Ami E. Sedani, PhD, MPH

Assistant Professor,
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EDUCATION AND TRAINING

Education

2018 – 2023 **PhD, Epidemiology**
Department of Biostatistics and Epidemiology (joint program),
University of Oklahoma Health Campus, Oklahoma City, OK
Dissertation: "Understanding Emerging Issues in Tobacco Use and Lung Cancer Prevention Strategies"

2014 – 2016 **MPH, Epidemiology**
University of Nebraska Medical Center, Omaha, NE
Thesis: "The Impact of Initiating Screening Programs on Referral and Management of Cervical Cancer in Tanzania"

2010 – 2013 **BS, Biological Sciences**
Arizona State University, Tempe, AZ
Concentration: Biology & Society

Training

2023 – 2024 **Postdoctoral Research Scholar**
Men's Health Inequities Research Lab (PI: Charles R. Rogers, PhD, MPH, MS, MCHES®), Division of Epidemiology and Social Sciences, Institute for Health & Humanity, Medical College of Wisconsin (06/2023–03/2024) and Colorectal Cancer Equity Foundation (04/2024–12/2024), Milwaukee, WI (Remote)

- Led epidemiologic and statistical analyses for cancer prevention and health equity research focused on colorectal cancer screening and early-onset colorectal cancer; collaborated with academic, community, nonprofit, and public health partners on study design, community-engaged data collection, and scientific dissemination.

Summer 2020 **Pre-doctoral Fellow**, [Cancelled due to CoVID-19]
Intramural Summer Program, the Behavioral Research Program, Division of Cancer Control & Population Sciences, National Cancer Institute (NCI), Bethesda, MD

- Selected for a competitive summer research fellowship in cancer control and population sciences focused on built environment, and cancer prevention research; appointment was cancelled because of the COVID-19 pandemic.

2017 – 2018 **Applied Chronic Disease Epidemiology Fellow,**
National Mentorship Program in Applied Chronic Disease Epidemiology, National Association of Chronic Disease Directors (NACDD) in partnership with the Centers for Disease Control and Prevention (CDC)

- Advanced training in chronic disease surveillance, Geographic Information Systems (GIS), and epidemiologic communication, with emphasis on translating population health data into reports, visualizations, and decision-support tools for public health practice.

2015 – 2016 **R25 Predoctoral Fellow**, Cancer Epidemiology
Cancer Epidemiology Education in Special Populations (CEESP; NIH/NCI R25CA112383), College of Medicine, City University of New York (formerly at the University of Nebraska Medical Center, Omaha, NE) in partnership with Ocean Road Cancer Institute, Dar es Salaam, Tanzania

- Competitive NCI-funded cancer epidemiology training program combining specialized coursework, international field experience, and mentored research focused on cervical cancer screening and cancer control in Tanzania.

PROFESSIONAL EXPERIENCE

Academic

01/2025 – Present **Assistant Professor (Tenure Track)**
Department of Epidemiology, School of Public Health, The University of Texas Health Science Center at Houston (UTHealth Houston), Dallas, TX

- Faculty member, Center for Health Promotion and Prevention Research (CHPPR)

09/2021 – 06/2023 **Hudson Fellow in Public Health**
Hudson College of Public Health, University of Oklahoma Health Campus (formerly University of Oklahoma Health Sciences Center), Oklahoma City, OK

- Competitive multi-year doctoral fellowship supporting independent dissertation research, scholarly productivity, and professional development in public health.

08/2018 – 08/2021 **Graduate Research Assistant**
Biostatistics and Epidemiology Research Design and Analysis Center (RDAC), Department of Biostatistics and Epidemiology, Hudson College of Public Health, University of Oklahoma Health Campus, Oklahoma City, OK

- Provided epidemiologic, statistical, and geospatial analytic support for cancer prevention and control research projects while collaborating with interdisciplinary academic and community partners, including Tribal health organizations.

05/2011 – 08/2013 **Research Assistant**
Designing Health Lab (PI: Eric B. Hekler, PhD), College of Health Solutions, Arizona State University, Phoenix, AZ

- Contributed to research examining digital health, behavioral interventions, social support, and weight management through quantitative and qualitative data analysis and evidence synthesis.

Public Health Practice

09/2016 – 08/2018 **Chronic Disease Epidemiologist**
Epidemiology & Informatics Unit and Health Promotion Unit (joint appointment), Division of Public Health, Nebraska Department of Health and Human Services, Lincoln, NE

- Served as the sole epidemiologist supporting multiple CDC-funded chronic disease cooperative agreements totaling more than $4 million annually and spanning diabetes, cardiovascular disease, school health, nutrition, physical activity, and healthy aging programs.
- Produced surveillance reports, data visualizations, and geographic analyses; collaborated on evaluation planning, indicator development, performance monitoring, and grant applications; and translated data into actionable information for program planning, implementation, and decision-making.

01/2016 – 09/2016 **Chronic Disease Prevention Intern**
Douglas County Health Department, Omaha, NE

- Supported chronic disease prevention and health equity initiatives through electronic health record quality improvement activities, community-based health assessments, and chronic disease education.
- Collaborated with community health workers, healthcare providers, and public health practitioners to support diabetes prevention and chronic disease management efforts in underserved communities.

12/2014 – 08/2016 **AmeriCorps Service Scholar,** Nutrition Educator
Nutrition Education Program, Nebraska Extension (AmeriCorps), Douglas-Sarpy County, and Dodge County, NE

- Delivered evidence-based nutrition and physical activity education to limited-resource youth and families through school, after-school, and community-based programs.
- Evaluated program outcomes using pre- and post-assessment data and contributed to the development and implementation of nutrition education curricula promoting healthy eating and active living.

GRANTS AND RESEARCH SUPPORT

Current/Active

Texas Spatial-Temporal Data Science, Informatics and Modeling Core (TEX-SIM)
Sponsor: Cancer Prevention and Research Institute of Texas (CPRIT), RP250630
Role: Co-Investigator (15%)
PI: Bauer
Project Period: 06/01/2025–05/31/2030
Total Award: $2,977,115
Purpose: Develop spatial-temporal data science, informatics, and modeling infrastructure to support cancer research across Texas.

Optimizing Health Systems for Colorectal Cancer Screening: Implementation of Evidence-Based Interventions to Increase Colorectal Cancer Screening in Texas Federally Qualified Health Centers
Sponsor: CDC, NU58DP007988
Role: Co-Investigator (5%)
PI: Fernandez
Project Period: 08/25/2025–08/29/2030
Purpose: Increase adoption and implementation of evidence-based interventions to improve colorectal cancer screening and follow-up among patients served by federally qualified health centers in Texas.

ACCESS: Advancing Colorectal Cancer Screening in East and South Texas Services
Sponsor: CPRIT, PP260090
Role: Co-Investigator (5%)
MPIs: Fernandez and Balasubramanian
Project Period: 11/19/2025– 08/29/2030
Total Award: $1,469,982
Purpose: Increase colorectal cancer screening and follow-up among underserved populations in East and South Texas through implementation of evidence-based interventions, patient navigation, community outreach, and partnerships with federally qualified health centers.

Pending Research Support

Integrating Real World Data and Implementation Science to Improve Colorectal Cancer Screening Among Adults 45–49
Sponsor: NIH/NCI K01 (PA-24-176)
Role: Principal Investigator (75%)
PI: Sedani
Requested Total Costs: $751,426
Original Submission Date: 02/12/2026
Current Status: Resubmission (A1) in Preparation
Planned Resubmission: 11/12/2026
Purpose: Develop an independent research program focused on improving colorectal cancer screening among newly age-eligible adults through the integration of real-world data and implementation science approaches.

Completed

Assessing Colorectal Cancer Screening and Follow-up in Texas Medicaid Enrollees
Sponsor: Comparative Effectiveness Research on Cancer in Texas (CPRIT) via UTMB Data Management and Analysis Core (DMAC) Subaward, P017062
Role: Principal Investigator (10%)
PI: Sedani
Project Period: 08/31/2025–08/30/2026
Total Award: $20,000
Purpose: Examine colorectal cancer screening utilization and follow-up among newly age-eligible Texas Medicaid enrollees.

Developing a Barbershop-Based Trial on Masculinity Barriers to Care and Colorectal Cancer Screening Uptake among African American Men Using a Mixed Methods Approach
Sponsor: NIH/NCI, K01CA234319
Role: Postdoctoral Research Scholar/Biostatistician
PI: Rogers (2023-2024)
Project Period: 09/2018–08/2024
Total Award: $878,365
Purpose: Develop and pilot test an intervention that specifically targets masculinity barriers to care and colorectal cancer uptake among screening-eligible Black men.

Barriers to Accessing Specialty Care among American Indian Children with Cancer
Sponsor: American Cancer Society-Institutional Research Grant
Role: Graduate Research Assistant (2021)
PI: Janitz
Project Period: 09/2020–10/2023
Total Award: $50,000
Purpose: Explore whether American Indian children differ from non-Hispanic white children in cancer treatment and outcomes in Oklahoma.

Completed Public Health Practice Funding Support
†Contributed to proposal development and grant writing but was not eligible to serve as Principal Investigator due to state government appointment structure.

Improving the Health of Americans Through Prevention and Management of Diabetes and Heart Disease and Stroke (1815)
Sponsor: CDC, NU58DP006548
Role: Epidemiologist† (2018)
PI: Kay Wenzel (Nebraska DHHS)
Project Period: 09/2018-10/2022

Diabetes and Heart Disease & Stroke Prevention Programs: Innovative State and Local Public Health Strategies (1817)
Sponsor: CDC, NU58DP006617
Role: Epidemiologist† (2018)
PI: Kay Wenzel (Nebraska DHHS)
Project Period: 09/2018-10/2022

Improving Student Health and Academic Achievement Through Nutrition, Physical Activity, and the Management of Chronic Conditions in Schools (1801)
Sponsor: CDC, NU58DP2018005644
Role: Epidemiologist† (2018)
PI: Zainab Rida (Nebraska Department of Education)
Project Period: 06/2018-07/2022

Empowering Older Adults and Adults with Disabilities Through Chronic Disease Self-Management Education Programs
Sponsor: Administration for Community Living, NU58DP006617
Role: Epidemiologist† (2018)
PI: Kay Wenzel (Nebraska DHHS)
Project Period: 08/2018-07/2020

State Public Health Actions to Prevent and Control Diabetes, Heart Disease, Obesity and Associated Risk Factors and Promote School Health (1305)
Sponsor: CDC, NU58DP004819
Role: Epidemiologist (2016–2018)
PI: Kay Wenzel, Nebraska Department of Health and Human Services
Project Period: 06/2013–06/2018

State and Local Public Health Actions to Prevent Obesity, Diabetes, and Heart Disease and Stroke (1422)
Sponsor: CDC, NU58DP005493
Role: Epidemiologist (10/2016–10/2018); Graduate Student Intern (01/2016-09/2016)
PI: Kay Wenzel, Nebraska Department of Health and Human Services
Project Period: 09/2014–10/2018

PUBLICATIONS

*Mentored student/trainee.

Peer-Reviewed Publications (n=26)

Lead Author Publications: 15 (58%) | Collaborative Publications: 11

1. Rodriguez, V. E., **Sedani, A. E.,** Moore, J. X., Bertrand, K., Qin, B., & Warner, E. T. (In Press). 50 Years of Cancer Disparities Research: Progress, Achievements, and Future Directions. *Preventive Oncology & Epidemiology*. doi: 10.1080/28322134.2026.2727796.

2. Diaby, M., Feizy, S., Zhang, J., Lee, J., **Sedani, A. E.,** Bello, M. S., Garner, W., Rayens, M. K., Rose, S.W., & Mattingly, D. T. (2026). Disparities in Poly-Tobacco Use Among United States Adults in the All of Us Research Program. *Addictive Behaviors*, 108862. doi:10.1016/j.addbeh.2026.108862.

3. **Sedani, A. E.,** Balasubramanian, B. A., Wheeler, S. B., & Ganguly, A. P. (2026). Social Risk Burden Among U.S. Cancer Survivors Across Adulthood: Evidence from the 2022–2023 BRFSS*. Cancer Research Communications*. doi:10.1158/2767-9764.CRC-25-0664.

4. **Sedani, A. E.,** *McCall, C., Korous, K. M., *Rifelj, K. K., & Rogers, C. R. (2025). Self-Rated Health and Colorectal Cancer Screening Intentions and Behaviours Among US Men (aged 45-75). *International Journal of Men's Social and Community Health*, 8(1), 23-35. doi:10.3138/ijmsch.2024.0003.

5. **Sedani, A. E.,** Gomez, S., Lawrence, W., Moore, J., Brandt, H., & Rogers, C. R. (2025). Social Risks and Nonadherence to Recommended Cancer Screening Among US Adults. *JAMA Network Open,* 8(1), e2449556-e2449556. doi:10.1001/jamanetworkopen.2024.49556. PMCID: PMC11699527.

6. **Sedani, A. E.,** Frank-Pearce, S.G., Chen, S.**,** Peck, J. D., Campbell, J. E., Chou, A. F., & Beebe, L. A. (2025). Impact of Quitline Services on Tobacco Cessation: An Application of Modern Epidemiological Methods. *American Journal of Epidemiology, 194(5), 1322-1331.* doi:10.1093/aje/kwae292. PMCID: PMC12055460.

7. **Sedani, A. E.**, Frank-Pearce, S.G., Beebe, L. A., Campbell, J. E., Peck, J. D., Chou, A. F., & Cohn, A. M. (2025). Cannabis Use and Subsequent Cigarette Discontinuation Among US Adults in the Population Assessment of Tobacco and Health (PATH) Study, Waves 1-5. *Nicotine & Tobacco Research, 27(2), 208-216.* doi:10.1093/ntr/ntae202. PMCID: PMC11879569.

8. **Sedani, A. E.,** Baxter, S., Benavidez, G., Grande, S., Aspiras, O., & Rogers, C. R. (2025). Masculinity and Colorectal Cancer Screening: A Cross-Sectional Study of Men Attending State Fairs in Minnesota and Wisconsin. *Annals of Behavioral Medicine,* 59(1), kaaf040*.* doi:10.1093/abm/kaaf040. PMCID: PMC12169332.

9. Benavidez, G., **Sedani, A. E.,** Asare, M., Felder, T., & Rogers, C. R. (2024). Rural-Urban Disparities and Trends in Cancer Screening: An Analysis of BRFSS Data (2018-2022). *JNCI Cancer Spectrum,* 8(6), pkae113. doi:10.1093/jncics/pkae113. PMCID: PMC11671142.

10. **Sedani, A. E.,** Islam, J. Y., Griffith, D., *Rifelj, K. K., *McCall, C., Rodriquez-Garcia, O., Camacho-Rivera, M., & Rogers, R. C. (2024). Sociocultural and Masculinity Influences on Colorectal Cancer Screening Participation Among Hispanic/Latino Men in Florida, New York, and Texas. *Cancer Medicine*, 13(18), e70159. doi:10.1002/cam4.70159. PMCID: PMC11413917.

11. **Sedani, A. E.,** Obidike, O.J., Ewing, A.P., *Rifelj, K. K., Kim, J., Wright, S., Carothers, S., Mullins, R., Pesmen, C., Ly-Gallagher, P., & Rogers, C. R. (2024). #CRCandMe: Results of a Pre-Post Quasi-Experimental Study of a Mass Media Campaign to Increase Early-Onset Colorectal Cancer Awareness in Utah and Wisconsin. *American Journal of Cancer Research*, 14(8), 3873. doi:10.62347/PGYM7724. PMCID: PMC11387877.

12. **Sedani, A. E.,** *Rifelj, K. K., Bevel, M., *McCall, C., *Rogalla, M., Laliberte, L., Ellis, K., Pratt, R., & Rogers, C. R. (2024). Effect of an Inflatable Colon on Colorectal Cancer Knowledge and Screening Intent Among Male Attendees at State Fairs in Two Midwestern States, 2023. *Preventing Chronic Disease,* 21:240020*.* doi:10.5888/pcd21.240020. PMCID: PMC11397219.

13. **Sedani, A. E.,** Campbell, J. E., & Beebe, L. A. (2023). Cannabis Use Among Cancer Survivors in 22 States: Results from the Behavioral Risk Factor Surveillance System, 2020. *Cancer,* 129(16), 2499-2513. doi:10.1002/cncr.34793.

14. Campbell, J. E., **Sedani, A. E.,** Dao, H. D. N., Sambo, A. B., Doescher, M., & Janitz, A. E. (2023). Investigation of Geographical Disparities: The Use of an Interpolation Method for Cancer Registry Data. *Oklahoma State Medical Association Journal,* 116(2), 62-71. doi:10.21203/rs.3.rs-592167/v1. PMCID: PMC10321322.

15. Cohn, A., **Sedani, A**. **E.**, Niznik, T., Alexander, A., Lowery, B., McQuoid, J., & Campbell, J. (2023). Population and Neighborhood Correlates of Cannabis Dispensary Locations in Oklahoma. *Cannabis*, 6(1), 99-113. doi:10.26828/cannabis/2023.01.008. PMCID: PMC10212267.

16. **Sedani, A. E., ***Davis, O. C., Clifton, S. C., Campbell, J. E., & Chou, A. F. (2022). Facilitators and Barriers to Implementation of Lung Cancer Screening: A Framework Driven Systematic Review. *JNCI: Journal of the National Cancer Institute,*114(11), 1449-1467. doi:10.1093/jnci/djac154. PMCID: PMC9664175.

17. **Sedani, A. E.,** Chen, S., *Beetch, J. E., Martinez, S. A., Dao, H. D. N., & Campbell, J. E. (2022). Inequalities in Tobacco Retailer Compliance Violations across the State of Oklahoma, 2015–2019. *Journal of Community Health*, 1-8. doi:10.1007/s10900-022-01091-7. PMCID: PMC9288366.

18. Gopalani, S. V., **Sedani, A. E.,** Janitz, A. E., Clifton, S. C., Peck, J. D., Comiford, A., & Campbell, J. E. (2022). Barriers and Factors Associated with HPV Vaccination Among American Indians and Alaska Natives: A Systematic Review. *Journal of Community Health*, 1-13. doi:10.1007/s10900-022-01079-3. PMCID: PMC9167249.

19. **Sedani, A. E.,** *Ford, L. A., James, S. A., & Beebe, L. A. (2021). Factors Associated with Low-Dose CT Lung Cancer Screening Participation in a High Burden State: Results from the 2017-2018 BRFSS. *Journal of Cancer Policy*, 100284. doi:10.1016/j.jcpo.2021.100284.

20. Gopalani, S., **Sedani, A. E.,** Janitz, A., Clifton, S., Stoner, J., Peck, J., Comiford, A., Salvatore, A., & Campbell, J. (2020). HPV Vaccination and Native Americans: Protocol for a Systematic Review of Factors Associated with HPV Vaccine Uptake Among American Indians and Alaska Natives in The United States. *BMJ Open;* 10:e035658. doi:10.1136/bmjopen-2019-035658. PMCID: PMC7478049.

21. Dinkel, D., Dev, D., Guo, Y., Hulse, E., Rida, Z., **Sedani, A**. **E.**, & Abel, K. (2020). Comparison of Urban and Rural Physical Activity and Outdoor Play Environments of Childcare Centers and Family Childcare Homes. *Journal of Family and Community Health*, 43(4),264-275. doi:10.1097/FCH.0000000000000267.

22. **Sedani, A. E.,** Stover, D., Coyle, B., & Wani, R. J. (2019). Assessing Workplace Health and Safety Strategies, Trends, and Barriers through a Statewide Worksite Survey. *International Journal of Environmental Research and Public Health,* 16(14), 2475. doi:10.3390/ijerph16142475. PMCID: PMC6678341.

23. **Sedani, A**. **E.**, Soliman, A., Msemo, D., Mwaiselage, J., Schmid, K., & Kahesa, C. (2019). The Impact of Initiating Screening Programs on Referral and Management of Cervical Cancer in Tanzania. *Journal of Global Oncology,* JGO-18.00052. doi:10.1200/JGO.18.00052. PMCID: PMC6690631.

24. Warehime, S., Dinkel, D., **Sedani, A**. **E.**, Abel, K., & Coyle, B. (2019). A Qualitative Exploration of a Worksite Wellness Mini-Grant Program. *Environmental Health Insights,* 13, 1178630219839016. doi:10.1177/1178630219839016. PMCID: PMC6484666.

25. Dinkel, D., Dev, D., Guo, Y., Hulse, E., Rida, Z., **Sedani, A. E.,** & Coyle, B. (2018). Improving the Physical Activity and Outdoor Play Environment of Family Childcare Homes in Nebraska Through Go Nutrition and Physical Activity Self-Assessment for Childcare. *Journal of Physical Activity and Health*, 15(10), 730-736. doi:10.1123/jpah.2017-0411.

26. Dev, D. A., Williams, N., Iruka, I., Garcia, A. S., Guo, Y., Patwardhan, I., Cummings, K., Rida, Z., & **Sedani, A. E**. (2018). Improving the Nutrition and Screen Time Environment through Self-Assessment in Family Childcare Homes in Nebraska. *Public Health Nutrition*, 21(13), 2351-2359. doi:10.1017/S1368980018001416. PMCID: PMC10260795.

Published Letters/Commentaries

27. Benavidez, G. A., **Sedani, A. E.,** Felder, T. M., Asare, M., & Rogers, C. R. (2026). Response to Bates. *JNCI Cancer Spectrum*, 10(4), pkag064. doi:10.1093/jncics/pkag064.

28. Murphy, C. C., **Sedani, A. E.,** & Balasubramanian, B. A. (2025). Younger Adults, Earlier Screening-What We Are Learning About Colorectal Cancer and What Comes Next. *JAMA*, 334(9), 773-775. doi:10.1001/jama.2025.11473.

Manuscripts Under Review or Revision

1. Benavidez, G. A., Gao D., **Sedani, A. E.,** & Kuo, Y. (Revise & resubmit). Sociodemographic Factors Associated with Medicaid Enrollment Timing Among Women with Cancer in Texas. *Medical Care.*

2. **Sedani, A. E.,** Murphy, C. C., Benavidez, G. A., David, S. V., Kuo, Y., Balasubramanian, B. A., & Lopez, D. S. (Under review). Early Uptake of Colorectal Cancer Screening After Expansion of Eligibility To Age 45 In Texas Medicaid And Commercially Insured Populations. *American Journal of Gastroenterology*.

3. Weber, T. N., Diaby, M., **Sedani, A. E.,** & Mattingly, D. T. (Under review). Polysubstance Use and Substance Use Disorders Among US Adults with a Recent Cancer Diagnosis, 2021–2024. *JNCI Cancer Spectrum.*

Non-Peer Reviewed Publications

1. *Morin, S. R., **Sedani, A. E.,** Sambo, A. B., Campbell, J. E., Hunsucker, L. A., Pharr, S. F., and Doescher, M. P. (2022). Cancer In Oklahoma Data Brief: Series: Lung Cancer in Oklahoma. Community Outreach and Engagement, *OU Health Stephenson Cancer Center*.

2. **Sedani, A.**, *Talladay, C., & Gebhart, L. (2018). Diabetes in Nebraska. *Nebraska Department of Health and Human Services*, Division of Public Health.

3. **Sedani, A.** (2018). Heart Disease Death Rate by County, 2012-2016 [map]. *Nebraska Department of Health and Human Services*, Division of Public Health.

4. **Sedani, A.** (2018). Risk Factors for Cardiovascular Disease by Local Health Department Service Area [map]. *Nebraska Department of Health and Human Services*, Division of Public Health.

5. *Talladay, C., & **Sedani, A**. (2018). Stroke in Nebraska. *Nebraska Department of Health and Human Services*, Division of Public Health.

6. **Sedani, A**. & Gebhart, L. (2018). 1305 Highlights. *Nebraska Department of Health and Human Services*, Division of Public Health.

7. **Sedani, A**. & Gebhart, L. (2018). Cardiovascular Disease in Nebraska. *Nebraska Department of Health and Human Services*, Division of Public Health.

8. **Sedani, A**. (2017). Statewide Provide Survey Report Results. *Nebraska Department of Health and Human Services*, Division of Public Health.

9. **Sedani, A**. (2017). Drive Time to Diabetes Self-Management Education (DSME) Sites in Nebraska, 2017 [map]. *Nebraska Department of Health and Human Services*, Division of Public Health.

10. **Sedani, A**., Coyle, B., Horne, K., & Stover, D. (2017). 2016 Nebraska Worksite Wellness Survey Report. *Nebraska Department of Health and Human Services,* Division of Public Health.

11. **Sedani, A**. & Gebhart, L. (2017). CDSS at South Omaha Medical Associates. Best Practices for Cardiovascular Disease Prevention Programs: Stories from the Field, Clinical Decision Support. *Centers for Disease Control and Prevention (CDC).* Pg 45.

PRESENTATIONS

Invited Presentations

1. **Sedani, A. E**. (2026, August). Faculty Presentation. Cancer Research Day 2026: Connecting Research and Practice Through the Academic Health Department Partnership, Dallas County Health and Human Services and UTHealth Houston School of Public Health, Dallas, TX.

2. **Sedani, A. E.** (2026, August). From Questions to Evidence: How Epidemiologists Study Cancer Disparities, Dallas Youth Scholars Program, UTHealth Houston School of Public Health. Virtual.

3. **Sedani, A. E.** (2026, April). Epi Career Seminar, Department of Epidemiology, UTHealth Houston School of Public Health, Houston, TX. Hybrid.

4. **Sedani, A. E.** (2019, 2023, 2025, 2026). Invited alumni and career development presentations for the Cancer Epidemiology Education in Special Populations (CEESP; NIH/NCI R25CA112383) Post-Summer Career Development Workshop, School of Medicine, City University of New York. New York, NY.

5. **Sedani, A. E.** (2023, June). Concurrent Co-use of Cannabis-Tobacco, and Subsequent Tobacco Cessation Outcomes. TSET Health Promotion Research Center (HPRC), Stephenson Cancer Center, University of Oklahoma Health Campus. Oklahoma City, OK.

6. **Sedani, A. E.,** & Chou A (2021, November). Multi-level Factors Related to Lung Cancer Screening in the US: A Systematic Review. Tribally Engaged Approaches to Lung Screening (TEALS), Fourth meeting, Scientific Advisory Board, University of Oklahoma Health Campus. Hybrid.

7. **Sedani, A**. **E.** (2020, September). Selection Bias and the Obesity Paradox. Epidemiologic Research (Journal Club) Student Association Monthly Meeting, Hudson College of Public Health, University of Oklahoma Health Campus. Virtual.

8. Martinez, S., & **Sedani, A. E.** (2019, September). Fundamentals of Implementation Sciences. Epidemiologic Research (Journal Club) Student Association Monthly Meeting, Hudson College of Public Health, University of Oklahoma Health Campus. Oklahoma City, OK.

9. **Sedani, A**. **E.** (2017, 2018). Chronic Disease Epidemiology. University of Nebraska Medical Center Chinese Visiting Scholars, Nebraska Department of Health and Human Services. Lincoln, NE.

10. **Sedani, A. E.** (2015, October). The Impact of Initiating Screening Programs on Referral and Management of Cervical Cancer in Tanzania. CEESP program dinner, University of Nebraska Medical Center. Omaha, NE.

Scientific Presentations

The asterisk (*) indicates mentored student/trainee; dagger (†) indicates presenting author if not first-author.

1. *Jackson, J., **Sedani, A. E.,** Alaniz, A., Salmeron, C., Poole, A., Hines, D., Canales, D., Beg, S., Kooner, P., Chenier, R., Fenton, S., Savas, L. S., Valerio- Shewmaker, M., Balasubramanian, B., Fernandez, M. E. (2026, December). From Clinics to Communities: Implementing a Community-Engaged Colorectal Cancer Screening Outreach Model in Houston, Texas. Poster presented at the Science of Dissemination and Implementation n (D&I) in Health Annual Meeting, National Harbor, MD.

2. Beg, S., Valerio- Shewmaker, M., Alaniz, A., Salmeron, C., Poole, A., Hines, D., Canales, D., Kooner, P., Jackson, J., Chenier, R., Fenton, S., Savas, L. S., **Sedani, A. E.,** Balasubramanian, B., Fernandez, M. E. (2026, October). Rapid Needs and Assets Assessment to Support Implementation of Colorectal Cancer Screening Interventions in FQHCs. Poster presented at CPRIT Innovations VII: The Cancer Prevention and Research Conference, Galveston, TX.

3. *Jackson, J., **Sedani, A. E.,** Alaniz, A., Salmeron, C., Poole, A., Hines, D., Canales, D., Beg, S., Kooner, P., Chenier, R., Fenton, S., Savas, L. S., Valerio- Shewmaker, M., Balasubramanian, B., Fernandez, M. E. (2026, October). From Clinics to Communities: Implementing a Community-Engaged Colorectal Cancer Screening Outreach Model in Houston, Texas. Poster presented at CPRIT Innovations VII: The Cancer Prevention and Research Conference, Galveston, TX.

4. **Sedani, A. E.,** Murphy, C. C., David, S. V., Balasubramanian, B. A., Kuo, Y., & Lopez, D. S. (2026, June). Colorectal Cancer Screening Initiation at Age 45 Among Texas Medicaid Enrollees, 2018–2021. Poster presented at the Society for Epidemiologic Research Annual Meeting, Phoenix, AZ.

5. Kulkarni, G.Y., Untalan, M., Lawrence, W.R., **Sedani, A.E.,** Chakraborty, S., Teteh-Brooks, D.K., & †Ewing, A.P. (2026, April). Prevalence of Screen-detectable Cancers Among Adults Diagnosed Before Age 50: Insights from HINTS-SEER. Poster presented at the American Association for Cancer Research (AACR) Annual Meeting, San Diego, CA.

6. Mattingly, D. T., Borger, T. N., **Sedani, A. E.,** & Diaby, M. (2026, April). Disparities in Substance Use Among U.S. Adults Recently Diagnosed with Cancer, 2021-2023. Poster presented at the Society of Behavioral Medicine Annual Meeting, Chicago, IL.

7. Benavidez, G. A., Demb, J., & **Sedani, A. E**. (2026, April). Patterns and Trends in Medicaid Enrollment Timing and Tumor Stage at Diagnosis Among Colorectal Cancer Patients: SEER–Medicaid, 2016–2019. Oral presentation at American Society of Preventive Oncology Annual Meeting, Denver, CO.
   Best of ASPO presentation

8. **Sedani, A. E.,** Balasubramanian, B. A., Wheeler, S. B., & Ganguly, A. P. (2025, September). Social Risk Factor Burden Among Cancer Survivors Across Adulthood: Insights from a Descriptive Analysis of National Survey Data. Poster presented at the AACR Conference on the Science of Cancer Health Disparities Annual Meeting, Baltimore, MD.

9. Benavidez, G., **Sedani, A. E.,** Semprini, J. (2025, March) Racial/Ethnic & Geographic Trends in Uptake of Non-Invasive CRC Screening From 2018-2022. Oral presentation at the American Society of Preventive Oncology Annual Meeting, Philadelphia, PA.
   Best of ASPO presentation

10. **Sedani, A. E.,** Rifelj, K. K., Carothers, S., Kim, J., & †Rogers, C. R. (2025, March). Raising the Alarm on Early-Onset Colorectal Cancer: Lessons from the #CRCandMe Mass-Media Campaign. Oral presentation at the Society of Behavioral Medicine Annual Meeting & Scientific Sessions, San Francisco, CA.
    Live Research Spotlight presentation

11. Owusu-Sekyere, E., Benavidez, G. A., & **Sedani, A. E**. (2024, October). Examining The Intersection of Race and Rurality in Up-To-Date Cancer Screenings for Breast, Colorectal, And Cervical Cancers: Trends from 2018 to 2022. Poster presented at the American Public Health Association Annual Meeting and Expo, Minneapolis, MN.

12. **Sedani, A. E**., Baxter, S., Benavidez, G., Grande, S., Aspiras, O., & †Rogers, C. R. (2024, October). Exploring The Impact of Masculinity on Men's Engagement in Colorectal Cancer Screening: Insights from Two State Fairs in The Midwest. Oral presentation at the American Public Health Association Annual Meeting and Expo, Minneapolis, MN.

13. Wright, S., **Sedani, A. E.,** Obidike, J., Ewing, A.P., *Rifelj, K. K., Kim, J., Carothers, S., Mullins, R., Pesmen, C., Ly-Gallagher, P., & Rogers, C. R. (2024, October). #CRCandMe: Findings from a Pre-Post Quasi-Experimental Study on Boosting Early-Onset Colorectal Cancer Awareness in Utah and Wisconsin Through a Mass Media Campaign. Oral presentation at the American Public Health Association Annual Meeting and Expo, Minneapolis, MN.

14. Benavidez, G., **Sedani, A. E.,** Asare, M., Felder, T., & Rogers, C. R. (2024, May). Rural-Urban Trends in Up-to-Date Screening for Colorectal, Breast, and Cervical Cancer in the United States from 2018-2022. Oral presentation at the National Rural Health Association's Annual Rural Health Conference, New Orleans, LA.

15. **Sedani, A. E.,** Islam, J. Y., Griffith, D., *Rifelj, K. K., *McCall, C., Rodriquez-Garcia, O., Camacho-Rivera, M., & Rogers, R. C. (2024, April). Exploring the Impact of Masculine Beliefs on Colorectal Cancer Screening Participation Among Hispanic/Latino men in Florida, New York and Texas. Poster presented at the American Association of Cancer Research Annual Meeting, San Diego, CA.

16. **Sedani, A. E.,** *Rifelj, K. K., Bevel, M., *McCall, C., *Rogalla, M., Laliberte, L., Ellis, K., Pratt, R., & Rogers, C. R. (2024, April). Exploring the Impact of a Giant Inflatable Colon on The Level of Awareness, Knowledge, And Intent for Colorectal Cancer Screening Among Men Attending Two State Fairs in The Midwest. Poster presented at American Association of Cancer Research Annual Meeting, San Diego, CA.

17. **Sedani, A. E.,** *McCall, C., Korous, K. M., *Rifelj, K., & Rogers, C. R. (2024, March). Investigating the relationship between Self-Rated Health, Colorectal Cancer Screening, and Socioeconomic Status Among Men in the United States. Poster presented at the American Society of Preventive Oncology Annual Meeting, Chicago, IL.

18. **Sedani, A. E.,** Frank-Pearce, S.G., Chen, S.**,** Peck, J. D., Campbell, J. E., Chou, A. F., & Beebe, L. A**.** (2023, June). The Impact of Selection Bias on the Relationship between Quitline Services and Tobacco Cessation. Poster presented at the Society for Epidemiologic Research Annual Meeting, Portland, OR.
    Student Poster Award, Session #2

19. **Sedani, A. E.,** Beebe, L. A., Frank-Pearce, S.G., Peck, J. D., Chou, A. F., Campbell, J. E., & Cohn, A. M. (2023, March). Influence of Cannabis Use on Subsequent Cigarette Smoking Cessation Among Established Cigarette Users in The Population Assessment of Tobacco and Health (PATH) Study Waves 4-5. Poster presented at the Society for Research on Nicotine & Tobacco Annual Meeting, San Antonio, TX.

20. **Sedani, A. E., ***Davis, O. C., Clifton, S. C., & †Chou, A. F. (2022, November). Facilitators and Barriers to Implementing Lung Cancer Screening in the Community Setting: A Theory Guided Systematic Review. Poster presented at the American Public Health Association Annual Meeting*,* Boston, MA.

21. **Sedani, A**. **E.**, Campbell, J., & Beebe, L. (2022, March). Medical Cannabis Consumption and Cancer Survivorship Status: Findings from the Behavioral Risk Factor Surveillance System, 2019. Oral presentation at the Annual Graduate Research Education and Technology Symposium, University of Oklahoma Health Center, Oklahoma City, OK.

22. **Sedani, A. E.,** Campbell, J., & Beebe, L. (2022, March). Differences in Cannabis Use among Cancer Survivors in the U.S, 2019. Poster presented at the American Society of Preventive Oncology Annual Meeting, Tucson, AZ.
    Second Place Overall Poster Award

23. **Sedani, A.E., ***Davis, O.C., Clifton, S.C., & Chou, A.F. (2022, March). Facilitators and Barriers to Lung Cancer Screening Implementation in the U.S: A Systematic Review. Poster presented at the Stephenson Cancer Center Annual Cancer Research Symposium*,* Oklahoma City, OK.
    First Place Poster Award, Cancer Prevention and Control Poster Session

24. *Morin, S. R., **Sedani, A. E**, & Campbell, J. E. (2022, March). Epidemiology of Lung Cancer in Oklahoma, 1999-2018. Poster presented at the Stephenson Cancer Center Annual Cancer Research Symposium, Oklahoma City, OK.

25. **Sedani, A**. **E.**, Ford, L., & Beebe, L. (2020, June). Factors Associated with Low-Dose CT Lung Cancer Screening Adherence in a High Burden State. Poster presented at the American Association of Cancer Research Annual Meeting, San Diego, CA *(Switched to virtual due to CoVID-19)*.

26. **Sedani, A**. **E.**, Ford, L., & Beebe, L. (~~2020, March;~~ ***Cancelled due to CoVID-19***). Comparison of Lung Cancer Screening Participation in Oklahoma According to Gender Oral presentation at the Annual Graduate Research Education and Technology Symposium, University of Oklahoma Health Center, Oklahoma City, OK.

27. **Sedani, A. E.,** Bicego, E., Coates, K., Khalid, A., McCoy, N., Nguyen, N., Stokum, C., Troeger, V., & Verbyla, A. (2018, June). NACDD Epidemiology Mentoring: Voices from Emerging State Health Department and Local Health Department Epi and Eval Leaders Oral presentation at the Council of State and Territorial Epidemiologists Conference Annual Meeting, West Palm Beach, FL.

28. **Sedani, A. E.**, & Welsh, E. (2018, June). A Comparison of Methods for Estimating Population Reach of Healthy Food Retail Venues in Nebraska, 2017. Poster presented at the Council of State and Territorial Epidemiologists Annual Meeting, West Palm Beach, FL.
    Top 5 Poster Award, Chronic Disease/Maternal Child Health/Oral Health Category

29. Gebhart, E, & **Sedani, A. E.** (2017, June). Starting with the End in Mind: How to Utilize Data for Successful Programming. Oral presentation at the Nebraska Chronic Disease Inaugural Summit, Omaha, NE.

30. Dinkel, D., Dipti, D., Guo, Y., Hulse, E., Rida, Z., **Sedani, A**. **E.**, Warehime, S., & Coyle, B. (2018, April). Comparison of Physical Activity and Outdoor Play Environments of Family Childcare Homes and Centers in Nebraska. Poster presented at the Society of Behavioral Medicine Annual Meeting, New Orleans, LA.

31. Dinkel, D., Dipti, D. Guo, Y., Hulse, E., Rida, Z., **Sedani, A. E.,** & Coyle, B. (2017, June). Improving the Physical Activity and Outdoor Play Environment Through the Nebraska Go Nutrition and Physical Activity Self-Assessment for Childcare (Go NAP SACC). Poster presented at the International Society of Behavioral Nutrition and Physical Activity Annual Meeting, Victoria, BC, Canada.

TEACHING

Instructor

Fall 2026	PHWM 2996: **Capstone for Epidemiology Students** MPH Program, 3 credits Enrollment: 17 students Delivery: Asynchronous Teaching Contribution: 75%
Spring 2026	PH 2615L**: Field Epidemiology** Required MPH Course, 3 credits Enrollment: 15 students Delivery: Asynchronous Teaching Contribution: 100%

Invited Guest Lectures

Summer 2026	"Early-Onset Colorectal Cancer Screening: Epidemiologic Evidence, and Emerging Challenges" (synchronous online). Invited lecture in **Cancer Epidemiology** (PH 2745), Department of Epidemiology, UTHealth Houston School of Public Health, Houston, Texas. Epi Elective, 3-credit course. Enrollment: 10 graduate students.
Spring 2026	"Applying Modern Descriptive Epidemiology: Social Risks in Cancer Survivorship" (synchronous online). Invited lecture in **Advanced Epidemiology & Causal Inference**, Peter O'Donnell Jr. School of Public Health, UT Southwestern Medical Center, Dallas, Texas. Elective, 3-credit course. Enrollment: 15 medical and graduate students.
Fall 2025	"Cancer Survivorship: A Chronic Disease Epidemiology Perspective" (synchronous online). Invited lecture in **Chronic Disease Epidemiology**, Peter O'Donnell Jr. School of Public Health, UT Southwestern Medical Center, Dallas, Texas. Elective, 3-credit course. Enrollment: 7 medical and graduate students.
Spring 2025	"Biases" (synchronous online). Invited lecture in **Introduction to Epidemiology** (PHCH 3113), Population and Community Health Program, Dodge Family College of Arts and Sciences and the Hudson College of Public Health, University of Oklahoma, Norman, Oklahoma. Required BPH, 3-credit course. Enrollment: 42 undergraduate students.
Spring 2023	"Programmatic Grants" (in-person). Invited lecture in **Proposal Writing and Grants Management** (HPCH 665), School of Public Health, Texas A&M University, College Station, Texas. Elective, 3-credit course. Enrollment: 4 graduate students.
Fall 2023	"Social and Behavioral Epidemiology" (in-person). Invited lecture in **Introduction to Epidemiology** (PHCH 3113), Population and Community Health Program, Dodge Family College of Arts and Sciences and the Hudson College of Public Health, University of Oklahoma, Norman, Oklahoma. Required BPH, 3-credit course. Enrollment: 33 undergraduate students.
Fall 2022	"Network Analysis" (in-person). Invited lecture in **GIS in Health** (BSE 5283), Hudson College of Public Health, University of Oklahoma Health Campus, Oklahoma City, Oklahoma. Elective, 3-credit course. Enrollment: 10 graduate students.
Spring 2022	"Selection Bias" and "Exercise: Selection Bias" (in-person). Invited lecture in **Advanced Epidemiological Methods** (BSE 6194), Hudson College of Public Health, University of Oklahoma Health Campus, Oklahoma City, Oklahoma. Required PhD in epidemiology, 4-credit course. Enrollment: 9 graduate students.

Fall 2021	"Workplace Health Promotion and Health Behaviors from an Epidemiological Perspective: Causal Inference" (synchronous online and in-person). Invited lecture in **Psychosocial Factors Impacting Occupational Health and Safety** (EHS 796-005), School of Public Health, University of Michigan, Ann Arbor, Michigan. Elective, 2-credit course. Enrollment: 10 graduate students.
Fall 2021	"Network Analysis" (in-person). Invited lecture in **GIS in Health** (BSE 5283), Hudson College of Public Health, University of Oklahoma Health Campus, Oklahoma City, Oklahoma. Elective, 3-credit course. Enrollment: 10 graduate students.
Spring 2021	"Measures of Association/Ethics", and "Confounding and Interaction" (synchronous online). Invited lecture in **Problems in Biostatistics and Epidemiology** (BSE 5001), Hudson College of Public Health, University of Oklahoma Health Campus, Oklahoma City, Oklahoma. Required, 1-credit course. Enrollment: 13 graduate students.
Spring 2021	"Measures of Association", and "Confounding and Interaction" (synchronous online and in-person). Invited lecture in **Principles of Epidemiologic Methods** (BSE 5113), Hudson College of Public Health, University of Oklahoma Health Campus, Oklahoma City, Oklahoma. Required, 3-credit course. Enrollment: 18 graduate students.
Winter 2020	"Workplace Health Promotion and Health Behaviors from an Epidemiological Perspective: Causal Inference" (synchronous online). Invited lecture in **Psychosocial Factors Impacting Occupational Health and Safety** (EHS 796-005), School of Public Health, University of Michigan, Ann Arbor, Michigan. Elective, 2-credit course. Enrollment: 10 graduate students.
Fall 2020	"Measures of Association", and "Confounding and Interaction" (synchronous online and in-person). Invited lecture in **Principles of Epidemiologic Methods** (BSE 5113), Hudson College of Public Health, University of Oklahoma Health Campus, Oklahoma City, Oklahoma. Required, 3-credit course. Enrollment: 39 graduate students.
Fall 2020	"Downloading Data and Data Management" and "Network Analysis" (synchronous online and in-person). Invited lecture in **GIS in Health** (BSE 5283), Hudson College of Public Health, University of Oklahoma Health Campus, Oklahoma City, Oklahoma. Elective, 3-credit course. Enrollment: 20 graduate students.

Graduate Teaching Assistant

Spring 2022	**Advanced Epidemiological Methods** (BSE 6194), Hudson College of Public Health, University of Oklahoma Health Campus, Oklahoma City, Oklahoma. Required, 4-credit course. Enrollment: 9 students. Duties: Curriculum refinement, assisted students with in-class exercises, and created/revised quiz questions for weekly reading quizzes.
Summer 2021	**Cancer Epidemiology and Prevention** (BSE 6363), Hudson College of Public Health, University of Oklahoma Health Campus, Oklahoma City, Oklahoma. Elective, 3-credit course. Enrollment: 15 students. Duties: Graded final projects.
Fall 2021	**GIS in Health** (BSE 5283), Hudson College of Public Health, University of Oklahoma Health Campus, Oklahoma City, Oklahoma. Elective, 3-credit course. Enrollment: 10 students. Duties: Curriculum development and refinement, and assisted students with in-class exercises.
Fall 2020	**GIS in Health** (BSE 5283), Hudson College of Public Health, University of Oklahoma Health Campus, Oklahoma City, Oklahoma. Elective, 3-credit course. Enrollment: 20 students. Duties: Curriculum development and refinement, held weekly office hours, assisted students with in-class exercises, created in-class exercises, and graded homework.
Spring 2020	**Intermediate Epidemiologic Methods** (BSE 5193), Hudson College of Public Health, University of Oklahoma Health Campus, Oklahoma City, Oklahoma. Required, 3-credit course. Enrollment: 30 students. Duties: Led and assisted students with in-class exercises, and did data entry of in-class exercise submissions.

ADVISING AND MENTORING

Doctoral Advising and Dissertation Committees

- Taylor Droog (2026-Present)
- Michael Truong (2026-Present)
- Rebecca J. Molsberry (2025-Present)
  Methodological Challenges in Researching Behavioral Health Among Adults Experiencing Homelessness and Recent Justice Involvement

Master's Student Academic Advising

Academic Year	Total Number of MPH Advisees
2026-2027	10
2025-2026	6
Spring 2025	1

Integrative Learning Experience (ILE) Advisor

- Taylor Droog, MPH Epidemiology (Summer 2026)

Research Mentorship

Graduate Students

- Sohini Sarkar, MPH Epidemiology, Columbia University, NCI R25 Summer Research Trainee (2026)
- Shayla Morin, MPH Epidemiology, University of Oklahoma Health Campus (2022)

Medical Students

- Cordero McCall, Medical College of Wisconsin (2023)
- Olivia C. Davis, Family Medicine Summer Research Experience (FMSRE), University of Oklahoma Health Campus (2021)

Undergraduate Students

- Mckenzi Rogalla, SPARCC (Student-centered Pathway to Advance Research in Cancer Careers), Medical College of Wisconsin (2023)
- Christina Neary, University of Nebraska-Lincoln (2018)
- Cassidy Talladay, University of Nebraska-Lincoln (2018)

SERVICE TO THE PROFESSION

Professional Leadership and Committee Service

2025 – Present	**Leadership Council**, Cancer Disparities Special Interest Group (SIG), American Society of Preventive Oncology
2023 – Present	**Communications Committee Member**, Society for Epidemiologic Research
2023 – 2025	**Media Co-Chair,** Student & Post-Doc Committee, Society for Epidemiologic Research (SPC-SER)
2022 – 2023	**Scientific Dissemination Committee Member**, Society for Epidemiologic Research
2020 – 2023	**Elected Member-At-Large**, Executive Committee, Gamma Omicron Chapter, Delta Omega Honorary Society in Public Health

Ad-Hoc Manuscript Reviewer

American Journal of Preventive Medicine
Annals of Behavioral Medicine
BMJ Open
Cancer
Cancer Causes & Control
Cancer Epidemiology, Biomarkers & Prevention
Cancer Medicine
JAMA Network Open
Journal of Cancer Education
Journal of Racial and Ethnic Health Disparities
Journal of Thoracic Disease
Nicotine & Tobacco Research
PLOS ONE
Preventing Chronic Disease
Translational Cancer Research

Scientific Meeting Service

Session Chair

2022	Co-Chair, Oral Abstract Session: Cancer, Society for Epidemiologic Research

Poster Judge

2025	American Society of Preventive Oncology: Cancer Disparities SIG & Cancer Survivorship SIG
2022, 2024-2026	Society for Epidemiologic Research

Abstract Reviewer

2022, 2023	Society for Research on Nicotine & Tobacco
2020, 2023, 2025	American Society of Preventive Oncology
2019 – 2026	Society for Epidemiologic Research

Statewide Professional Service

2026 – Present Member, Cancer Alliance of Texas (CAT)
Screening and Early Detection Priority Area Workgroup (PAW), Colorectal Cancer Screening Subgroup Meeting

INSTITUTIONAL SERVICE

UTHealth Houston

Proposal Review Activities

Reviewer, UTHealth Houston nominations for the 2027 CPRIT Catalyst Pilot Research Award (CPRA), 09/2026

Prior Institutional and Public Health Service

Hudson College of Public Health, University of Oklahoma Health Campus

2020 – 2021 **Student Representative**, Search Committee for Assistant Professor of Research (evaluation), Department of Epidemiology and Biostatistics

2019 – 2021 Epidemiologic Research (i.e., Journal Club) Student Association, Department of Epidemiology and Biostatistics
President (2020-2021)
Treasurer (2019-2020)

Public Health Practice Service: Nebraska Department of Health and Human Services

2018 **Chair**, Chronic Disease Epidemiology Workgroup

2017 – 2018 **Member,** Nebraska Quality Payment Program Coalition

2017 – 2018 **Member**, Nebraska Diabetes Self-Management Education (DSME) Coalition

2017 – 2018 **Co-chair**, Nebraska Go NAP SACC: Data Quality and Reporting Committee

2016 – 2018 **Member**, Nebraska Behavioral Risk Factor Surveillance Survey (BRFSS) Workgroup

2016 – 2018 **Member,** Nebraska SHARP workgroup (coordinated administration of the: Youth Risk Behavior Survey, Youth Tobacco Survey, and Nebraska Risk and Protective Factor Student Survey)

HONORS AND AWARDS

Honors and Distinctions

2018 Delta Omega Honorary Society in Public Health, Gamma Omicron Chapter

Competitive Training and Travel Awards

2024 American Society of Preventive Oncology (ASPO) New Investigator Workshop Trainee

2022 CausaLab Summer Courses on Causal Inference Competitive Tuition Waiver ($3,000), Harvard T.H. Chan School of Public Health

2021 Biostatistics & Epidemiology Graduate Student Travel Award ($1,000), University of Oklahoma Health Campus

2020 Trainee Travel Award ($750), OU Health Stephenson Cancer Center

Poster Awards

2023 Student Poster Award, Society for Epidemiologic Research (SER)

2022 Second Place Poster Award, ASPO

2022 First Place Poster Award ($200), Cancer Prevention and Control Poster Session, Annual Cancer Research Symposium, OU Health Stephenson Cancer Center

2018 Top 5 Poster Award, Chronic Disease/Maternal Child Health/Oral Health Category, Council of State and Territorial Epidemiologists (CSTE)

PROFESSIONAL MEMBERSHIP

2021 – Present American Society of Preventive Oncology (ASPO)
2019 – Present American Association for Cancer Research (AACR)
Active Membership (2025- Present)
Associate/Student Membership (2019-2025)
2019 – Present Society for Epidemiologic Research (SER)

Former Memberships

2023 – 2025 American Public Health Association (APHA)
2016 – 2018 National Association of Chronic Disease Directors (NACDD)
2016 – 2018 Council of State and Territorial Epidemiologist (CSTE)

PROFESSIONAL DEVELOPMENT

Epidemiologic Methods

Summer Session in Epidemiology, School of Public Health, University of Michigan. Virtual.

Applied Epidemiologic Analysis for Causal Inference. July 11-15, 2022. Instructor: Catherine Lesko, PhD, MPH

Applied Mediation Analysis. July 25-29, 2022. Instructor: Linda Valeri, PhD, MSc

Applied Sensitivity Analyses in Epidemiology. July 25-29, 2022. Instructor: Onyebuchi A. Arah, MD, DSc, PhD

Causal Inference: Learn from the Experts. CausaLab, Department of Epidemiology, T.H. Chan School of Public Health, Harvard. Boston, MA.

Target Trial Emulation. June 27 – July 1, 2022. Instructors: Miguel Hernán, MD DrPH, Sonja A. Swanson, ScD, and Barbra A. Dickerman, PhD

Key Topics in Causal Inference. June 21- 24, 2022. Instructors: Miguel Hernán, MD DrPH, Judith Lok, PhD, Tyler VanderWeele, PhD, Eric Tchetgen Tchetgen, PhD, and James Robins, MD

Propensity Score Analysis in Epidemiologic Research, Oklahoma Shared Clinical & Translational Resources (OSCTR), Biostatistics, Epidemiology, and Research Design (BERD) KCA Training Unit, University of Oklahoma Health Campus, Oklahoma City, OK. May 18 & 25, 2022. Instructor: Tabitha Garwe, PhD

GIS & Spatial Analysis Methods

Interactive GIS Training, Division for Heart Disease and Stroke Prevention (DHDSP), Centers for Disease Control and Prevention (CDC), and Children's Environmental Health Initiative, RICE University. Virtual. Instructor: Joshua Tootoo

Polishing Your Maps with Cartographic Best Practices. December 2017.

Understanding Geographic Access through Proximity Based Analyses. November 2017.

Mapping the National Provider and Plan Enumeration System (NPPES). October 2017.

CDC Capacity for Chronic Disease Surveillance GIS modules. Module I: Organizing Principles. Module II: Data Management. Module III: Analysis. DHDSP, CDC, and Children's Environmental Health Initiative, RICE University. Virtual. September 2017.

Grant Writing

Lost in Translation: Founders Cohort, Soul to Soul Leadership, LLC. Virtual. August 3–31, 2026. Instructor: Lisa Carter-Bawa.

Grants 102, UTHealth Houston. Hybrid. Spring 2026.

Write Winning NIH Grant Proposals, Grant writers' seminars and workshops, and the TSET Health Promotion Research Center (HPRC), co-sponsored by the OU Health Stephenson Cancer Center. Virtual. November 15-16, 2021.

Other

Health Equity Leadership Program (H.E.L.P.), Rogers Solutions Group. Virtual-Synchronous. Spring 2024.

Preparing Future Faculty (PFF) Program, the Graduate College, University of Oklahoma Health Campus. Virtual. Fall 2020 and Spring 2021.

Cancer Mentoring Group Member, Mentoring Team Pilot Program, Society of Epidemiologic Research (SER). Virtual. January– July 2020.

Healthcare Data Analytics Course: Health Information Technology, Oregon Health & Science University. Virtual. June 4 – July 31, 2018.

Walk Audit Training, Division of Nutrition and Physical Activity, CDC. Omaha, NE. October 20, 2017. Instructor: Mark Fenton

Facilitation Method Certification, Technology of Participation (TOP). The Institute of Cultural Affairs, Lincoln, NE. No expiration date. 2016.

White Belt Certification. Lean Six Sigma. Nebraska Department of Health and Human Services, Lincoln, NE. No expiration date. 2016.