

Ami E. Sedani, PhD, MPH

Assistant Professor
Department of Epidemiology, School of Public Health
The University of Texas Health Science Center at Houston (UTHealth Houston)
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A. BACKGROUND

EDUCATION

- 2018 – 2023 **Doctor of Philosophy (PhD), Epidemiology**
Department of Biostatistics and Epidemiology
University of Oklahoma Health Sciences Center, Oklahoma City, OK
Dissertation: “Understanding Emerging Issues in Tobacco Use and Lung Cancer Prevention Strategies”
- 2014 – 2016 **Master of Public Health (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 **Bachelor of Science (BS), Biological Sciences**
Concentration: Biology & Society
Arizona State University, Tempe, AZ

TRAINING

- 2023 – 2024 **Post-Doctoral Research Scholar – Colorectal Cancer Inequities**
Men’s Health Inequities Research Lab (Charles R. Rogers, PhD),
Medical College of Wisconsin; Colorectal Cancer Equity Foundation,
Milwaukee, WI [Remote]
- 2015 – 2016 **R25 Predoctoral Fellow (NCI R25CA112383)**
Cancer Epidemiology in Special Populations (CEESP), University of
Nebraska Medical Center, Omaha, NE
- 2017 – 2018 **Applied Chronic Disease Epidemiology Fellow**
National Association of Chronic Disease Directors (NACDD) in
partnership with the Centers for Disease Control and Prevention (CDC),
[Remote]
- National mentorship program to increase overall chronic disease epidemiology capacity at state health departments.

RELEVANT PROFESSIONAL EXPERIENCE

- 01/2025 – Present **Assistant Professor (Tenure Track)**
Department of Epidemiology, School of Public Health, University of Texas Health Science Center at Houston (UTHealth Houston) in Dallas, Dallas, TX
- June 2020 **[Cancelled due to CoVID-19] Predoctoral Intern**
Behavioral Research Program, Division of Cancer Control & Population Sciences, National Cancer Institute (NCI) at National Institute of Health (NIH), Rockville, MD
- 08/2018 – 06/2023 **Graduate Research Assistant**
Department of Biostatistics and Epidemiology, Hudson College of Public Health, University of Oklahoma Health Sciences Center, Oklahoma City, OK
- 05/2011 – 08/2013 **Research Assistant**
Designing Health Lab (Eric B. Hekler, PhD), School of Nutrition and Health Promotion, College of Health Solutions, Arizona State University, Phoenix, AZ

Public Health Practice Experience

- 09/2016 – 08/2018 **Chronic Disease Epidemiologist**
Division of Public Health, Nebraska Department of Health and Human Services, Lincoln, NE
- 01/2016 – 09/2016 **Chronic Disease Prevention Intern**
Douglas County Health Department, Omaha, NE
- 12/2014 – 08/2016 **AmeriCorps Service Scholar – Nutrition Education**
Nebraska Extension, Douglas-Sarpy County and Dodge County, NE

AWARDS & HONORS

- 2024 **Trainee – New Investigator Workshop**, American Society of Preventative Oncology
- 2023 **Student Poster Award – Session #3**, Society for Epidemiologic Research
- 2022 **Tuition Waiver Recipient**, CausaLab, Department of Epidemiology, Harvard T.H. Chan School of Public Health, Harvard University, Boston, MA
- 2022 **Second Place Poster Award**, American Society of Preventative Oncology

2022	First Place Poster Award – Graduate Student Cancer Prevention and Control Poster Session, Annual Cancer Research Symposium hosted by Stephenson Cancer Center at OU Health
2021 – 2023	Hudson Fellow in Public Health , Hudson College of Public Health, University of Oklahoma Health Sciences Center, Oklahoma City, OK
2021	Biostatistics & Epidemiology Graduate Student Travel Award , Hudson College of Public Health, University of Oklahoma Health Sciences Center
2020 – 2021	Preparing Future Faculty (PFF) Program, the Graduate College, University of Oklahoma Health Sciences Center
2020	Trainee Travel Award , Stephenson Cancer Center at OU Health
2018	Inductee , Delta Omega Honorary Society in Public Health - Gamma Omicron Chapter
2018	Top 5 Poster Award – Chronic Disease/Maternal Child Health/Oral Health Category, Council of State and Territorial Epidemiologists

B. RESEARCH

Research Interests:

- Cancer Prevention and Control
- Substance Use: Tobacco, Cannabis
- Health Inequities; Social Drivers/Determinants of Health
- Epidemiologic Methods: Selection Bias, Missing Data

B1. PEER-REVIEWED MANUSCRIPTS

The asterisk (*) indicates mentored student/trainee.

Published

1. **Sedani, A. E.**, *McCall, C., Korous, K. M., *Rifelj, K. K., & Rogers, C. R. (In Press). Examining the Relationship Between Self-Rated Health and Colorectal Cancer Screening Intention and Behaviors Among Men in the United States. *International Journal of Men's Social and Community Health*.
2. **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*. doi:10.1001/jamanetworkopen.2024.49556
3. 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*. doi: 10.1093/jncics/pkae113

4. **Sedani, A. E.**, Frank-Pearce, S.G., Beebe, L. A., Campbell, J. E., Peck, J. D., Chou, A. F., & Cohn, A. M. (2024). 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*. doi:10.1093/ntr/ntae202
5. **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*. doi:10.1002/cam4.70159
6. **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*. doi:10.62347/PGYM7724
7. **Sedani, A. E.**, Frank-Pearce, S.G., Chen, S., Peck, J. D., Campbell, J. E., Chou, A. F., & Beebe, L. A. (2024). Impact of Quitline Services on Tobacco Cessation: An Application of Modern Epidemiological Methods. *American Journal of Epidemiology*. doi:10.1093/aje/kwae292
8. **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
9. **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
10. 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
11. 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
12. **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
13. **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

14. 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
15. **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.jcpc.2021.100284
16. 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
17. 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
18. **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
19. **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
20. 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
21. 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
22. 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

Under Review

1. **Sedani, A. E.**, Baxter, S., Benavidez, G., Grande, S., Aspiras, O., & Rogers, C. R. (Revise & Resubmit). Exploring the Impact of Masculinity Norms on Men's Engagement in Colorectal Cancer Screening: Insights from 2 Midwestern State Fairs. *Annals of Behavioral Medicine*.

B2. NON-REFERRED PUBLICATIONS

Technical Reports & Data Briefs

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*. August 2022.
https://www.ouhealth.com/documents/LungCancerOklahoma_DataBrief.pdf
2. **Sedani, A.**, *Talladay, C., & Gebhart, L. (2018). Diabetes in Nebraska. *Nebraska Department of Health and Human Services, Division of Public Health*. May 2018.
<http://dhhs.ne.gov/Reports/Diabetes%20in%20Nebraska%20-%202018.pdf>
3. *Talladay, C., & **Sedani, A.** (2018). Stroke in Nebraska. *Nebraska Department of Health and Human Services, Division of Public Health*. May 2018.
<http://dhhs.ne.gov/Reports/Stroke%20Fact%20Sheet%20-%202018.pdf>
4. **Sedani, A.** & Gebhart, L. (2018). 1305 Highlights. *Nebraska Department of Health and Human Services, Division of Public Health*. May 2018.
[http://dhhs.ne.gov/Reports/Chronic%20Disease%20Prevention%20\(1305\)%20Fact%20Sheet%20-%202018.pdf](http://dhhs.ne.gov/Reports/Chronic%20Disease%20Prevention%20(1305)%20Fact%20Sheet%20-%202018.pdf)
5. **Sedani, A.** & Gebhart, L. (2018). Cardiovascular Disease in Nebraska. *Nebraska Department of Health and Human Services, Division of Public Health*. Apr. 2018.
<http://dhhs.ne.gov/Reports/Cardiovascular%20Disease%20in%20Nebraska%20Fact%20Sheet%20-%202018.pdf>
6. **Sedani, A.** (2017). *Nebraska Department of Health and Human Services, Division of Public Health*. Statewide Provide Survey Report Results. Dec. 2017.
<http://dhhs.ne.gov/Reports/Chronic%20Disease%20Prevention%20Provider%20Survey%20Results%20-%202017.pdf>
7. **Sedani, A.**, Coyle, B., Horne, K., & Stover, D. (2017). *Nebraska Department of Health and Human Services, Division of Public Health*. 2016 Nebraska Worksite Wellness Survey Report. Mar 2017.
<http://dhhs.ne.gov/Reports/Worksite%20Wellness%20Survey%202016.pdf>
8. **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.
<https://www.cdc.gov/dhdsp/pubs/docs/Best-Practices-Guide-508.pdf>

Maps

1. **Sedani, A.** (2018). Heart Disease Death Rate by County, 2012-2016. *Nebraska Department of Health and Human Services, Division of Public Health.* May 2018. <http://dhhs.ne.gov/Reports/Heart%20Disease%20Death%20Rate%20by%20County%20-%202012-2016.pdf>
2. **Sedani, A.** (2018). Risk Factors for Cardiovascular Disease by Local Health Department Service Area. *Nebraska Department of Health and Human Services, Division of Public Health.* May 2018. <http://dhhs.ne.gov/Reports/Cardiovascular%20Disease%20Risk%20Factors%20by%20Local%20Health%20Department%20-%202015-2016.pdf>
3. **Sedani, A.** (2017). Drive Time to Diabetes Self-Management Education (DSME) Sites in Nebraska, 2017. *Nebraska Department of Health and Human Services, Division of Public Health.* Dec. 2017. <http://dhhs.ne.gov/Reports/Drive%20Time%20To%20Diabetes%20Self%20Management%20Education%20Sites%20-%202017.pdf>

B3. PRESENTATIONS

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

Invited Talks and Presentations

1. **Sedani, A. E.** (2023, August). How CEESP Changed My Career Trajectory: 8 Years Later. R25 Cancer Epidemiology Education in Special Populations (CEESP) Post-Summer Career Development Workshop, City University of New York (CUNY). New York, NY.
2. **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 Sciences Center. Oklahoma City, OK.
3. **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 Sciences Center. Virtual.
4. **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 Sciences Center. Virtual.
5. 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 Sciences Center. Oklahoma City, OK.

6. **Sedani, A. E.** (2019, August). Four Years Post CEESP Fellowship. R25 CEESP Post-Summer Session, City University of New York (CUNY). New York, NY.
7. **Sedani, A. E.** (2018, July). Chronic Disease Epidemiology. University of Nebraska Medical Center, Chinese Visiting Scholars. Omaha, NE.
8. **Sedani, A. E.** (2017, July). Chronic Disease Epidemiology. University of Nebraska Medical Center, Chinese Visiting Scholars. Omaha, NE.
9. **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.

Academic Conferences - Peer-Reviewed

1. Benavidez G.A., **Sedani, A.**, Semprini, J., (March 2025) 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.
2. **Sedani, A. E.**, Rifelj, K. K., & Rogers, C. R.[†] (2025, March). Lessons Learned from #CRCandMe: A Community-Led Mass-Media Intervention on Early-Onset Colorectal Cancer Awareness [Oral Presentation]. Live Research Spotlight presentation, *Society of Behavioral Medicine* Annual Meeting & Scientific Sessions, San Francisco, CA.
3. 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.
4. **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.
5. **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.
6. 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.

7. **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 Presentation]. *2024 American Association of Cancer Research Annual Meeting*, San Diego, CA.
8. **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.
9. **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.
10. **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.
11. **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.
12. **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.
13. **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.
14. **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.
15. **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.
16. *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.

17. **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**).
18. **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.
19. **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.
20. **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.
21. 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.
22. 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.
23. 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.

B4. GRANT AND CONTRACT AWARDS

Completed Research Support

1. NIH/NCI K01CA234319
 Title: "Developing a Barbershop-Based Trial on Masculinity Barriers to Care and Colorectal Cancer Screening Uptake among African American Men using a Mixed Methods Approach"
 PI: Rogers, Medical College of Wisconsin
 Award total: \$878,365
 Period of Grant Award: 09/2018-08/2024
 Role: **Post-Doctoral Research Scholar/Biostatistician**, 2023-2024

2. ACS
 Title: "Barriers to Accessing Specialty Care among American Indian Children with Cancer"
 PI: Janitz, University of Oklahoma Health Sciences Center
 Award total: \$50,000
 Period of Grant Award: 09/2020-10/2023
 Role: **Graduate Research Assistant**, 2020-2021

3. Southern Plains Tribal Health Board, Tribal Epidemiology Center/CDC
 Title: "Tribal Public Health Capacity Building and Quality Improvement: Southern Plains Tribal Health Board Tribal Epidemiology Center (1803)"
 PI: University of Oklahoma Health Sciences Center (subaward)
 Award total: \$70,000
 Period of Grant Award: 08/2018–08/2023
 Role: **Biostatistics and Epidemiology Graduate Research Assistant**, 2018-2021

4. NIH/NCI P30CA225520- 02S2
 Title: "Community Outreach and Engagement: Choctaw Nation-Stephenson Cancer Center Partnership"
 PI: Mannel, University of Oklahoma Health Sciences Center
 Period of Grant Award: 07/2018-06/2019
 Role: **Biostatistics and Epidemiology Graduate Research Assistant**, 2018-2019

C. TEACHING/MENTORING

INVITED GUEST LECTURES

- | | |
|-------------|---|
| 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 Sciences Center, 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 Sciences Center, 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 Sciences Center, 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 Sciences Center, 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 Sciences Center, 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 Sciences Center, 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 Sciences Center, 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 Sciences Center, 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 Sciences Center, 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 Sciences Center, 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 Sciences Center, 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 Sciences Center, 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.

MENTORING & SUPERVISION

Date	Name	Level/Program	Role/Involvement	Outcomes
Summer & Fall 2023	Cordero McCall	Medical Student, MCW	Mentor	2 co-authored manuscript, 1 in progress
Summer & Fall 2023	Kelly Krupa Rifelj	Staff, MCW	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, MCW	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, OUHSC	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, OUHSC	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, UNL	Mentor and co-supervisor	1 infographic
Summer & Fall 2018	Cassidy Talladay	Undergraduate Student, Public Relations, Advertising and Applied Communications, UNL	Mentor and co-supervisor	2 technical reports

D. SERVICE

D1. PROFESSIONAL SERVICE

Ad-Hoc Manuscript Reviewer

Annals of Behavioral Medicine; Cancer Causes & Control; Journal of Racial and Ethnic Health Disparities; CDC Preventing Chronic Disease Journal; Journal of Cancer Education; PLOS ONE; BMJ Open; Translational Cancer Research; Journal of Thoracic Disease

Conference Abstract Review & Judging

2022, 2024 **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*

D3. PUBLIC HEALTH PRACTICE SERVICE

- 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

E. ADDITIONAL PROFESSIONAL DEVELOPMENT

E1. 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

E2. 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.

E3. OTHER

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.