemiologic Surveillance	Spring 2022	In-class
EPID 5318 Epidemiologic Surveillance	Spring 2023	In-class
EPID 5320 Infectious Disease Epidemiology	Spring 2020	In-class
EPID 5320 Infectious Disease Epidemiology	Spring 2021	In-class

EPID 5320 Infectious Disease Epidemiology	Fall 2021	In-class
EPID 5320 Infectious Disease Epidemiology	Fall 2022	In-class
EPID 5317 Chronic Disease Epidemiology	Spring 2023	In-class
BMSC 5350 Epidemiology and Evidence- Based Medicine	Fall 2019	Online
BMSC 5350 Epidemiology and Evidence- Based Medicine	Fall 2020	Online
BMSC 5350 Epidemiology and Evidence- Based Medicine	Fall 2021	Online
BMSC 5350 Epidemiology and Evidence- Based Medicine	Fall 2022	Online
EPID 5313 Data Management and Statistical Computing	Spring 2019	In-class
PHED 5330 Foundations of Public Health	Spring 2019	In-class
PHED 5330 Foundations of Public Health	Spring 2022	In-class
PHED 5297 Student Practice Experience	Summer 2019- Spring 2020	Faculty Advisor
PHED 5297 Student Practice Experience	Summer 2020- Spring 2021	Faculty Advisor
PHED 5297 Student Practice Experience	Summer 2021- Spring 2022	Faculty Advisor
PHED 5297 Student Practice Experience	Summer 2022- Spring 2023	Faculty Advisor
BACH 5324 Introduction to Health Disparities	Fall II 2020	Online

6/2023-Present

Assistant Professor, The University of North Texas Health Science Center, Texas College of Osteopathic Medicine. Department of Internal Medicine and Geriatrics. Fort Worth, TX.

5/2019-8/2023

Assistant Professor and Director, MPH Epidemiology Program, The University of North Texas Health Science Center, School of Public Health. Department of Biostatistics and Epidemiology. Fort Worth, TX.

5/2013-8/2018

Adjunct Assistant Professor, The University of North Texas Health Science Center. Fort Worth, TX.

 Course curriculum development, instruction including online, and classroom formats to ensure horizontal and vertical integration of the competencies and accreditation standards for MPH students. Courses include:

Course Number & Title	Semester/Yr.	Format
EPID 6318 Epidemiologic Surveillance	Summer 2013	Online

EPID 6318 Epidemiologic Surveillance	Summer 2014	Online
EPID 6318 Epidemiologic Surveillance	Summer 2015	Online
EPID 6318 Epidemiologic Surveillance	Summer 2016	Online
EPID 6318 Epidemiologic Surveillance	Summer 2017	Online
EPID 6318 Epidemiologic Surveillance	Summer 2018	Online
EPID 5320 Infectious Disease Epidemiology	Fall 2016	In-class
EPID 5320 Infectious Disease Epidemiology	Fall 2017	Hybrid

1/2013-5/2013

Course Instructor, The University of North Texas Health Science Center. Fort Worth, TX.

• Preparation and delivery of course materials and resources. Courses include:

Course Number & Title	Semester/Yr.	Format
EPID 5318 Chronic Disease Epidemiology	Fall 2013	In-class

Guest Lecturer & Facilitator

Spring 2023	Survey Methodology: APIC 2020 MegaSurvey Highlighting Sample Design. EPID 5312 Survey Research and Questionnaire Design. The University of North Texas Health Science Center.
Fall 2022	Introduction to Public Health Epidemiology for Healthcare Providers. BIOL 40111 Topics in Medicine: The Practice of Medicine; Texas Christian University.
Spring 2021	Critical Appraisal of Epidemiologic Studies and Literature. EPID 5310 Intermediate Epidemiology; The University of North Texas Health Science Center
Fall 2021	Evidence-Based Public Health and Communicable Diseases- class lecture and case study of a healthcare-associated infectious disease outbreak. PHED 5330 Foundations of Public Health; The University of North Texas Health Science Center.
Spring 2020	Interprofessional Practice Education (IPE)- Practice knowledge and application of the four core IPE competencies through an interprofessional team discussion of the COVID-19 pandemic; The University of North Texas Health Science Center.
Fall 2018	Cryptosporidiosis Response and Outbreak Management. KINE 3352 Introduction to Epidemiology; The University of Texas at Arlington.
Spring 2017	Outbreak Case Study in Healthcare-Associated Infections. PBHL 2310 Introduction to Epidemiology; Tarleton State University.

Dissertation Committees

12/2019-8/2022 Committee Member, Leilani Dodgen- PhD Epidemiology. The University of North Texas Health Science Center.

Professional Experience

5/2019-3/2021

Infection Prevention Surveillance Analyst (PRN), Baylor Scott and White All Saints Medical Center. Fort Worth, TX.

- Review of laboratory results and patient records to determine healthcareassociated infection status per the CDC National Healthcare Safety Network (NHSN)surveillance definition
- Assistance in quality control initiatives pertaining to NHSN surveillance data

12/2017-5/2019

Infection Prevention Manager, Baylor Scott, and White All Saints Medical Center. Fort Worth, TX.

- Leadership and management of key infection and control initiatives to reduce preventable infections by applying epidemiologic principles and statistical methods
- Oversight of the identification of complex infection control problems, interrelationships of problems, and sources of infection including the identification of infection risks and trends
- Development of an annual infection control plan and surveillance indicators, and coordination of the collection and analysis of data from the indicators.
 Ensure compliance with national standards and regulating bodies such as ICAHO, CDC, OSHA, FDA, and HCFA
- Development of policies and procedures relating to exposure to infectious diseases and prevention of cross-contamination
- Provide consultation to attending physicians, house staff, and nursing regarding the management of patients with communicable diseases and coordinates the implementation of appropriate isolation procedures
- Promotion and facilitation of continuous quality improvement (CQI) activities to achieve a multi-disciplinary patient approach to infection control
- Compilation, interpretation, and reporting of surveillance data, core measures, and other infection-related performance improvement data
- Dissemination of data to appropriate committees, hospital staff, and local health departments
- Planning, organization, development, and implementation of educational programs for employees to maintain compliance with the regulatory agencies, and increase employee awareness of the existence of nosocomial infections; techniques for avoidance and preventive measures to provide a safe environment for hospital employees and patients.
- Development, recommendation, and implementation of an annual infectious diseases budget; monitors expenditures and explains variances Evaluates and recommends new products related to infection control
- Supervision of staff that includes hiring, firing, performance evaluation, training, work allocation, and problem resolution. Plans and conducts staff development programs to improve the effectiveness

7/2013-12/2017

Regional Chief Epidemiologist, Texas Department of State Health Services, Region 2/3. Arlington, TX.

- Planning, development, and coordination of epidemiologic response and policies for a 49-county region in North Texas
- Design and implementation of data collection, data management, data evaluation, and data dissemination processes for advanced epidemiological investigations and studies
- Response to outbreaks of communicable diseases in a 49-county region in North Texas including healthcare-associated outbreaks in acute care and long-term care facilities
- Supervision of five epidemiologists and two support staff
- Coordination and mentorship of graduate and undergraduate public health students
- Consultation to provide data-driven recommendations for the implementation of public health programs and policies
- Preparation and presentation of data for conferences and academic institutions to enhance overall knowledge and awareness of public health practice
- Establishment of working relationships with law enforcement, hospital-based laboratories, and other public health institutions to strengthen communication and preparedness among key stakeholders

6/2008-7/2013

Epidemiologist, Tarrant County Public Health. Fort Worth TX.

- Notifiable disease investigation and prevention activities including outbreak
 prevention and control including healthcare-associated outbreaks in acute care
 and long-term care facilities
- Conduct and coordinate infectious disease surveillance activities including assistance in statistical analysis and interpretation of data generated from surveillance activities
- Preparation and presentation of communicable diseases information to community stakeholders and professional organizations
- Assistance in preparing funding and grant documentation relating to public health preparedness
- Preparation and maintenance of departmental and division quality control/management protocols and procedures

7/2002-5/2008

Microbiologist, Tarrant County Public Health. Fort Worth, TX

- Establishment of the Bioterrorism Response and Emerging Agents laboratory section including writing and maintaining laboratory testing and quality control protocols, procedures, and forms
- Processing and testing environmental samples and clinical specimens utilizing

- BSL-3 conditions and molecular detection methods such as real-time PCR, RT-PCR, RNA, and DNA extraction and purification for enhanced infectious disease detection
- Conduct investigation and surveillance of emerging infectious agents including potential agents of bioterrorism in order to mount a timely public health response
- Training and indirect supervision of other microbiologists in all aspects of environmental sample and clinical specimen processing and testing utilizing BSL-3 conditions

Certifications

- **Certified in Infection Prevention and Control,** Certification Board of Infection Control and Epidemiology (CBIC), Certification number: 108969. Issued: 12/2016, Expiration: 12/2026
- **Long-Term Care Certification in Infection Prevention.** Certification Board of Infection Control and Epidemiology (CBIC), Certification number: 108969. Issued: 12/2022, Expiration: 12/2027
- **Certified in Public Health,** The National Board of Public Health Examiners (NBPHE), Certification number: 7563. Issued: 2/2012, Expiration: 12/2024
- **Certified Technologist in Molecular Biology,** American Society for Clinical Pathologist (ACSP), Certification number: 1004. Issued: 8/2004, Expiration: 9/2025

Honors and Awards

2/2023 2022 "Valubility of the Year" Award, UNTHSC. University-wide recognition for actions that highlight the university's values. 2022 University "Career Champion" Nominee, UNTHSC Center for Career Readiness. 5/2022 Awarded based on nomination from students. The 400: Fort Worth's Most Influential People, Fort Worth Inc. Magazine. Awarded for 6/2021 outreach activities during the COVID-19 pandemic. 5/2021 SPH COVID-19 Response Trail Blazer Award, Public Health Student Government Association, The University of North Texas Health Science Center. Awarded for outreach activities during the COVID-19 pandemic. 5/2017 Delta Omega Honorary Society in Public Health, Alpha Sigma Chapter. Alumni inductee 3/2015 North Central Texas Emergency Preparedness Regional Service Award, North Central Texas Council of Governments. Awarded due to leadership role in the Dallas Ebola Response

Service to Profession

1/2022-Present	Section Editor- Research Committee Implementation Science. American Journal of Infection Control.
1/2021-Present	Member, Research Committee. Association for Professionals in Infection Control and Epidemiology.
5/2021-Present	Chair, Epidemiology Section. Texas Public Health Association.
10/2020-Present	Workgroup member- infection prevention and control, Mobilizing Action for Preparedness (MAP) Long-term care collaborative. Fort Worth, Texas.
5/2013-Present	Member, Infectious Disease Committee- Healthcare-Associated Infections Subcommittee. The Council of State and Territorial Epidemiologists.
5/2013-Present	Member, Cross Cutting Committee- Public Health Law Subcommittee. The Council of State and Territorial Epidemiologists.
5/2013-Present	Member, Cross Cutting Committee- Epidemiology Methods Subcommittee. The Council of State and Territorial Epidemiologists.
11/2017-6/2022	Chair, The Tarrant County Infection Prevention Council. Fort Worth, Texas.
4/2020-9/2020	Workgroup member, COVID-19 Long-Term Care Task Force. Fort Worth, Texas.
10/2020-5/2021	Chair-elect, Epidemiology Section. Texas Public Health Association.
1/2009-10/2020	Member, Epidemiology Section. The Texas Public Health Association.
6/2012-6/2014	Workgroup Member, Epidemiology Workgroup. National Association of County and City Health Officials.
4/2015-4/2016	Section Lead, Epidemiology Section. The Texas Public Health Association.
6/2016-5/2018	Co-Chair, Cross Cutting Committee- Epidemiology Methods Subcommittee. The Council of State and Territorial Epidemiologists.
Consultation Service	e

Consultation Service

10/2020-10/2020	Texas House of Representatives, Representative Chris Turner, House Higher Education Committee Meeting. General infection prevention and control measures regarding COVID-19 and in-person meetings/gatherings.
5/2020-9/2020	University of North Texas, Dallas. General infection control and public health consultation for SARS-CoV-2 University reopening policies and procedures.
4/2020-4/2020	Clinical Pathology Laboratories (CPL) and Catalyst Health. Epidemiology consultation for final SARS-CoV-2 Serology and RT-PCR testing result interpretation for alignment with public health practice guidelines.

Community Service

1/2021-Present	Certified Nursing Home Ombudsman, Texas Long-Term Care Ombudsman Program. Arlington, TX
09/2020- 05/2022	Mentor, Academy 4. Manuel Jara Elementary School. Fort Worth, TX

04/2021-04/2021 Speaker, Sun P-TECH Public Health Mentorship Program. Dallas, TX

University Service

UNTHSC Committees

10/2021- Present	Whole Health Initiative, Community Engagement Leader. The University of North Texas Health Science Center.
4/2020- 5/2023	COVID-19 Taskforce, member. The University of North Texas Health Science Center.
7/2022- 12/2022	Monkeypox Response Taskforce, member. The University of North Texas Health Science Center.
5/2019- Present	Member, Public Health Practice Committee. The University of North Texas Health Science Center.
5/2019- Present	Member, Program Director's Committee. The University of North Texas Health Science Center.
8/2019- Present	Member, Masters Admission Committee. The University of North Texas Health Science Center.
1/2020-5/2023	Member, Microcredentialing Committee. The University of North Texas Health Science Center.
6/2020-9/2020	Member, Equity, Diversity, and Inclusion. The University of North Texas Health Science Center.
10/2019-11/2019	Member, Faculty Search Committee- Assistant Professor, Health Behavior and Health Systems. The University of North Texas Health Science Center.

Departmental Committees

9/2019-11/2019 Member, Curriculum Changes Subcommittee. Biostatistics and Epidemiology Department, The University of North Texas Health Science Center.

Scholarly Activity

Grants

Completed

9/24/20-3/23/21 AHRQ 75Q80120C00003. The National Nursing Home COVID Action Network.

Principle Investigator: Randolph, A.J. Agency for Healthcare Research and Quality,
University of New Mexico Health Sciences. Role: Co-Investigator (10% effort).

The primary purpose of this project was to provide best practices related to preventing COVID-19 spread among nursing home residents, staff, and visitors while building staff confidence and staff retention utilizing a case-study model.

Current

10/1/21-06/30/23

U1QHP28735. Geriatrics Workforce Enhancement Program Competing Supplement (GWEP). Principle Investigator: Janice Knebl. Health Resources and Services Administration (HRSA). Role: Co-Investigator (10% effort).

The purpose of the project is to train the current nursing home workforce to integrate best practices in the management and treatment of older adults living in nursing homes impacted by COVID-19 and to provide value-based care that improves health outcomes for nursing home residents. Additionally, this project provides outreach and community resources to nursing home residents and their families and caregivers to reduce the impact of isolation, separation, and bereavement on mental health.

Publications

Dodgen, L., Kitzman, H., Spence, E., Mamun, A., Walters, S.T., & **Cervantes, D**. (2023). What's theory got to do with it: measuring effects of theory on lifestyle behaviors and weight in the Better Me Within Randomized Trial. American Journal of Health Education. https://doi.org/10.1080/19325037.2022.2163007

Hebden, J.N., **Cervantes, D.**, Monsees, E. (2023). The barriers and facilitators to hand hygiene practice in Nigeria: A qualitative study, American Journal of Infection Control 51(3). https://doi.org/10.1016/j.ajic.2022.12.007.

Teasley J, Bodily-Bartrum M, **Cervantes D**. Journal Club: Implementation of an evidence-based bundle to reduce surgical site infection after cesarean section-Review of the interventions. Am J Infect Control. 2022 Oct;50(10):1190-1191. doi: 10.1016/j.ajic.2022.07.014. PMID: 36150796.

Cervantes, D., Hessels, A., Franck, J., Pogorzelska-Maziarz, M. (2022). State of Infection Prevention and Control in Non-Acute Care U.S. Settings: 2020 APIC MegaSurvey, American Journal of Infection Control. doi: https://doi.org/10.1016/j.ajic.2022.08.005

Tao, M. Liu, J. **Cervantes, D.** (2022). Association between magnesium intake and cognition in US older adults: National Health and Nutrition Examination Survey (NHANES) 2011-2014. Alzheimer's & Dementia: Translational Research & Clinical Interventions. 8(1). https://doi.org/10.1002/trc2.12250

Adams, J., Mauldin, T., Yates, K., Ashe, T., **Cervantes, D.**, Tao, M. (2022). Factors related to the accurate application of NHSN surveillance definitions for CAUTI and CLABSI in Texas hospitals: A cross-sectional survey. American Journal of Infection Control. 50(1), 111-113. https://doi.org/10.1016/j.ajic.2021.07.007

Cervantes, D. and Hei, H. (2022). Journal Club: Racial disparities in catheter-related urinary tract infections among elderly trauma patients in the US. American Journal of Infection Control. 50(1), 120-121. https://doi.org/10.1016/j.ajic.2021.10.006

Ananth S., Shrestha N., Treviño C J.A., Nguyen U.S., Haque U., Angulo-Molina A., Lopez-Lemus U.A., Lubinda J., Sharif R.M., Zaki R.A., Sánchez Casas R.M., **Cervantes D.**, Nandy R. Clinical Symptoms of Arboviruses in Mexico. Pathogens. (2020) Nov 19;9(11). doi: 10.3390/pathogens9110964.

Shrestha N., Shad M.Y., Ulvi O., Khan M.H., Karamehic-Muratovic A., Nguyen U.D.T., Baghbanzadeh M., Wardrup R., Aghamohammadi N., **Cervantes D.**, Nahiduzzaman K.M., Zaki R.A, Haque U. The impact of COVID-19 on globalization. One Health. (2020). Oct 13;100180.

Cervantes D., Honza H., Lynch D., *et al. Notes from the Field:* Mumps Outbreak Associated with Cheerleading Competitions — North Texas, December 2016–February 2017. MMWR Morb Mortal Wkly Rep 2018; 67:1019–1020.

Vaidehi, S., Kirsch, KR., **Cervantes, D.**, Zane, DF., Haywood, T. and Horney, JA. (2017) Flash Flood Swift Water Rescues, Texas, 2005-2014. Climate Risk Management (17), 11-20.

Cervantes, DT., Ball, JM., Edwards, J., Payne, SL. (2016). Horses naturally infected with equine infectious anemia virus (EIAV) harbor 2 distinct populations of surface protein (SU) but are monophyletic with respect to integrase (IN). Virus Genes, 52 (1), 71-80.

Cervantes, DT., Chen, S., Sutor, L. J., Stonecipher, S., Janoski, N., Wright, D.J., & Busch, MP. (2015). West Nile Virus Infection Incidence Based on Donated Blood Samples and Neuroinvasive Disease Reports, Northern Texas, USA, 2012. Emerging Infectious Diseases, 21(4), 681–683.

Fritschel, E., Sanyal, K., Threadgill, H., & Cervantes, D. (2015). Fatal Legionellosis after Water Birth, Texas, USA, 2014. Emerging Infectious Diseases, 21(1), 130–132.

Chevalier MS, Chung W, Smith J, Weil LM, Hughes SM, Joyner SN, Hall E, Srinath D, Ritch J, Thathiah P, Threadgill H, **Cervantes D**, Lakey DL; Centers for Disease Control and Prevention (CDC). (2014). Ebola virus disease cluster in the United States--Dallas County, Texas, 2014. MMWR Morb Mortal Wkly Rep. Nov 21; 63(46):1087-8.

Cervantes, D., Fischbach, L.A., Goodman, KJ., Phillips, C., Chen, S., & Broussard, C. (2010). Exposure to Helicobacter pylori-positive Siblings and Persistence of Helicobacter pylori Infection in Early Childhood. Journal of Pediatric Gastroenterology and Nutrition, 50(5), 481–485.

Cervantes, DT., & Fischbach, LA. (2010). Gastric cardia adenocarcinoma in Taiwanese men: Positive associations due to selection bias. World Journal of Gastroenterology: WJG, 16(12), 1553–1554.

Ojha RP, **Cervantes D**, Fischbach LA. (2007). Oral pentoxifyline and pentavalent antimony for treatment of leishmaniasis: promising but inconclusive evidence of superiority, compared with antimony monotherapy. Clinical Infectious Diseases. 45(8):1104.

Abstracts

Ross, S., **Cervantes, D**., Severance, J. and Knebl, J. (2022). Promoting resident safety through training for certified nurse aides, residents, families, and ombudsmen. Gerontological Society of America Annual Scientific Meeting, Indianapolis, IN.

Dodgen, L., Kitzman, H., Spence, E., Abdullah, M., Walters, S.T., & **Cervantes, D**. (2022). What's theory got to do with it: measuring effects of theory on lifestyle behaviors and weight in the Better Me Within Trial. American Public Health Association Annual Meeting & Expo, Boston, MA, United States.

Mauldin, T., Adams, J., Zumwalt, C. **Cervantes, D.,** Ashe, T., Tao, M. (2021). Factors related to the accurate application of NHSN surveillance definitions for CAUTI and CLABSI in Texas hospitals. American Journal of Infection Control. 49(6):S16-17.

Dang, T., Cervantes, D., Honza, H. (2018). Infection control measures in healthcare facilities amidst a community outbreak of mumps. American Journal of Infection Control. 46(6):S23.

Cervantes, D., Fischbach, LA., Goodman, KJ., and Cardenas, V. (2006). Exposure to *H. Pylori*-positive siblings and persistence of *H. Pylori* infection in early childhood. American Journal of Epidemiology. 163(suppl_11):S12-S12.

Conference and Professional Meeting Presentations

Podium Presentations

Cervantes, D. (June 2023). Preventing Infections and Protecting Resident Rights: Infection Control Advocate and Resident Education (ICARE) Program for Nursing Home Care Quality Improvement. Annual Conference, Council of State and Territorial Epidemiologists. Salt Lake City, UT.

Cervantes, D. (June 2022). Next steps for infection prevention & control in non-acute care settings: 2020 APIC MegaSurvey Review. Annual Conference, Association for Professionals in Infection Control and Epidemiology. Indianapolis, IN.

Cervantes, D. (June 2021). APIC 2020 MegaSurvey: Infection prevention in non-acute care settings. Annual Conference, Association for Professionals in Infection Control and Epidemiology. Virtual Conference.

Dieyi, C. and **Cervantes, D**. (July 2017). Establishment of midwifery guidelines for waterbirth. Research Rounds, Texas Department of State Health Services. Austin, TX.

Cervantes, D., Honza, H., Retana, JD., Pulvino, S., VanAuker, L., LaMandoza, K., Lockwood, L., and Cohlmia, C. (June 2017). Mumps Outbreak in Johnson County, Texas, November 2016-March 2017. Annual Conference, Council of State and Territorial Epidemiologists. Boise, ID.

Cervantes, D. and Dang, T. (June 2017). Infection control training and certification: lessons learned from public health epidemiologists and infection preventionists. Annual Conference, Council of State and Territorial Epidemiologists. Boise, ID.

Cantu, V., Leos, G., Abanyie, F., Herwaldt, B., **Cervantes, D**., Hall, E., Srinath, D., Thibodaux, C., Broussard, J., and Wellman, A. (June 2014). Cyclosporaiasis outbreak in Texas, 2014. Annual Conference, Council of State and Territorial Epidemiologists. Boston, MA.

Poster Presentations

Adams, J., Mauldin, T., Yates, K., Zumwalt, C., Ashe, T., **Cervantes, D.** and Tao, M. (June 2021). Factors Related to the Accurate Application of NHSN Surveillance Definitions for CAUTI and CLABSI in Texas Hospitals: A Cross-Sectional Survey. Annual Conference, Association for Professionals in Infection Control and Epidemiology. Virtual Conference.

Retana, JD., **Cervantes, D**. (June 2016). Study of cyclospora outbreaks using the case-chaos study design. Annual Conference, Council of State and Territorial Epidemiologists. Anchorage, AK.

Pulvino, S., **Cervantes, D**., Migala, W. (April 2016). Study of cyclospora outbreaks using the case-chaos study design. 93rd Annual Education Conference, Texas Public Health Conference. Galveston, TX.

Cervantes, D., Fritschel, E. and Fordjour, Emmanuel. (June 2015). Infection control and midwifery: a survey of waterbirth practices. Annual Conference, Council of State and Territorial Epidemiologists. Boston, MA.

Jones, R., **Cervantes, D**., Rodriquez, J., and Wiseman, R. (June 2014). North Texas measles outbreak, 2013. Annual Conference, Council of State and Territorial Epidemiologists. Nashville, TN.

Cervantes, D., Busch, MP., Sutor, LJ., Moerbe, M., Janoski, N., Marshall, K. and Kurian, A. (June 2013). West Nile Virus Infections in North Texas, 2012: estimation based on viremic blood donors and neuroinvasive disease. Annual Conference, Council of State and Territorial Epidemiologists. Pasadena, CA.

Invited Seminars & Presentations

"ICARE: Infection Control Advocate and Resident Education- Resident Rights and Infection Prevention". Texas Long-Term Care Ombudsman Office. 28 February 2023.

"Introducing ICARE: Infection Control Advocate and Resident Education". TMF Nursing Home Educational Session. 13 March 2023.

"Nursing home advocacy". NETX Counts Health Champion Community Meeting. Tarleton State University. 13 October 2022.

"Lessons from COVID-19: What has Tarrant County learned?". Community Panel Discussion, Fort Worth Report. 19 October 2022.

"Person-centered prevention: The key to pandemic progress". TEDx, The University of North Texas. 1 October 2021. https://youtu.be/Grp68nSQAU0

"Chancellor's UNT World Town Hall: COVID-19 Update". 29 Sept 2021. https://youtu.be/BDK0sGfty3I

"Aging through a pandemic: what you need to know to help your older adult patients". Grand Rounds-Texas College of Osteopathic Medicine, Health Science Center. 9 June 2021.

"COVID-19 Variants- Update for Providers". TMF Community Coalition (Wichita Falls, Sherman, North Texas). 3 June 2021.

"Leadership in Public Health: Panel Discussion". Texas Public Health Association, 2021 Annual Education Conference. 19 May 2021.

"COVID-19 Vaccine: Expert Community Panel". DeSoto Police Clergy and Community COVID-19 Vaccine and Virus Informational Town Hall. 23 March 2021.

"B Movies and Bad History: Outbreaks- exploring the stories behind on-screen outbreaks". Bullock Museum. Online Program. 28 January 2021.

"COVID-19: The press and the public's health". Opening Keynote Speaker for the American Society for Microbiology- Texas Branch, Annual Conference. 5 November 2020. Virtual Conference.

"Infection Control and Health Literacy". Texas Women's Policy Forum, symposium. 23 October 2020.

"COVID-19 Status Update". UNTHSC Safety Town Hall. 4 September 2020. Virtual Town Hall.

"TLA Talks: COVID-19 Safety & Managing Risk When Opening". Texas Library Association. Webinar. 30 June 2020.

"Safe return to school: COVID-19 state and national trends". Crowley Independent School District. Virtual Town Hall. 16 June 2020.

"Coronavirus: Overview and FAQs". The University of North Texas, Dallas. 17 March 2020. Dallas, TX.

"Epidemiology data and beyond". 13th Weatherford College Annual Coyote Area Math Championship. 6 February 2015. Weatherford, TX.

"Foodborne outbreaks among vulnerable populations". The Association for Professionals in Infection Control and Epidemiology, Dallas-Fort Worth Chapter. 3 September 2015.

Dallas, TX. "West Nile regional response". Epidemiology and Laboratory Capacity (ELC) Epidemiology Workshop, Texas Department of State Health Services. 23 February 2003. Austin, TX.

Fellowships and Scholarships

2022-current Fellow, A	Association for Professionals	in Infection Contro	l and Epidemiology
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(FAPIC). Association for Professionals in Infection Control and Epidemiology.

2019-2021 Fellow, Steps Toward Academic Research (STAR) Fellowship. Texas Center for

Health Disparities. The University of North Texas Health Science Center.

Additional Training

12.	['] 2020	Higher Educa	tion Teaching	Certificate.	The Derek Bok	Center for Teaching and	d

Learning, Harvard.

6/2019 Course Design Seven Day Working Retreat. Center for Integrative Learning, The

University of North Texas Health Science Center.

Professional Societies

Memberships						
05/2001- Present	The American Society for Microbiology					
08/2008-Present	Council of State and Territorial Epidemiologists					
03/2013-Present	American Society for Clinical Pathology					
06/2013-Present	Association for Professionals in Infection Control and Prevention and Epidemiology					
06/2016-Present	Texas Public Health Association					
07/2014-Present	Texas Society for Infection Control & Prevention					
12/2018-Present	Society for Healthcare Epidemiology of America					

Media Appearance and Interviews

News Op-Ed

Cervantes, D and Mansdorfer, D. (2020). "Fort Worth, here are the steps to take to prepare for coronavirus". *The Star-Telegram.* 5 March 2020. Retrieved from https://www.star-telegram.com/opinion/opn-columns-blogs/other-voices/article240911486.html

News Interviews (Subject Matter Expert)

Roos, R. (2009). "Texas program aims for web-based school flu surveillance". Center for Infectious Disease Research and Policy. 26 June 2009. https://www.cidrap.umn.edu/news-perspective/2009/06/texas-program-aims-web-based-school-flu-surveillance

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