

Ami E. Sedani, PhD, MPH

Assistant Professor, Department of Epidemiology,
UTHealth Houston School of Public Health in Dallas
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EDUCATION AND TRAINING

Education

- 2018 – 2023 **Ph.D. in 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 **M.P.H. in 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 **B.S. in Biological Sciences**
Arizona State University, Tempe, AZ
Concentration: Biology & Society

Training

- 2023 – 2024 **Postdoctoral Research Scholar**, Colorectal Cancer Inequities
Institute for Health & Humanity (formerly Institute for Health and Equity),
Medical College of Wisconsin; Colorectal Cancer Equity Foundation,
Milwaukee, WI (Remote)
- 2017 – 2018 **Applied Chronic Disease Epidemiology Fellow**, Data Analytics
National Mentorship Program in Applied Chronic Disease Epidemiology,
National Association of Chronic Disease Directors (NACDD) in
partnership with the CDC (Remote)
- 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

PROFESSIONAL EXPERIENCE

Academic

- 01/2025 – Present **Assistant Professor (Tenure Track)**
Department of Epidemiology, UTHealth Houston School of Public Health in Dallas, Dallas, TX
- 06/2023 – 12/2024 **Postdoctoral Research Scholar**
Men's Health Inequities Research Lab, Division of Epidemiology and Social Sciences, Institute for Health & Humanity, Medical College of Wisconsin (through March 2024) and Colorectal Cancer Equity Foundation (April–December 2024), Milwaukee, WI (Remote)
- 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
- 08/2018 – 08/2021 **Graduate Research Assistant**
Biostatistics and Epidemiology Research Design and Analysis Center, Department of Biostatistics and Epidemiology, Hudson College of Public Health, University of Oklahoma Health Campus, Oklahoma City, OK
- 05/2011 – 08/2013 **Research Assistant**
Designing Health Lab, College of Health Solutions, Arizona State University, Phoenix, AZ

Public Health Practice

- 09/2016 – 08/2018 **Chronic Disease Epidemiologist**
Epidemiology and Informatics Unit, and Health Promotion Unit (joint appointment), Division of Public Health, Nebraska Department of Health and Human Services, Lincoln, NE
- Led epidemiologic and surveillance activities for CDC-funded chronic disease prevention and control programs, enhancing data systems, guiding evidence-based strategies, and fostering cross-sector collaboration to improve population health.
- 01/2016 – 09/2016 **Chronic Disease Prevention Intern**
Douglas County Health Department, Omaha, NE
- Supported chronic disease prevention and data quality initiatives by organizing electronic health records at a local primary care clinic, and distributed health assessments at SNAP grocery stores and health fairs.

- 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 classes, workshops, and in-school and after-school programs.

HONORS AND AWARDS

Honors

Hudson Fellow in Public Health, Hudson College of Public Health, University of Oklahoma Health Campus, 2021 – 2023

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

Travel & Tuition Awards

American Society of Preventative Oncology New Investigator Workshop Trainee, 2024

CausaLab Summer Courses on Causal Inference Student Tuition Waiver (\$3,000), Key Topics in Causal Inference and Target Trial Emulation, Harvard T.H. Chan School of Public Health, 2022

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

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

Poster Awards

Student Poster Award for Session #3, Society for Epidemiologic Research, 2023

Second Place Poster Award, American Society of Preventative Oncology, 2022

First Place Poster Award (\$200) in the Cancer Prevention and Control Poster Session, Annual Cancer Research Symposium hosted by Stephenson Cancer Center at OU Health, 2022

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

GRANTS AND CONTRACTS

Active

“Texas Spatial-Temporal Data Science, Informatics and Modeling Core ([TEX-SIM](#))”, *Cancer Prevention and Research Institute of Texas* (CPRIT), RP250630, \$2,977,115, 06/01/2025-05/31/2030, Role: Co-Investigator (5%), PI: Bauer

“Assessing Colorectal Cancer Screening and Follow-up in Texas Medicaid Enrollees”, Subaward from *University of Texas Medical Branch (UTMB)* Data Management and Analysis Core ([DMAC](#)), Comparative Effectiveness Research on Cancer in Texas/CPRIT, P017062, \$19,001, 08/31/2025-08/30/2026, Role: Principal Investigator (10%)

Completed

The dagger (†) indicates a grant for which I co-wrote but was not a PI due to government rank.

“Developing a Barbershop-Based Trial on Masculinity Barriers to Care and Colorectal Cancer Screening Uptake among African American Men using a Mixed Methods Approach”, *NIH/NCI*, K01CA234319, \$878,365, 09/2018-08/2024, Role: Postdoc/Biostatistician (2023-2024), PI: Rogers

“Barriers to Accessing Specialty Care among American Indian Children with Cancer”, *American Cancer Society*, \$50,000, 09/2020-10/2023, Role: Graduate Research Assistant (2020-2021), PI: Janitz

“Improving the Health of Americans Through Prevention and Management of Diabetes and Heart Disease and Stroke (1815)”, *CDC*, NU58DP006548, \$1,552,328 (total cost per year), 09/2018–10/2022, Role: Epidemiologist† (2018), PI: Wenzel (NE DHHS)

“Diabetes and Heart Disease & Stroke Prevent Programs-Innovative State and Local Public Health Strategies to Prevent and Manage Diabetes and Heart Disease and Stroke. (1817)” *CDC*, NU58DP006617, \$1,600,000 (total cost per year), 09/2018–10/2022, Role: Epidemiologist† (2018), PI: Wenzel (NE DHHS)

“Improving Student Health and Academic Achievement through Nutrition, Physical Activity and the Management of Chronic Conditions in Schools. (1801)”, *CDC*, NU58DP2018005644, \$1,600,000 (total cost per year), 06/2018–07/2022, Role: Epidemiologist† (2018), PI: Rida (NE Department of Education)

“Empowering Older Adults and Adults with Disabilities through Chronic Disease Self-Management Education Programs Financed by the Prevention and Public Health Fund”, *Administration for Community Living*, NU58DP006617, \$145,562, 08/2018–07/2020, Role: Epidemiologist† (2018), PI: Wenzel (NE DHHS)

“State and Local Public Health Actions to Prevent Obesity, Diabetes, and Heart Disease and Stroke. (1422)” *CDC*, NU58DP005493, \$2,640,000 (total cost per year), 09/2014–10/2018, Role: Epidemiologist (2016-2018), PI: Wenzel (NE DHHS)

“State Public Health Actions to Prevent and Control Diabetes, Heart Disease, Obesity and Associated Risk Factors and Promote School Health. (1305)”, CDC, NU58DP004819, \$2,083,780 (total cost per year), 06/2013–06/2018, Role: Epidemiologist (2016-2018), PI: Wenzel (NE DHHS)

PUBLICATIONS

The asterisk (*) indicates mentored student/trainee.

Peer-Reviewed Publications

1. **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.
2. **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.
3. **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.
4. **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.
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. 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.
7. **Sedani, A. E.**, Islam, J. Y., Griffith, D., *Rifelj, K. K., *McCall, C., Rodriguez-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.

8. **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.
9. **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.
10. **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.
11. 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.
12. 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.
13. **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.
14. **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.
15. 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.
16. **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.
17. 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.

18. 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.
19. **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.
20. **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.
21. 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.
22. 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.
23. 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

24. 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

1. Benavidez, G., **Sedani, A.E.**, & Semprini, J. (Under review). Current Patterns in Colorectal Cancer Screening Modality Uptake in the United States: 2018-2022. Submitted to *Preventing Chronic Disease*, September 8, 2025.
2. **Sedani, A.E.**, Balasubramanian, B.A., Wheeler, S.B., & Ganguly, A.P. (Under review). Social risk burden among U.S. cancer survivors across adulthood: Evidence from the 2022–2023 BRFSS. Submitted to *Cancer Epidemiology, Biomarkers, & Prevention*, September 26, 2025.

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

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

Invited Talks and Presentations

1. **Sedani, A. E.** (2025, August). CEESP to UTHealth Houston: My Career Journey. R25 Cancer Epidemiology Education in Special Populations (CEESP) Post-Summer Career Development Workshop, School of Medicine, City University of New York. New York, NY.
2. **Sedani, A. E.** (2023, August). How CEESP Changed My Career Trajectory: 8 Years Later. R25 CEESP Post-Summer Career Development Workshop, School of Medicine, City University of New York. New York, NY.
3. **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.
4. **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. Virtual.
5. **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.
6. 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.
7. **Sedani, A. E.** (2019, August). Four Years Post CEESP Fellowship. R25 CEESP Post-Summer Session, School of Medicine, City University of New York. New York, NY.
8. **Sedani, A. E.** (2018, July). Chronic Disease Epidemiology. University of Nebraska Medical Center, Chinese Visiting Scholars. Omaha, NE.
9. **Sedani, A. E.** (2017, July). Chronic Disease Epidemiology. University of Nebraska Medical Center, Chinese Visiting Scholars. Omaha, NE.
10. **Sedani, A. E.** (2015, October). The Impact of Initiating Screening Programs on Referral and Management of Cervical Cancer in Tanzania. R25 CEESP program dinner, University of Nebraska Medical Center. Omaha, NE.

Oral Presentations and Posters

1. **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 Presentation]. *18th AACR Conference on The Science of Cancer Health Disparities*, Baltimore, MD.
2. 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]. Best of ASPO presentation, 2025 *American Society of Preventive Oncology* annual meeting, Philadelphia, PA.
3. **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]. Live Research Spotlight presentation, *Society of Behavioral Medicine* Annual Meeting & Scientific Sessions, San Francisco, CA.
4. 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 Presentation]. *American Public Health Association 2024 Annual Meeting and Expo*, Minneapolis, MN.
5. **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]. *American Public Health Association 2024 Annual Meeting and Expo*, Minneapolis, MN.
6. **Sedani, A. E.**, Obidike, J., Ewing, A.P., *Rifelj, K. K., Kim, J., †Wright, S., 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]. *American Public Health Association 2024 Annual Meeting and Expo*, Minneapolis, MN.
7. 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]. *2024 National Rural Health Association's Annual Rural Health Conference*, New Orleans, LA.
8. **Sedani, A. E.**, Islam, J. Y., Griffith, D., *Rifelj, K. K., *McCall, C., Rodriguez-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 Presentation]. *2024 American Association of Cancer Research Annual Meeting*, San Diego, CA.

9. **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 Presentation]. *2024 American Association of Cancer Research Annual Meeting*, San Diego, CA.
10. **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 Presentation]. *2024 American Society of Preventive Oncology Annual Meeting*, Chicago, IL.
11. **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 Presentation]. *2023 Society for Epidemiologic Research Annual Meeting*, Portland, OR.
12. **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 Presentation]. *2023 Society for Research on Nicotine & Tobacco Annual Meeting*, San Antonio, TX.
13. **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 Presentation]. *2022 American Public Health Association Annual Meeting*, Boston, MA.
14. **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 [Flash Talk & Oral Presentation]. *2022 Annual Graduate Research Education and Technology Symposium*, Oklahoma City, OK.
15. **Sedani, A. E.,** Campbell, J., & Beebe, L. (2022, March). Differences in Cannabis Use among Cancer Survivors in the U.S, 2019 [Poster Presentation]. *American Society of Preventive Oncology Annual Meeting*, Tucson, AZ.
16. **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 Presentation]. *Annual Cancer Research Symposium for the Stephenson Cancer Center*, Oklahoma City, OK.
17. *Morin, S. R., **Sedani, A. E.** & Campbell, J. E. (2022, March). Epidemiology of Lung Cancer in Oklahoma, 1999-2018 [Poster Presentation]. *Annual Cancer Research Symposium for the Stephenson Cancer Center*, Oklahoma City, OK.
18. **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 Presentation]. *2020 American Association of Cancer Research Annual Meeting*, San Diego, CA (Switched to virtual due to CoVID-19).

19. **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 [Flash Talk & Oral Presentation]. *2020 Annual Graduate Research Education and Technology Symposium*, Oklahoma City, OK.
20. **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]. *2018 Council of State and Territorial Epidemiologists Conference Annual Meeting*, West Palm Beach, FL.
21. **Sedani, A. E.**, & Welsh, E. (2018, June). A Comparison of Methods for Estimating Population Reach of Healthy Food Retail Venues in Nebraska, 2017 [Poster Presentation]. *2018 Council of State and Territorial Epidemiologists Conference Annual Meeting*, West Palm Beach, FL.
22. Gebhart, E, & **Sedani, A. E.** (2017, June). Starting with the End in Mind: How to Utilize Data for Successful Programming [Oral Presentation]. *Nebraska Chronic Disease Inaugural Summit 2017*, Omaha, NE.
23. 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 Presentation]. The *2018 Society of Behavioral Medicine Annual Meeting*, New Orleans, LA.
24. 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 Presentation]. *2017 International Society of Behavioral Nutrition and Physical Activity Annual Meeting*, Victoria, BC, Canada.

TEACHING

INVITED GUEST LECTURES

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| 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

Supervised Research Mentorship

Date	Name	Mentee Level/Program	Role/Involvement	Mentorship Outcomes
Summer & Fall 2023	Cordero McCall	Medical Student, Medical College of Wisconsin	Mentor	2 co-authored manuscripts, 1 in progress
Summer & Fall 2023	Kelly Krupa Rifelj	Staff, Medical College of Wisconsin	Mentor	3 co-authored manuscripts, 2 in progress
Summer 2023	Mckenzi Rogalla	Undergraduate Student, SPARCC (Student-centered Pathway to Advance Research in Cancer Careers), the Cancer Center and Department of Obstetrics & Gynecology, Medical College of Wisconsin	Mentor- Providing research mentorship and oversight as part of a summer-long practicum experience	1 conference presentation; 1 co-authored manuscript
Spring 2022	Shayla Morin	Master's Student, Department of Biostatistics & Epidemiology, University of Oklahoma Health Campus	Mentor and Research Supervisor	1 conference presentation; 1 technical report
Summer & Fall 2021	Olivia C. Davis	Medical Student, Family Medicine Summer Research Experience (FMSRE) Program, College of Medicine, University of Oklahoma Health Campus	Mentor - Providing research mentorship and oversight as part of a summer-long practicum experience	1 co-authored manuscript
Summer 2018	Christina Neary	Undergraduate Student, Advertising and Public Relations, University of Nebraska, Lincoln	Mentor and co-supervisor	1 infographic
Summer & Fall 2018	Cassidy Talladay	Undergraduate Student, Public Relations, Advertising and Applied Communications, University of Nebraska, Lincoln	Mentor and co-supervisor	2 technical reports

Academic Advising

Academic Year	Total Doctoral Advisees	Total Masters Advisees	Total Graduates
2025-2026	1 PhD	6 MPH	-
2024-2025	-	1 MPH	-

Dissertation Committees

2025 - Rebecca J. Molsberry, Epidemiology PhD
2025 - Mary-Louise “Meryl” Millett, Health Promotion & Behavioral Sciences PhD

SERVICE TO THE PROFESSION

Ad-Hoc Manuscript Reviewer

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

Conference Abstract Review & Judging

2025 **Poster Judge**, American Society of Preventative Oncology: Cancer Disparities Special Interest Group (SIG) & Cancer Survivorship SIG

2022, 2024, 2025 **Poster Judge**, Society for Epidemiologic Research

2022, 2023 **Abstract Reviewer**, Society for Research on Nicotine & Tobacco

2020, 2023 **Abstract Reviewer**, American Society of Preventative Oncology

2019 – 2025 **Abstract Reviewer**, Society for Epidemiologic Research

Panel Moderation & Session Chair

2024	Session Co-Chair , Student & Postdoc Committee (SPC) Oral Abstract Session, Society for Epidemiologic Research Mid-Year Meeting
2022	Session Co-Chair , Oral Abstract: Cancer, Society for Epidemiologic Research

Committees

2025 – Present	Leadership Council , Cancer Disparities SIG, American Society of Preventative Oncology
2023 – Present	Communications Committee Member , Society for Epidemiologic Research
2023 – 2025	Media Co-Chair , Student & Post-Doc Committee Society for Epidemiologic Research
2022 – 2024	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

INSTITUTIONAL SERVICE

UTHealth Houston School of Public Health

2025	Poster Judge , Research Beyond Boundaries (RBB) Conference, Dallas
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Hudson College of Public Health, University of Oklahoma Health Campus

2020 – 2021	Student Representative , Search Committee for Assistant Professor of Research (program 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)

Nebraska Department of Health and Human Services

2018 – 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)

PROFESSIONAL MEMBERSHIP

2023 – Present	American Public Health Association (APHA)
2021 – Present	American Society of Preventative 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)
2016 – 2018	National Association of Chronic Disease Directors (NACDD)
2016 – 2018	Council of State and Territorial Epidemiologist (CSTE)

MEDIA CONTRIBUTIONS

American Association for Cancer Research. (2025, September 18). Young adult cancer survivors may face elevated social risks. [Press release]. <https://www.aacr.org/about-the-aacr/newsroom/news-releases/young-adult-cancer-survivors-may-face-elevated-social-risks/>

- **MSN.** (2025, September 19). “Young adult cancer survivors may face elevated social risks”. <https://www.msn.com/en-us/health/other/young-adult-cancer-survivors-may-face-elevated-social-risks/ar-AA1MUC8I>
- **American Society of Clinical Oncology (ASCO).** (2025, September 23). AYA Cancer Survivors Face Increased Social Risks. <https://ascopost.com/news/september-2025/aya-cancer-survivors-face-increased-social-risks/>

Zinberg, Yaakov. (2025, September 18). *Colorectal Cancer Screening on the Rise in Younger Adults.* *Cancer Discovery News.* American Association for Cancer Research. <https://doi.org/10.1158/2159-8290.CD-NW2025-0077>

UTHealth Houston School of Public Health. (2025, August 14). *Researchers Spur New Efforts to Ensure Equitable Access to Colorectal Cancer Screenings*. [Press release]. <https://sph.uth.edu/news/story/researchers-spur-new-efforts-to-ensure-equitable-access-to-colorectal-cancer-screenings>

Cancer Epidemiology Education in Special Populations (CEESP). (Summer 2025). *Mentor Profile: Ami E. Sedani, PhD, MPH. VOICES Newsletter.*

Cancer Epidemiology Education in Special Populations (CEESP). (Spring 2019). *Alumni Profile. VOICES Newsletter.* <https://ceesp.ccny.cuny.edu/wp-content/uploads/2021/10/CEESP-newsletter-No-2.pdf>

PROFESSIONAL DEVELOPMENT

Epidemiological Methods

Applied Epidemiologic Analysis for Causal Inference. Summer Session in Epidemiology, School of Public Health, University of Michigan. Synchronous. July 11-15, 2022. Instructor: Catherine Lesko, PhD, MPH

Applied Mediation Analysis. Summer Session in Epidemiology, School of Public Health, University of Michigan. Synchronous. July 25-29, 2022. Instructor: Linda Valeri, PhD, MSc

Applied Sensitivity Analyses in Epidemiology. Summer Session in Epidemiology, School of Public Health, University of Michigan. Synchronous. July 25-29, 2022. Instructor: Onyebuchi A. Arah, MD, DSc, PhD

Target Trial Emulation. Causal Inference: Learn from the Experts. CausaLab, Department of Epidemiology, T.H. Chan School of Public Health, Harvard. Boston, MA. June 27 – July 1, 2022. Instructors: Miguel Hernán, MD DrPH, Sonja A. Swanson, ScD, and Barbra A. Dickerman, PhD

Key Topics in Causal Inference. Causal Inference: Learn from the Experts. CausaLab, Department of Epidemiology, T.H. Chan School of Public Health, Harvard. Boston, MA. 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 Sciences Center, Oklahoma City, OK. May 18 & 25, 2022. Instructor: Tabitha Garwe, PhD

GIS & Spatial Analysis Methods

Polishing Your Maps with Cartographic Best Practices: 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. Synchronous. December 12 –19, 2017. Instructor: Joshua Tootoo

Understanding Geographic Access through Proximity Based Analyses: Interactive GIS Training, DHDSP, CDC, and Children's Environmental Health Initiative, RICE University. Synchronous. November 7 –14, 2017. Instructor: Joshua Tootoo

Mapping the National Provider and Plan Enumeration System (NPPEs): Interactive GIS Training, DHDSP, CDC, and Children's Environmental Health Initiative, RICE University. Synchronous. October 10 –17, 2017. Instructor: Joshua Tootoo

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. Self-Guided Online. September 2017.

Other

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

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

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 - Synchronous. November 15-16, 2021.

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

Healthcare Data Analytics Course: Health Information Technology, Oregon Health & Science University. Asynchronous. 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. No expiration date. 2016.

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