

## Curriculum Vitae

**DANA MOWLS CARROLL**  
**1232 Mayo Building**  
**Minneapolis, MN 55455-0341**  
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**dcarroll@umn.edu**

### Education

PhD, University of Oklahoma Health Sciences Center. 2017  
Epidemiology  
Advisor: Dr. Laura A. Beebe

MPH, Kent State University. Epidemiology 2013

BS, The Ohio State University. Molecular Genetics 2011

### Licensures and Certifications

#### *Certifications*

\* Tobacco Treatment Specialist Training Program and Certification. 2020

### Fellowships, Residencies, and Visiting Engagements

#### *Fellowship*

Postdoctoral Fellow 2017 - 2019  
Masonic Cancer Center, University of Minnesota, Tobacco  
Research Programs

### Academic Appointments

University of Minnesota, Twin Cities campus  
School of Public Health, Division of Environmental Health  
Sciences: Assistant Professor 2019 - Present

University of Minnesota  
Masonic Cancer Center: Postdoctoral Associate 2017 - 2019

University of Oklahoma Health Sciences Center  
Biostatistics and Epidemiology Research Design and  
Analytic Center: Graduate Research Assistant 2013 - 2017

### Other Professional Positions

Summit County Public Health  
Biostatistics and Epidemiology Unit: Graduate Research  
Assistant 2012 - 2013

Kent State University  
College of Public Health: Graduate Research Assistant 2011 - 2012

Portage County Mental Health and Recovery Board  
Graduate Research Assistant 2011 - 2012

## Consulting

- \* Consultant, Nonprofit organization, American Indian Cancer Foundation 2022  
Provide expertise on the data analyses and the dissemination of Tribal Tobacco Use Project (TTUP)-II via writing community and scientific reports and manuscripts
- \* Consultant, Nonprofit organization, ClearWay Minnesota 2021 - 2022  
Provide expertise on dissemination of Tribal Tobacco Use Project (TTUP)-II via writing community and scientific reports and manuscripts

## Current Membership in Professional Organizations

- \* American Association for Cancer Research 2021 - 2022
- Delta Omega Honorary Society in Public Health, Xi Chapter 2017 – Present
- Society for Research on Nicotine and Tobacco 2013 - Present

## HONORS AND RECOGNITION

### University of Minnesota

- \* Outstanding Health Equity Impact Award 2023  
*The University of Minnesota School of Public Health strives to improve the health and wellbeing of populations at the local, national, and global levels. The SPH therefore seeks to honor faculty who make an exceptional impact on health equity and community wellbeing through their focus on policy, intervention, relationship building, or community engagement.*
- \* Post-Doctoral Research Slam, Best Flash Talk Presentation, University of Minnesota Postdoc Association 2019
- \* PharmacoNeuroImmunology (PNI) Training Program Poster Presentation Award 2018

### External

- \* Early Career Investigator Award, National Institute on Minority Health and Health Disparities (NIMHD), National Institutes of Health (NIH) 2023  
*The Early Career Investigator Award is given to an early career health disparities research scientist who is funded by NIMHD. The candidate is selected based on having made significant contributions to the field as evidenced by innovativeness and impact of research and peer-reviewed publications.*
- \* Rising Star Award, American Cancer Society ResearchHERS of Minnesota 2021
- Outstanding Dissertation Award, University of Oklahoma Health Sciences Center 2018
- Outstanding Student in Epidemiology, University of Oklahoma Health Sciences Center, College of Public Health 2017
- Outstanding Student in the College of Public health, University of Oklahoma Health Sciences Center, College of Public Health 2017  
*Given annually to one graduating student in who displays the highest order of performance and professionalism in the College of Public Health.*
- Outstanding Student Leadership Award, University of Oklahoma Health Sciences Center, College of Public Health 2017
- Burns-Schaiff Scholarship in Public Health, University of Oklahoma Health Sciences Center 2016  
*Awarded at the OUHSC College of Public Health annual banquet to one graduate*

*student undertaking research in tobacco dependence and cessation*

Graduate College Award for Outstanding Research, University of Oklahoma Health Sciences Center	2016
O. Ray Kling Award for Outstanding Graduate Student Student Leadership, University of Oklahoma Health Sciences Center	2016
College of Public Health, Hudson Fellowship in Public Health, University of Oklahoma Health Sciences Center	2015
Dan J. Macer Scholarship, University of Oklahoma Health Sciences Center <i>Awarded at the OUHSC College of Public Health annual banquet to graduate students who demonstrate potential for success in a public health area.</i>	2015
Graduate College Award for Scientific Achievement, University of Oklahoma Health Sciences Center	2015
Graduate College Dean's Travel Award for Outstanding Research, University of Oklahoma Health Sciences Center	2015
Elisa T. Lee Scholarship, University of Oklahoma Health Sciences Center <i>Awarded at the OUHSC College of Public Health annual banquet to one graduate student who demonstrates potential for success in a public health area.</i>	2014
Graduate Student Excellence Award, Kent State University, College of Public Health	2013
Graduate Student Symposium, Achievement in Research Award, Kent State University	2013

## RESEARCH, SCHOLARSHIP, AND CREATIVE WORK

### Grants, Contract, Awards: External Sources

#### *Currently Funded*

- \*1. **Contract: Development of SmokeFree TXT for American Indian persons**  
Co-Principal Investigators: Carroll, Dana M, and Pickner, Wyatt (American Indian Cancer Fdn)  
Sponsoring Organization: NIH/NATIONAL CANCER INSTITUTE (NCI)  
Contract Dates: October 1, 2022 - September 30, 2023  
Funded Amount (direct cost): \$104,362  
Effort: 0% (This contract was awarded directly to Dr. Carroll, not through the U of M.)  
Purpose: NCI requested Dr. Dana Carroll and her community partner at the American Indian Cancer Foundation to co-leading the development and audience testing of SmokeFree TXT for Natives, which is a text-based smoking cessation resource tailored to the culture and needs of American Indian people.
- \*2. **Award: Development and pilot testing of a culturally-tailored smartphone-delivered intervention for commercial smoking cessation in American Indians**  
Principal Investigator: Carroll, Dana M.  
Sponsoring Organization: NIH/NATIONAL CANCER INSTITUTE (NCI)  
Sponsoring Organization Reference ID: 1R21CA261078-01  
Award Type: R21  
Award Dates: September 1, 2021 - August 31, 2023  
Funded Amount (direct cost): \$368,024  
Effort: 13%  
Purpose: To tailor the NCI QuitGuide, an existing smartphone-delivery cessation resource, for American Indian persons who smoke and pilot test whether the tailored app is a feasible and acceptable smoking cessation resource for American Indian persons who smoke.

**\*3. Award: Laying the Foundation for Personalized Smoking Cessation Treatment in the American Indian Population**

Principal Investigator: Carroll, Dana M.

Sponsoring Organization: NIH/NATIONAL INSTITUTE ON MINORITY HEALTH

Sponsoring Organization Reference ID: 1K01MD014795-01A1

Award Type: K01

Award Dates: August 3, 2020 - February 28, 2025

Funded Amount (direct cost): \$683,896

Effort: 75%

Purpose: The research proposal for this K award involves a study of the genes involved in nicotine metabolism, biomarkers of exposure to tobacco toxicants and carcinogens, and perceptions of and barriers to using genetic data to inform cessation treatment among American Indian smokers.

**\*4. Award: Summer Research Program for Diversity Students in PharmacoNeuroImmunology**

Co-Principal Investigators: Molitor, Thomas (UMN Vet Medicine) and Dana Mowls Carroll

Sponsoring Organization: NIH/NATIONAL INSTITUTE ON DRUG ABUSE (NIDA)

Award Type: R25

Sponsoring Organization Reference ID: 2R25DA039074-06

Award Dates: July 1, 2021 - May 31, 2026

Funded Amount (direct cost): \$539,895

Effort: 1%

Purpose: The goal of the Summer Research Program for Diversity Students in PharmacoNeuroImmunology (PNI) is to increase the participation of underrepresented undergraduate students in the biomedical science research.

**\*5. Award: Impact of sugars on tobacco product toxicity and abuse liability**

Role: Co-Investigator

Co-Principal Investigators: Stepanov, Irina (UMN SPH) and Hatsukami, Dorothy (UMN Medical School)

Sponsoring Organization: NIH/NATIONAL INSTITUTE ON DRUG ABUSE (NIDA)

Sponsoring Organization Reference ID: 1R01DA051005-01

Award Type: R01

Award Dates: June 1, 2020 - May 31, 2024

Funded Amount (direct cost): \$1,300,646

Effort: 1%

Purpose: In this study, we will leverage our combined expertise in tobacco chemistry, epidemiology, and human trials assessing biomarkers and behavioral and subjective measures, to address these key knowledge gaps.

**6. Award: Consortium on Methods Evaluating Tobacco (COMET): Filter Ventilation and Product Standards**

Role: Co-Investigator

Co-Principal Investigators: Hatsukami, Dorothy (UMN Medical School) and Shields, Peter (Ohio State University)

Sponsoring Organization: NIH/NATIONAL CANCER INSTITUTE (NCI)

Award Type: P01

Award Dates: September 1, 2017 - August 31, 2023

Funded Amount (direct cost): \$2,171,329

Effort: 1%

Purpose: This P01 describes a set of systematic and comprehensive studies that examines the toxicity, appeal and abuse liability of unventilated filters as compared to ventilated filters in the

context of a marketplace with and without alternative nicotine delivery systems (ANDS).

**7. Award: Evaluating New Nicotine Standards for Cigarettes**

Role: Co-Investigator

Co-Principal Investigators: Hatsukami, Dorothy (UMN Medical School) and Donny, Eric (Wake Forest University)

Sponsoring Organization: NIH/NATIONAL INSTITUTE ON DRUG ABUSE (NIDA)

Award Type: U54

Award Dates: March 1, 2017 - September 28, 2023

Funded Amount (direct cost): \$3,095,424

Effort: 1%

Purpose: The goal of this center grant is to determine how marked reduction in the nicotine content cigarettes impacts the use and effects of tobacco in current smokers.

***Previously Funded and Concluded***

**\*1. Award: National Tribal Tobacco Conference: Reclaiming and Restoring Traditional Tobacco in Today's World**

Principal Investigators: Carroll, Dana M. and Soto, C (University Southern California)

Sponsoring Organization: NIH/NATIONAL INSTITUTE ON MINORITY HEALTH

Sponsoring Organization Reference ID: 1R13MD017122-01

Award Type: R13

Award Dates: December 9, 2021 - November 30, 2022

Funded Amount (direct cost): \$41,030

Purpose: The 2-day National Tribal Tobacco Conference will fight commercial tobacco with traditional tobacco and through dissemination of best practices in commercial tobacco prevention and control.

**2. Award: Training in Neuroimmune/Neurobehavior Addiction Research**

Role: Postdoctoral Fellow

Principal Investigator: Molitor, Thomas (UMN Vet Med)

Sponsoring Organization: NIH/NATIONAL INSTITUTE ON DRUG ABUSE (NIDA)

Award Type: T32

Award Dates: June 5, 2018 - June 4, 2019

Purpose: This is an interdisciplinary training program at the University of Minnesota that focuses on the interactions of drugs of abuse with the nervous and immune systems, and integrates our understanding of these physiological interactions with their behavioral counterparts, including the role of drugs of abuse as co-factors in HIV/AIDS.

**3. Award: Nicotine Metabolism in American Indian Tobacco and E-Cigarette Users**

Principal Investigator: Carroll, Dana M.

Sponsoring Organization: NIH/NATIONAL INSTITUTE ON DRUG ABUSE (NIDA)

Award Type: R36 (NIH dissertation award)

Award Dates: July 15, 2016 - June 2017

Funded Amount (direct cost): \$48,052

Purpose: The research will examine nicotine metabolism in a novel population of smokers, electronic cigarette and dual users. The results of this study will be informative for guiding FDA regulations on electronic cigarettes and for tailoring smoking cessation interventions for American Indian persons who smoke.

***Proposals Pending/Submitted***

**\*1. Proposal: Randomized Clinical Trial of a Culturally-Tailored Suite of Smoking Cessation Resources for American Indian Persons**

Co-Principal Investigator: Carroll, Dana M, and Pickner, Wyatt (American Indian Cancer Fdn)

Sponsoring Organization: NIH NATIONAL CANCER INSTITUTE (NCI)

Application Type: R01

Anticipated Dates: April 2024 – March 2029

Submitted: May 2023

Requested Amount (direct cost): \$3,079,814

Purpose: To culturally align the final Smokefree resource (Smokefree.gov) and then utilize mixed methods to evaluate the efficacy of Smokefree for Natives for quitting smoking among American Indian people who smoke.

**\*2. Proposal: Development and evaluation of a rural optimized smoking cessation intervention in the context of very low nicotine cigarettes**

Co-Project Leads: Carroll, Dana M, and McClernon, J (Duke University)

Sponsoring Organization: NIH NATIONAL CANCER INSTITUTE (NCI)

Application Type: Program Project of a P01 submission titled “Center for the Evaluation of Nicotine in Cigarettes 3.0”

Anticipated Dates: April 2024 – March 2029

Submitted: May 2023

Requested Amount (direct costs): UMN subaward: \$732,712. Total for the prime award: \$1,775,293

Purpose: To determine in the context of mimicking a nicotine reduction standard in all cigarettes whether a rural optimized smoking cessation intervention is critical for rural health equity.

**Grants, Contract, Awards: Internal Sources, University of Minnesota**

***Currently Funded***

**\*1. Award: Advancing Health Equity through Traditional Tobacco Knowledge**

Multi-Project Investigators: Carroll, Dana M, Stepanov, Irina S. (UMN SPH), Villaluz, CoCo (American Indian Cancer Foundation), Jennings, Dylan (Bad River Tribe)

Sponsoring Organization: Health Equity Work Group

Institution: University of Minnesota

Award Dates: June 1, 2022 - June 30, 2023

Funded Amount (direct cost): \$25,000

Purpose: This collaboration and the resulting data will contribute new knowledge that can be used by Indian country to help understand physio-chemical characteristics and potential exposures when processing traditional tobacco and help revive valuable traditional tobacco growing, harvesting, and processing practices.

**\*2. Award: Impact of low nicotine educational messaging on smokers’ perceptions and behavior**

Principal Investigator: Carroll, Dana M

Sponsoring Organization: Masonic Cancer Center, University of Minnesota

Award Dates: February 1, 2020 – September 1, 2023

Funded Amount (direct cost): \$37,000

Purpose: This study will generate critically lacking data how to educate the public about a possible low nicotine standard in cigarettes.

### ***Previously Funded and Concluded***

- \*1. **Award: Utilizing Traditional Tobacco to Reframe What Tobacco Is and Is Not to Promote Commercial Smoking Cessation in American Indians**  
Principal Investigators: Carroll, Dana M and Jennings D (Bad River Tribe)  
Sponsoring Organization: Program in Health Disparities Research and Masonic Cancer Center's Pilot Program, University of Minnesota  
Award Dates: December 31, 2020 – June 30, 2022  
Funded Amount (direct cost): \$25,000  
Purpose: To develop and pilot test a culturally-tailored smoking cessation intervention for tribal members that utilizes traditional tobacco to reframe how tobacco should be used in American Indian culture.

### **Proposals Submitted and Not Funded**

- \*1. **Proposal: Developing Capacity and a Research Agenda to Prevent and Treat Commercial Tobacco Use among American Indian persons**  
Multi-Principal Investigators: Carroll, Dana M (UMN, Co-Lead) and Wyatt Pickner (American Indian Cancer Foundation, Co-Lead)  
Sponsoring Organization: Patient-Centered Outcomes Research Institute (PCORI)  
Proposed Dates: April 1, 2023 – March 31, 2025  
Date Submitted: July 11, 2022  
Requested Amount: \$249,999  
Purpose: The overall goal of this effort is to engage Prairie Island Indian Community tribal members who use or have used commercial tobacco, healthcare stakeholders, and Prairie Island Indian Community youth to identify key outcomes related to commercial tobacco and considerations for human subject protections that can be implemented in future PCOR/CER that seeks to address commercial tobacco use.
- \*2. **Proposal: Development and pilot testing of a culturally-tailored smartphone-delivered intervention for commercial smoking cessation in American Indians**  
Principal Investigator: Carroll, Dana M.  
Sponsoring Organization: NIH National Cancer Institute (NCI)  
Proposed Dates: September 1, 2022 – August 31, 2023  
Date Submitted: August 1, 2022  
Requested Amount: \$159,000  
Purpose: The goal is to add Oklahoma State University as a study site to the existing R21 and launch a multi-site clinical trial testing the acceptability and feasibility of a culturally-tailored version of NCI's QuitGuide for American Indian persons who smoke.
- \*3. **Proposal: Adapting, implementing, and evaluating a smartphone app for smoking cessation with rural clinics**  
Principal Investigator: Carroll, Dana M  
Sponsoring Organization: NIH National Cancer Institute (NCI)  
Date Submitted: March 2020  
Purpose: To tailor the NCI QuitGuide, an existing smartphone-delivery cessation resource, for rural persons who smoke in Minnesota and pilot test in multiple rural-located primary care clinics whether the tailored app is a feasible and acceptable.
- \*4. **Proposal: Hair as biological matrix for assessing changes in exposure to air pollution and psychosocial stress among urban adults during the COVID-19 pandemic**  
Role: Co-Investigator  
Principal Investigator: Berman, Jesse (UMN SPH)

Sponsoring Organization: NIH National Institute of Environmental Health Sciences  
Date Submitted: June 2020

Purpose: To investigate the potential changes in the levels of cortisol (a biomarker of stress) and metals (biomarkers of air pollution) in human hair during the COVID-19 pandemic-related period and to assess the relationship between hair biomarker levels and measures of exposure to stressors and air pollution, including questionnaire survey data and ambient air quality measurements.

**\*5. Proposal: Tackling the Wicked Problem of Commercial Tobacco Use in Minnesota American Indians and Alaska Natives Through Culturally Tailored Mobile Applications**

Principal Investigator: Carroll, Dana M.

Sponsoring Organization: UMN Office of Academic Clinical Affairs

Date Proposal Submitted: January 2020

Requested Amount: \$20,000.00

Purpose: To generate pilot data to inform tailoring of a smartphone app for smoking cessation for American Indian persons who smoke.

**6. Proposal: Biomarkers and DNA Adducts to Examine Smoking-Related Lung Cancer Susceptibility in American Indians**

Principal Investigator: Carroll, Dana M

Sponsoring Organization: Lung Cancer Research Foundation

Date Re-Submitted: February 2019

Original Submission Date: June 2018

Purpose: Estimate exposure to tobacco-related carcinogens among American Indians who smoke.

**7. Proposal: Precision Medicine to Reduce Cancer in Minnesota American Indians; Sub-project: Assessing Nicotine Metabolism in American Indians to Inform Smoking Cessation Treatment**

Role: Co-Investigator

Principal Investigator: Chris Pennell (Medical School, UMN)/Pamala Jacobson (Pharmacy, UMN)

Source: NIH / National Cancer Institute (NCI)

Proposed Dates: September 2018 - August 2022

Date Submitted: January 2018

Purpose: Studying nicotine metabolism among AI and perceptions of precision medicine will be significant for understanding the mechanisms influencing this population's increased prevalence of smoking and lung cancer risk, and critical to informing more effective smoking cessation interventions.

## **PUBLICATIONS**

*Underline - indicates student author*

### ***Letter to the Editor***

- \*1. **Mowls Carroll, D.**, Hatsukami, D., Denlinger-Apte, R. (2023). *Prioritize Health Equity When Implementing a Nicotine Product Standard*. 1st ed., vol. 25, 173-174. *Nicotine & tobacco research* : official journal of the Society for Research on Nicotine and Tobacco. PubMed Central ID Number: PMC9717384 [doi: 10.1093/ntr/ntac173](https://doi.org/10.1093/ntr/ntac173)

Led letter writing

- \*2. **Carroll, D. M.**, Hatsukami, D. K. (2021). *Cigarette Filter Ventilation and Biomarkers-Reply*. 7th ed., vol. 30, 1450. *Cancer epidemiology, biomarkers & prevention* : a publication of the American Association for Cancer Research, cosponsored by the American Society of Preventive Oncology. PubMed Central ID Number: PMC8259806 [doi: 10.1158/1055-9965.EPI-21-0312](https://doi.org/10.1158/1055-9965.EPI-21-0312)

Wrote response



### ***Community-Engaged Educational/Dissemination Outputs, Non-Peer-Reviewed***

- \*1. Jennings, D., Villaluz, C., Alcheva, A., Gomez, F., Stepanov, I., and **Carroll, D.M.** (2023) Traditional Tobacco. [Infographic developed through Health Equity Work Group, University of Minnesota award titled 'Advancing Health Equity through Traditional Tobacco Knowledge']
- \*2. **Carroll, D. M.**, Jennings, D. (2022). *Origins, Mixtures, and Medicinal and Spiritual Aspects of Asemaa*. [Booklet to accompany quit smoking programs at Bad River Tribe]  
Facilitated the human subjects research/interviews that informed the guide and overall development of the guide in partnership with community.
- \*3. **Carroll, D. M.**, Pickner, W., Ntegeye, J. (2022). *American Indian perspectives on what promotes and hinders quitting smoking*. [Infographic based on findings from R21]  
Mentored and supervised the team on the scientific development of the infographic.
- \*4. **Carroll, D.**, Jennings, D., Hatsukami, D. (2022). *It's Your Life—It's Our Future Stop Smoking Guide 2022 updated version*. [Booklet to accompany quit smoking programs at Bad River Tribe and also disseminated to MN tribes]  
Led the tailoring and updating of the educational material with community feedback.

### ***Peer-Reviewed Journal Articles***

- \*1. Cummings, K.M., Roberson, A., **Carroll, D.M.**, Stepanov, I., Hatsukami, D.K., Rees, V.W., O'Connor, R.J. The Illusion of Filtration. In press with *Preventive Medicine*.  
Contributed to manuscript writing.
- \*2. Rubenstein D, Denlinger-Apte RL, Cornacchione Ross J, **Carroll DM**, McClernon FJ. Older age is associated with greater misperception of the relative health risk of e-cigarettes and cigarettes among US adults who smoke. *Tobacco Control*. 2023. In press.  
Contributed to manuscript writing
- \*3. Patrick, M. E., Parks M. J., **Carroll, D. M.**, and Colter, M. (2023) Feasibility of mailed biomarker data collection among U.S. young adults: Saliva-based cotinine and self-reported nicotine use. *Drug Alcohol Depend.* Mar 1;244:109791. doi: 10.1016/j.drugalcdep.2023.109791. Epub 2023 Feb 1. PMID: 36753804; PMCID: PMC9975042.  
Contributed to manuscript writing and review.
- \*4. **Carroll, D. M.**, Murphy, S., Meier, E., Rhodes, K., Dorr, C., Braaten, G., Jacobson, P. A., Frizzell, L., Tyndale, R. F., Hatsukami, D., Hernandez, C. (2023). Exploring Potential for a Personalized Medicine Approach to Smoking Cessation With an American Indian Tribe. *Nicotine & Tobacco research*, 25(1), 120-126. PubMed Central ID Number: PMC9717394 [doi: 10.1093/ntr/ntac141](https://doi.org/10.1093/ntr/ntac141)  
Developed study concept and design, acquired funding, analyzed data, wrote manuscript, and facilitated input and reviews from community partners. - *Selected as Editor's Choice*
- \*5. **Carroll, D. M.**, Tessier, K. M., Luo, X., Stepanov, I. S., Shields, P. G., O, Connor, Richard J, Reisinger, S., Rees, V. W., Cummings, K. M., Bickel W. K., Hatsukami, D. K. (2022). Switching to cigarette brand variants with different filter ventilation levels: A descriptive analysis. *Tobacco Control* Epub ahead of print. doi:10.1136/tobaccocontrol-2022-057571  
Developed study concept and design, analyzed data, wrote manuscript
- \*6. Breland, A. B., **Carroll, D.**, Denlinger-Apte, R., Ross, J. C., Soto, C., White, C., Donny, E. C., Fagan, P., Gardiner, P., Eissenberg, T., Guy, M. C. (2022). Centering racial justice for Black/African American and Indigenous American people in commercial tobacco product regulation. *Preventive medicine*, 165(Pt B), 107117. PubMed Central ID Number: PMC9722549

[doi: 10.1016/j.ypmed.2022.107117](https://doi.org/10.1016/j.ypmed.2022.107117)

Contributed to writing of the commentary.

- \*7. **Roland, K. M., Anderson, M. D., Carroll, D. M.,** Webber, A. G., Rhodes, K. L., Poupart, J., Forster, J. L., Peterson-Hickey, M., Pickner, W. J. (2022). Tribal Tobacco Use Project II: Planning, Implementation, and Dissemination Using Culturally Relevant Data Collection among American Indian Communities. *International journal of environmental research and public health*, 19(13). PubMed Central ID Number: PMC9265766 [doi: 10.3390/ijerph19137708](https://doi.org/10.3390/ijerph19137708)  
Contributed to manuscript conceptualization and writing and mentoring the American Indian Cancer Foundation on submission and revisions
- \*8. **Deng, C., Vock, D.M., Carroll, D. M.,** Boatman, J.A., Hatsukami, D.K., Leng, N., Koopmeiners, J. K. (2022). Practical Guidance on Modeling Choices for the Virtual Twins Method. *Journal of Biopharmaceutical Statistics* [Accepted and in press]  
Contributed to manuscript writing and review.
- \*9. **Differding, M., Katz, S. J., Strayer, L., White, C., Strasser, A., Donny, E., Hatsukami, D., Carroll, D. (Corresponding Author)** Educating the public on the health risks of very low nicotine content cigarettes: Results from a U.S.-based convenience sample. *Nicotine Tob Res.* 2022 Apr 28;24(6):871-880. <https://doi.org/10.1093/ntr/ntac010>  
Developed study concept and design, acquired funding, analyzed data, wrote manuscript and mentored student in writing manuscript
- \*10. **Carroll, D. M.,** Tessier, K. M., Cummings, K. M., O, Connor, Richard J, Reisinger, S., Shields, P. G., Stepanov, I. S., Luo, X., Hatsukami, D. K., Rees, V. W. (2021). Risk perceptions and continued smoking as a function of cigarette filter ventilation level among US youth and young adults who smoke. *Tobacco Control.* [doi: 10.1136/tobaccocontrol-2021-056833](https://doi.org/10.1136/tobaccocontrol-2021-056833)  
Developed study concept and design, analyzed data, wrote manuscript
- \*11 **Carroll, D. M.,** Cole, A. (2021). Racial/ethnic group comparisons of quit ratios and prevalences of cessation-related factors among adults who smoke with a quit attempt. *The American journal of drug and alcohol abuse*, 1-11. [doi: 10.1080/00952990.2021.1977310](https://doi.org/10.1080/00952990.2021.1977310)  
Developed study concept and design, analyzed data, wrote manuscript
- \*12. **Carroll, D. M.,** Lindgren, B. R., Dermody, S. S., Denlinger-Apte, R., Egbert, A., Cassidy, R. N., Smith, T. T., Pacek, L. R., Allen, A. M., Tidey, J. W., Parks, M. J., Koopmeiners, J. S., Donny, E. C., Hatsukami, D. K. (2021). Impact of nicotine reduction in cigarettes on smoking behavior and exposure: Are there differences by race/ethnicity, educational attainment, or gender? *Drug and alcohol dependence*, 225, 108756. PubMed Central ID Number: PMC8282676 [doi: 10.1016/j.drugalcdep.2021.108756](https://doi.org/10.1016/j.drugalcdep.2021.108756)  
Developed study concept and design, wrote manuscript
- \*13. Denlinger-Apte, R. L., Pacek, L. R., Ross, J. C., Bansal-Travers, M., Donny, E. C., Hatsukami, D. K., **Carroll, D. M.** (2021). Risk Perceptions of Low Nicotine Cigarettes and Alternative Nicotine Products across Priority Smoking Populations. *International journal of environmental research and public health*, 18(10). PubMed Central ID Number: PMC8156883 [doi: 10.3390/ijerph18105311](https://doi.org/10.3390/ijerph18105311)  
Developed study concept and design, analyzed data, and edited manuscript
- \*14. **Carroll, D. M.,** Hernandez, C., Braaten, G., Meier, E., Jacobson, P., Begnaud, A., McGonagle, E., Frizzell, L. B., Hatsukami, D. (2021). Recommendations to researchers for aiding in increasing American Indian representation in genetic research and personalized medicine. *Personalized medicine*, 18(1), 67-74. PubMed Central ID Number: PMC8242981 [doi: 10.2217/pme-2020-0130](https://doi.org/10.2217/pme-2020-0130)  
Developed concept and wrote manuscript

- \*15. Koopmeiners, J., **Vock, D.**, Boatman, J., **Carroll, D.**, Colby, Donny, E., Hatsukami, D., Lou, X., Tidey, J. The Importance of Estimating Causal Effects for January 9, 2020 6 Evaluating a Nicotine Standard for Cigarettes. *Nicotine & Tobacco Research*. [Accepted:2020]  
Contributed to writing the manuscript
- \*16. Hatsukami, D. K., **Carroll, D. M.** (2020). Tobacco harm reduction: Past history, current controversies and a proposed approach for the future. *Preventive medicine*, 140, 106099. PubMed Central ID Number: PMC7581601 [doi: 10.1016/j.ypmed.2020.106099](https://doi.org/10.1016/j.ypmed.2020.106099)  
Contributed to writing the manuscript
- \*17. **Carroll, D. M.**, Cigan, S., Ikuemonisan, J., Hammonds, T., Stepanov, I., St Helen, G., Benowitz, N., Hatsukami, D. K. (2020). Relationships Between Race, Gender, and Spot Urine Levels of Biomarkers of Tobacco Exposure Vary Based on How Creatinine Is Handled in Analyses. *Nicotine & tobacco research : official journal of the Society for Research on Nicotine and Tobacco*, 22(11), 2109-2113. PubMed Central ID Number: PMC7593361 [doi: 10.1093/ntr/ntaa117](https://doi.org/10.1093/ntr/ntaa117)  
Developed study concept and design, analyzed data, wrote manuscript
- \*18. **Carroll, D. M.**, Stepanov, I., O'Connor, R., Luo, X., Cummings, K. M., Rees, V. W., Bickel, W. K., Berman, M. L., Ashley, D. L., Bansal-Travers, M., Shields, P. G., Hatsukami, D. K. (2020). Impact of Cigarette Filter Ventilation on U.S. Smokers' Perceptions and Biomarkers of Exposure and Potential Harm. *Cancer epidemiology, biomarkers & prevention : a publication of the American Association for Cancer Research, cosponsored by the American Society of Preventive Oncology*. [doi: 10.1158/1055-9965.EPI-20-0852](https://doi.org/10.1158/1055-9965.EPI-20-0852)  
Conducted literature review, analyzed data, wrote manuscript
- \*19. Cole, A. B., Hébert, E. T., Reitzel, L. R., **Carroll, D. M.**, Businelle, M. S. (2020). Health Risk Factors in American Indian and Non-Hispanic White Homeless Adults. *American journal of health behavior*, 44(5), 631-641. [doi: 10.5993/AJHB.44.5.7](https://doi.org/10.5993/AJHB.44.5.7)  
Contributed to writing the manuscript
- \*20. **Carroll, D. M.**, Denlinger-Apte, R. L., Dermody, S., King, J. L., Mercincavage, M., Pacek, L. R., Smith, T. T., Tripp, H. L., White, C. M. (2020). Polarization within the field of tobacco and nicotine science and its potential impact on trainees. *Nicotine & tobacco research : official journal of the Society for Research on Nicotine and Tobacco*. [doi: 10.1093/ntr/ntaa148](https://doi.org/10.1093/ntr/ntaa148)  
Contributed to manuscript concept and writing the manuscript
- \*21. **Carroll, D. M.**, Strayer, L., Nardone, N., Pacek, L. R., Kozink, R. V., Tessier, K., McClernon, J., Benowitz, N., Bickel, W. K., Hatsukami, D. (2020). Development and Piloting Testing of an Experimental Tobacco and Nicotine Product Marketplace. *Nicotine & tobacco research : official journal of the Society for Research on Nicotine and Tobacco*, 22(7), 1230-1234. PubMed Central ID Number: PMC7291811 [doi: 10.1093/ntr/ntz195](https://doi.org/10.1093/ntr/ntz195)  
Collected data, developed analytic plan, analyzed data, and wrote manuscript
- \*22. **Carroll, D. M.**, Murphy, S. E., Benowitz, N. L., Strasser, A. A., Kotlyar, M., Hecht, S. S., Carmella, S. G., McClernon, F. J., Pacek, L. R., Dermody, S. S., Vandrey, R. G., Donny, E. C., Hatsukami, D. K. (2020). Relationships between the Nicotine Metabolite Ratio and a Panel of Exposure and Effect Biomarkers: Findings from Two Studies of U.S. Commercial Cigarette Smokers. *Cancer epidemiology, biomarkers & prevention : a publication of the American Association for Cancer Research, cosponsored by the American Society of Preventive Oncology*, 29(4), 871-879. PubMed Central ID Number: PMC7437528 [doi: 10.1158/1055-9965.EPI-19-0644](https://doi.org/10.1158/1055-9965.EPI-19-0644)  
Developed study concept and design, analyzed data, wrote manuscript

- \*23. **Carroll, D. M.**, Soto, C., Baezconde-Garbanati, L., Huang, L. L., Lienemann, B. A., Meissner, H. I., Rose, S. W., Unger, J. B., Cruz, T. B. (2020). Tobacco Industry Marketing Exposure and Commercial Tobacco Product Use Disparities among American Indians and Alaska Natives. *Substance use & misuse*, 55(2), 261-270. PubMed Central ID Number: PMC6980664 [doi: 10.1080/10826084.2019.1664589](https://doi.org/10.1080/10826084.2019.1664589)  
Developed analytic plan, analyzed data, and wrote manuscript
- \*24. Smith, T. T., Donny, E. C., Luo, X., Allen, A. M., **Carroll, D. M.**, Denlinger-Apte, R. L., Dermody, S. S., Koopmeiners, J. S., McClernon, F. J., Pacek, L. R., Vandrey, R., Hatsukami, D. K. (2019). The Impact of Gradual and Immediate Nicotine Reduction on Subjective Cigarette Ratings. *Nicotine & tobacco research : official journal of the Society for Research on Nicotine and Tobacco*, 21(Suppl 1), S73-S80. PubMed Central ID Number: PMC6939762 [doi: 10.1093/ntr/ntz158](https://doi.org/10.1093/ntr/ntz158)  
Contributed to literature review and writing the manuscript
25. Cruz, T. B., Rose, S. W., Lienemann, B. A., Byron, M. J., Meissner, H. I., Baezconde-Garbanati, L., Huang, L. L., **Carroll, D. M.**, Soto, C., Unger, J. B. (2019). Pro-tobacco marketing and anti-tobacco campaigns aimed at vulnerable populations: A review of the literature. *Tobacco induced diseases*, 17, 68. PubMed Central ID Number: PMC6770621 [doi: 10.18332/tid/111397](https://doi.org/10.18332/tid/111397)  
Assisted with literature review and writing of manuscript
26. **Carroll, D.**, Allenzara, A., Jensen, J., Stepanov, I., Hecht, S., Murphy, S., Lou, X., Donny, E., Hatsukami, D. (2019). Biomarkers of Exposure and Potential Harm among Natural American Spirit Smokers. *Tobacco Regulatory Science*, 5(4), 339-351. [doi: https://doi.org/10.18001/TRS.5.4.4](https://doi.org/10.18001/TRS.5.4.4)  
Developed analytic plan, analyzed data, and wrote manuscript
27. **Carroll, D. M.**, Wagener, T. L., Stephens, L. D., Brame, L. S., Thompson, D. M., Beebe, L. A. (2019). The relationship between nicotine metabolism and nicotine and carcinogen exposure among American Indian commercial cigarette smokers and electronic nicotine delivery system users. *Addictive behaviors*, 92, 58-63. PubMed Central ID Number: PMC7237066 [doi: 10.1016/j.addbeh.2018.10.038](https://doi.org/10.1016/j.addbeh.2018.10.038)  
Developed study concept, secured funding, analyzed data, and wrote manuscript
28. **Carroll, D. M.**, Wagener, T. L., Peck, J. D., Brame, L. S., Thompson, D. M., Stephens, L. D., Campbell, J. E., Beebe, L. A. (2018). Biomarkers of Exposure in ENDS Users, Smokers, and Dual Users of American Indian Descent. *Tobacco regulatory science*, 4(2), 3-15. PubMed Central ID Number: PMC6792294 [doi: 10.18001/TRS.4.2.1](https://doi.org/10.18001/TRS.4.2.1)  
Developed study concept, secured funding, analyzed data, and wrote manuscript
29. Leavens ELS, Meier, E., Tackett, A. P., Miller, M. B., Tahirkheli, N. N., Brett, E. I., **Carroll, D. M.**, Driskill, L. M., Anderson, M. P., Wagener, T. L. (2018). The impact of a brief cessation induction intervention for waterpipe tobacco smoking: A pilot randomized clinical trial. *Addictive behaviors*, 78, 94-100. PubMed Central ID Number: PMC5801765 [doi: 10.1016/j.addbeh.2017.10.023](https://doi.org/10.1016/j.addbeh.2017.10.023)  
Contributed to data collected and assisted with writing the manuscript
30. **Carroll, D. M.**, Brame, L. S., Stephens, L. D., Wagener, T. L., Campbell, J. E., Beebe, L. A. (2018). Community-Based Study Recruitment of American Indian Cigarette Smokers and Electronic Cigarette Users. *Journal of community health*, 43(1), 186-192. PubMed Central ID Number: PMC5756698 [doi: 10.1007/s10900-017-0401-0](https://doi.org/10.1007/s10900-017-0401-0)  
Developed study concept, secured funding, analyzed data, and wrote manuscript
31. **Carroll, D. M.**, Wagener, T. L., Thompson, D. M., Stephens, L. D., Peck, J. D., Campbell, J. E., Beebe, L. A. (2017). Electronic nicotine delivery system use behaviour and loss of autonomy among

- American Indians: results from an observational study. *BMJ open*, 7(12), e018469. PubMed Central ID Number: PMC5778282 [doi: 10.1136/bmjopen-2017-018469](https://doi.org/10.1136/bmjopen-2017-018469)  
Developed study concept, secured funding, analyzed data, and wrote manuscript
32. **Mowls, D. S.**, Boeckman, L., Gillaspay, S. R., Beebe, L. A. (2017). Long-term Quit Rates in Fax-Referred as Compared to Self-Referred Tobacco Quitline Registrants. *American journal of preventive medicine*, 52(4), e115-e121. [doi: 10.1016/j.amepre.2016.11.006](https://doi.org/10.1016/j.amepre.2016.11.006)  
Conducted literature review, analyzed data, and wrote manuscript
33. Cheruvu, V. K., Odhiambo, L. A., **Mowls, D. S.**, Zullo, M. D., Gudina, A. T. (2016). Health-related quality of life in current smokers with COPD: factors associated with current smoking and new insights into sex differences. *International journal of chronic obstructive pulmonary disease*, 11, 2211-2219. PubMed Central ID Number: PMC5029840 [doi: 10.2147/COPD.S106207](https://doi.org/10.2147/COPD.S106207)  
Assisted with writing manuscript
34. **Mowls, D. S.**, Brame, L. S., Martinez, S. A., Beebe, L. A. (2016). Lifestyle behaviors among US cancer survivors. *Journal of cancer survivorship : research and practice*, 10(4), 692-8. [doi: 10.1007/s11764-016-0515-x](https://doi.org/10.1007/s11764-016-0515-x)  
Conducted literature review, designed study, analyzed data, wrote manuscript
35. Martinez, S. A., Janitz, A. E., Erb-Alvarez, J., **Mowls, D. S.**, Campbell, J. E., Anderson, T. (2016). Cancer among American Indians - Identifying Priority Areas in Oklahoma. *The Journal of the Oklahoma State Medical Association*, 109(7-8), 374-384. PubMed Central ID Number: PMC5126965  
Assisted with writing manuscript
36. Brame, L. S., **Mowls, D. S.**, Damphousse, K. E., Beebe, L. A. (2016). Electronic nicotine delivery system landscape in licensed tobacco retailers: results of a county-level survey in Oklahoma. *BMJ open*, 6(6), e011053. PubMed Central ID Number: PMC4908906 [doi: 10.1136/bmjopen-2016-011053](https://doi.org/10.1136/bmjopen-2016-011053)  
Mentored first author, designed study, analyzed data, assisted with writing manuscript
37. Tankut, S., **Mowls, D.**, McCaffree, D. (2015). Factors Associated with Smoking Cessation Attempts in Asthmatics. *Journal of the Oklahoma State Medical Association*, 108(11), 477-81.  
Mentored first author, analyzed data, assisted with writing manuscript
38. Damphousse, K. E., **Mowls, D. S.**, Beebe, L. A. (2015). An Ecological Analysis of Tobacco Use and Oral Cavity and Pharynx Cancers in U.S. Males. *The Journal of the Oklahoma State Medical Association*, 108(11), 488-91.  
Mentored first author, designed study, analyzed data, assisted with writing manuscript
39. **Mowls, D. S.**, Campbell, J., Beebe, L. A. (2015). Race and Gender Disparities in Lung Cancer Incidence Rates, 2001-2010. *The Journal of the Oklahoma State Medical Association*, 108(11), 482-7. PubMed Central ID Number: PMC4788019  
Conducted literature review, analyzed data, and wrote manuscript
40. **Mowls, D. S.**, McCaffree, D. R., Beebe, L. A. (2015). Trends in lung cancer incidence rates, Oklahoma 2005-2010. *PloS one*, 10(4), e0119251. PubMed Central ID Number: PMC4406440 [doi: 10.1371/journal.pone.0119251](https://doi.org/10.1371/journal.pone.0119251)  
Developed study concept and design, analyzed data, wrote manuscript

41. **Mowls, D. S.**, Cheruvu, V. K., Schilz, R., Zullo, M. D. (2015). COPD in a nationally representative sample: sociodemographic factors and co-morbidity, diagnosis method, and healthcare utilization. *COPD*, 12(1), 96-103. [doi: 10.3109/15412555.2014.922065](https://doi.org/10.3109/15412555.2014.922065)  
Conducted literature review, analyzed data, wrote manuscript
42. **Mowls, D. S.**, Cheruvu, V. K., Zullo, M. D. (2014). Clinical and individual factors associated with smoking quit attempts among adults with COPD: do factors vary with regard to race? *International journal of environmental research and public health*, 11(4), 3717-27. PubMed Central ID Number: PMC4025017 [doi: 10.3390/ijerph110403717](https://doi.org/10.3390/ijerph110403717)  
Conducted literature review, analyzed data, wrote manuscript
43. **Mowls, D. S.**, Cheruvu, V. K., Zullo, M. D. (2013). Influenza vaccination in adults with chronic obstructive pulmonary disease: the impact of a diagnostic breathing test on vaccination rates. *PloS one*, 8(6), e67600. PubMed Central ID Number: PMC3695872 [doi: 10.1371/journal.pone.0067600](https://doi.org/10.1371/journal.pone.0067600)  
Conducted literature review, analyzed data, wrote manuscript

#### ***Brief, Non-Peer-Reviewed***

1. **Mowls** (2013). *Infant Mortality Brief, 2000-2009*. Stow, OH: Summit County Child and Family Health Services Program. Summit County Public Health Department.

#### ***Technical Report, Non-Peer-Reviewed***

1. Beard, H., **Mowls, D.**, Blaire, S. (2014). *Summit County Maternal and Child Health Indicators: A Report to the community from the Summit County Child and Family Health Services Consortium*. Stow, OH: [Non-Refereed]
2. Beard, H., **Mowls, D.**, Towne, K. (2013). *Portage County Maternal and Child Health Indicators: A Report to the Portage County Maternal and Child Health Consortium for Issue Prioritization*. Ravenna, OH: Portage County Child and Family Health Services Program. Portage County Health Department.

#### **Publications Submitted and Under Review**

- \*1. Cooley, C., Pickner, W., Widome, R., Jennings, D., Stately, A., Cole, A.B., Dorr, C., Cash, J., Hernandez, C., Hatsukami, D., Businelle, M., and **Carroll, D.M.** American Indian voices on how to culturally tailor a smartphone app for commercial smoking cessation. Under review with *Nicotine and Tobacco Research*.  
Secured funding, developed study concept and design, analyzed data, and guided manuscript development
- \*2 Bittencourt, L., Rubenstein, D., Noonan, D., McClernon, J., **Carroll, D. M.** Smoking quit attempts and associated factors among rural adults in the U.S. Under review with *Nicotine and Tobacco Research*.  
Developed study concept and design, analyzed data, and mentored student on manuscript development
- \*3. Treeful, A., Searle, K., **Carroll, D. M.**, Yost, K. J., Hedger, A. L., Friedenber, S. G. A case-control survey study of environmental risk factors for Addison's disease in dogs. Under review with *Journal of Veterinary Internal Medicine*.  
Contributed to study development and survey measures, and manuscript writing

## **Invited Presentations, Posters, and Exhibits**

Underline - indicates student presenter

### ***Invited Presentation/Talk***

- \*1. **Carroll, D. M (Presenter)**. "My Approach to Prioritizing Health Equity: Community Engagement and Keeping the Focus on Cigarettes" Mary Ellen Wewers, PhD, MPH, Seminar Series, Center for Tobacco Research, The Ohio State University. (2023). *Invited (in-person)*.
- \*2. **Carroll, D. M (Co-presenter)** and Ntegeye, J. (Co-presenter). "Let's chat about how Minnesota communities are tackling cancer disparities," Fireside Chat Series, Masonic Cancer Center, University of Minnesota (presentation to University faculty/staff/students and non-University affiliated community members). (2023). *Invited*.
- \*3. **Carroll, D. M.** "Achieving health equity through culturally-tailored smoking cessation programs," University of Minnesota M-ASCEND: Advancing Science, Enhancing Diversity, (presentation to high school students). (2022). *Invited*.
- \*4. **Carroll, D. M.** "Achieving health equity through culturally-tailored smoking cessation programs and low nicotine cigarettes," Association for Non-Smokers, St Paul, Minnesota. (2022). *Invited*
- \*5. **Carroll, D. M., (Co-Presenter)**, Jennings, D., (Co-Presenter and Community partner, Bad River Tribe) "A Collaboration to Promote Commercial Smoking Cessation through Cultural Connectedness," Health Equity Seminar Series The Program in Health Disparities Research & Center for Chronic Disease Equity Promotion Across Minnesota. (2022). *Invited*.
- \*6. **Carroll, D. M.** "Cigarette filter ventilation: An industry tactic to make profit and its negative environmental impacts," Masonic Cancer Center Tobacco Research Programs Seminar Series. (2022). *Invited*.
- \*7. **Carroll, D. M.** "Health Equity Focused Implementation Considerations for a Nicotine Product Standard," National Conference on Tobacco or Health. (2022). *Invited*.
- \*8. **Carroll, D. M., (Co-Presenter)**, Pickner, W., (Co-Presenter and Community partner, American Indian Cancer Foundation) "Development of a culturally-tailored smartphone-delivered intervention for commercial smoking cessation among American Indian persons," National Tribal Tobacco Conference, Minneapolis, Minnesota. (2022). *Invited*.
- \*9. **Carroll, D. M.** "E-cigarettes and Emerging Commercial Tobacco Products," National Tribal Tobacco Conference, Minneapolis, Minnesota. (2022). *Invited*.
- \*10. **Carroll, D. M.** "Polarization in tobacco science, its potential impact on trainees, & a call to action," Society for Research on Nicotine and Tobacco Conference, Virtual. (2022). *Invited*.
- \*11. **Carroll, D. M.** "A potential approach to averting 8.5 million deaths by 2100," School of Public Health," University of Minnesota Annual Research Day University of Minnesota. (2022). *Invited*.
- \*12. **Carroll, D. M.** "Application of the Population Assessment of Tobacco Use and Health (PATH) Study," Cancer Research Translational Initiative Data Palooza: Data Resources for Population-Based Cancer Research. (2021). *Invited*.
- \*13. **Carroll, D. M.** "Working as an Ally to American Indians Communities to Reduce the Burden of Commercial Tobacco Use," January State Health Access Data Assistance Center (SHADAC) Research Meeting. (2021). *Invited*.

- \*14. **Carroll, D. M.** "From bench science to the community: an example of using the Masonic Cancer Center's expertise to help respond to a community-identified need," Masonic Cancer Center Seminar Series. (2021). *Invited.*
- \*15. **Carroll, D. M.** "From culturally-tailored smoking cessation interventions to tobacco harm reduction: the many opportunities for reducing commercial tobacco use disparities," South Carolina Research Interest Group (SC TRIG). (2021). *Invited.*
- \*16. **Carroll, D. M.** "Collaborations with American Indian Tribes and Communities to Achieve Health Equity," University of Minnesota Health Equity Workgroup (HEWG) Spring Meeting. (2021). *Invited.*
- \*17. **Carroll, D. M.** "Best Practices for Protecting Minority and Underrepresented Populations in the Study of Biospecimens and Other Detailed Personal Health Information," American Conference of Governmental Industrial Hygienists. (2020). *Invited.*
- \*18. **Carroll, D. M.** "E-cigarette Polarization and Recommendations to Curtail its Potential to Exacerbate Tobacco-Related Disparities," E-cigarettes and Health Equity Society for Research on Nicotine and Tobacco. (2020). *Invited.*
- \*19. **Carroll, D. M.** "Community-Based Participatory Research to Reduce Commercial Smoking Among American Indians," Masonic Cancer Center Seminar Series. (2020). *Invited.*
- \*20. **Carroll, D. M.** "Tobacco Use Disparities in Minnesota and Community Engaged Research," Masonic Cancer Center Tobacco Research Programs Seminar Series. (2020). *Invited.*
- 21. **Carroll, D. M.** "Science Policy," PharmacoNeuroImmunology (PNI) Annual Retreat. (2019). *Invited.*
- 22. **Carroll, D. M.** "Setting the stage for genetic and personalized medicine studies for smoking cessation among American Indians," PharmacoNeuroImmunology (PNI). (December 2018). *Invited.*
- 23. **Carroll, D. M.** "Towards A Precision Medicine Approach to Smoking Cessation in Native Americans," Minnesota Precision Medicine Collaborative—Precision Medicine Seminar Series. (2018). *Invited.*
- 24. **Carroll, D. M.** "A Precision Medicine Approach To Smoking Cessation in Native Americans," Addressing the Precision Medicine Knowledge Gap. Summit for Native American & Rural Health. (2018). *Invited.*
- 25. **Carroll, D. M.** "Nicotine Metabolism among American Indian Smokers," Masonic Cancer Center Tobacco Research Programs Seminar Series. (2018). *Invited.*
- 26. **Carroll, D. M.** "Cigarette Smoking, Electronic Nicotine Product Use, and Biomarkers of Exposure Among American Indians in the Southern Plains," Biostatistics and Epidemiology Seminars Series Presentation University of Oklahoma Health Sciences Center. (2017). *Invited.*
- 27. **Carroll, D. M.** "Cigarette Smoking, and Electronic Nicotine Product Use Among American Indians in the Southern Plains.," Tobacco Research Programs Seminar Series Masonic Cancer Center. (2016). *Invited.*
- 28. **Carroll, D. M.** "Working with tribes for health research," Southern Plans Tribal Public Health Conference. (2016). *Invited.*



29. **Carroll, D. M.** "Nicotine Metabolism in American Indian Smokers and Electronic Cigarette Users," Biostatistics and Epidemiology Seminar Series University of Oklahoma Health Sciences Center. (2016). *Invited.*

### **Presentations, Posters, and Exhibits**

Underline - indicates student presenter

#### ***Paper***

- \*1. **Carroll, D. M.** "Culturally aligning NCI's Smokefree resources for American Indian persons," Society for Research on Nicotine and Tobacco Conference, Pre-Conference Workshop 'Tobacco Treatments that Work for Priority Populations'. (2023). *Peer-reviewed/refereed.*
- \*2. **Carroll, D. M.** "Behavioral Intentions in Response to Messaging on a Low Nicotine Product Standard for Cigarettes," Fall 2022 Tobacco Centers of Regulatory Science (TCORS) Grantee Meeting. (2022). *Peer-reviewed/refereed.*
- \*3. **Carroll, D. M.** "Exploring potential for a personalized medicine approach to smoking cessation with an American Indian Tribe," Society for Research on Nicotine and Tobacco Conference. (2022). *Peer-reviewed/refereed.*
- \*4. **Carroll, D. M.** "Researcher directed recommendations for collaborating with American Indians Tribes/Communities to Achieve Smoking-Related Health Equity," Society for Research on Nicotine and Tobacco Conference, Virtual. (2021). *Peer-reviewed/refereed.*
- \*5. **Carroll, D. M.,** Stepanov, I. S., R. O., Luo, X., Cummings, K. M., Rees, V., Bickel, W., Shields, P., Hatsukami, D., "Impact of Cigarette Filter Ventilation on Biomarkers of Tobacco-related Exposure and Biological Effect and Perceptions of Harm," Society for Research on Nicotine and Tobacco Annual Meeting, New Orleans, Louisiana. (2020). *Peer-reviewed/refereed.*
- \*6. **Carroll, D. M.** "Testing Messaging on Low Nicotine Cigarettes to Correct Misperceptions," Tobacco Regulatory Science Conference, Virtual. (2020). *Peer-reviewed/refereed.*
7. **Carroll, D. M.,** Soto, C., Baezconde-Garbanati, L., Huang, L., Lienemann, B., Meissner, H., Rose, S., Unger, J. "Tobacco Industry Marketing Exposure and Commercial Tobacco Product Use Disparities among American Indians and Alaska Natives," National Conference on Tobacco or Health Annual Meeting, Minneapolis, Minnesota. (August 2019). *Peer-reviewed/refereed.*
8. **Carroll, D. M.,** Strayer, L., Bickel, W., Hatsukami, D. "An Experimental Tobacco and Nicotine Product Marketplace: A Platform for Testing Policies and Regulations," Society for Research on Nicotine and Tobacco Annual Meeting., San Fran, California. (March 2019). *Peer-reviewed/refereed.*
9. **Carroll, D. M.,** Jensen, J., Stepanov, I., Murphy, S., Hecht, S., Lou, X., Donny, E., Hatsukami, D. "Perceived Health Risks and Biomarkers of Potential Harm among Natural American Spirit Brand smokers.," Society for Research on Nicotine and Tobacco Annual Meeting, Baltimore, Maryland. (February 2018). *Peer-reviewed/refereed.*
10. **Carroll, D. M.,** Boeckman, L., Gillaspay, T., Beebe, L. "Impact of Helpline Fax Referral Program on Quit Outcomes," Graduate Research Education and Technology (GREAT) Symposium, Oklahoma City., Oklahoma. (March 2016). *Peer-reviewed/refereed.*
11. **Carroll, D. M.,** Beebe "Unhealthy Behaviors Among Cancer Survivors," Graduate Research Education and Technology (GREAT) Symposium, Oklahoma City, Oklahoma. (April 2015). *Peer-reviewed/refereed.*

12. **Carroll, D. M.**, Ganapathy, V., Zhao, D., Queimado, L. "Influence of Clinical and Lifestyle Factors on DNA Damage in Head and Neck Cancer.," Otorhinolaryngology Research Day, Oklahoma City, Oklahoma. (April 2015). *Peer-reviewed/refereed*.
13. **Carroll, D. M.**, Beebe, L. "Long-Term Projections in Smoking-Attributable Lung Cancer By Gender," Society for Research on Nicotine and Tobacco Conference, Philadelphia,, Pennsylvania. (February 2015). *Peer-reviewed/refereed*.
14. **Carroll, D. M.**, Beebe, L. "Race Specific Trends in Invasive Lung Cancer, Oklahoma 2001-2010," Graduate Research Education and Technology (GREAT) Symposium, Oklahoma City, Oklahoma. (April 2014). *Peer-reviewed/refereed*.
15. **Carroll, D. M.**, Beebe, L. "Behavioral Risk Factors among Cancer Survivors in Oklahoma.," Stephenson Cancer Center Research Symposium, Oklahoma City, Oklahoma. (January 2014). *Peer-reviewed/refereed*.
16. **Carroll, D. M.**, Cheruvu, V., Zullo, M. "HRQOL in Adults with COPD: Who is Still Smoking and Where Can Public Health and Clinical Medicine Intervene?," American Public Health Association Annual Conference, Boston,, Massachusetts. (November 2013). *Peer-reviewed/refereed*.
17. **Carroll, D. M.** "Influenza Vaccination Rates in Adults with Chronic Obstructive Pulmonary Disease: the Impact of a Diagnostic Breathing Test," Graduate Research Symposium Kent State University, Ohio. (April 2013). *Peer-reviewed/refereed*.

#### **Poster**

- \*1. Hunt, B., (Presenter), Hatsukami, D., **Carroll, D. M.** "New Product, Same Tactics: How the Nicotine Industry Continues to Exploit Native American Imagery and Sovereignty," Society for the Psychological Study of Social Issues (SPSSI), Denver, CO. (2023). *Peer-reviewed/refereed*.
- \*2. Bittencourt, L., (Presenter), Rubenstein, D., Noonan, D., McClernon, J., **Carroll, D. M.** "Smoking quit attempts and associated factors among rural adults in the U.S." Society for Research on Nicotine and Tobacco Annual Meeting, San Antonio, TX. (2023).
- \*3. Jackson, S., (Presenter), Hatsukami, D., **Carroll, D. M.** "From Menthol Cigarettes to Synthetic Nicotine Products: Tobacco Product Regulatory Loopholes and Their Potential Implications for African American Communities," Life Sciences Summer Undergraduate Research Programs Symposium University of Minnesota, Minneapolis. (2022). *Peer-reviewed/refereed*.
- \*4. Hunt, B., (Presenter), Hatsukami, D., **Carroll, D. M.** "New Product, Same Tactics: How the Nicotine Industry Continues to Exploit Native American Imagery and Sovereignty," Life Sciences Summer Undergraduate Research Programs Symposium University of Minnesota, Minneapolis. (2022). *Peer-reviewed/refereed*.
- \*5. Jennings, D., (Presenter and Community Partner: Bad River Tribe), Hatsukami, D., **Carroll, D. M.** "Utilizing traditional tobacco to reframe what tobacco is and is not to promote commercial smoking cessation in Native Americans: rationale, partnership goals, and planned milestones," Power of Partnerships Annual Conference University of Minnesota, Minneapolis, Minnesota. (2021).
- \*6. Katz, S. J., Strayer, L., Donny, E. C., Hatsukami, D., **Carroll, D. M.** "Communicating Health Risks of Low Nicotine Content Cigarettes: A Test of Strategies to Mitigate Disruptive Cognitive Processing.," Society for Research on Nicotine and Tobacco Annual Meeting, Virtual. (2021).

- \*7. **Carroll, D. M.**, Cole, A. "U.S. representative examination of racial/ethnic group disparities in smoking behaviors, quit ratios, and cessation-related factors," Society for Research on Nicotine and Tobacco Annual Meeting, Virtual. (February 2021).
- \*8. **Carroll, D. M.**, Murphy, S., Benowitz, N., Strasser, A., Kotlyar, M., Hecht, S., Carmella, McClernon, J., Dermody, S., Vandrey, R., Donny, E., Hatsukami, D. "Relationships between nicotine metabolite ratio and a panel of exposure and effect biomarkers.," Society for Research on Nicotine and Tobacco Annual Meeting., New Orleans, Louisiana. (2020).
- \*9. **Carroll, D. M.**, Dermody, R., Denlinger-Apte, R., Cassidy, R., Allen, A., Smith, R., Lindgren, B., Pacek, L., Tidey, J., Donny, E., Hatsukami, D. "Does the optimal approach to nicotine reduction in cigarettes differ by race, gender, or education?," Centers of Regulatory Science Meeting, Bethesda,, Maryland. (2019).
10. **Carroll, D. M.**, Rose, S., Unger, J., Soto, C., Lienemann, B., Byron, J., Meissner, H., Huang, L., Baezconde-Garbanati, L., Cruz, T. "Pro- and Anti-Tobacco Marketing Aimed at Vulnerable Populations: A Systematic Review," National Conference on Tobacco or Health Annual Meeting, Minneapolis,, Minnesota. (2019).
11. **Carroll, D. M.**, Jensen, J., Donny, E., Hecht, S., Murphy, S., Lou, X., Stepanov, Hatsukami "Exposure Biomarkers among Natural American Spirit Smokers," UMN PharmacNeuroImmunology (PNI) Annual Meeting, Minneapolis, Minnesota. (2018).
12. **Carroll, D. M.**, Jensen, J., Donny, E., Murphy, S., Lou, X., Stepanov, I., Hatsukami, D. "Toxicant and Inflammatory Biomarkers among Natural American Spirit Smokers," Masonic Cancer Center, Annual Cancer Research Symposium, Minneapolis, Minnesota. (2018).
13. **Carroll, D. M.**, Jensen, J., Donny, E., Hecht, S., Murphy, S., Lou, X., Stepanov, I., Hatsukami, C. "Toxicant and Inflammatory Biomarkers among Natural American Spirit Smokers," Tobacco Centers of Regulatory Science Meeting, Bethesda, Maryland. (2017).
14. **Carroll, D. M.**, Wagener, T., Peck, J., Brame, L., Thompson, Stephens, L., Campbell, J., Beebe "Biomarkers of tobacco exposure in ENDS users, cigarette smokers, and dual users of American Indian descent," Association of American Indian Physicians Conference, Oklahoma City, Oklahoma. (2017). Presented by Stephens LD
15. **Carroll, D. M.**, Wagener, T., Beebe, L. "Electronic Nicotine Product Use, Cigarette Smoking, and Dual Use among American Indians in a Pilot Study," Society for Research on Nicotine and Tobacco Conference, Florence, Italy. (2017).
16. **Carroll, D. M.**, Martinez, S., Mushtaq, N., Beebe, L. "Current Cigarette Smoking and Tobacco Dependence among GED Recipients," Society for Research on Nicotine and Tobacco Conference., Florence, Italy. (2017).
17. **Carroll, D. M.**, Williams, B., Mushtaq, N., Beebe, L. "Policies, perceptions and polytobacco use.," Society for Research on Nicotine and Tobacco Conference, Chicago, Illinois. (2016).
18. **Carroll, D. M.**, Carabin, H. "Hepatitis C Virus Transmission Among Injection Drug Users," Graduate Research Education and Technology (GREAT) Symposium, Oklahoma City, Oklahoma. (2015).
19. **Carroll, D. M.**, Brame, L., Beebe, L. "Recent Trends in Tobacco-Related Cancer by Gender, Oklahoma," Stephenson Cancer Center Research Symposium, Oklahoma City, Oklahoma. (2015).

20. **Carroll, D. M.**, Cheruvu, V., Zullo, M. "Factors Associated with Attempt to Quit Smoking among Adults with Chronic Obstructive Pulmonary Disease," American Public Health Association Annual Conference, Bost, Massachusetts. (2013).
21. **Carroll, D. M.**, Zullo, M., Cheruvu, V. "Perceived Weight, not Body Mass Index: a Strong Predictor of Suicide Risk among US Adolescents," Society for Epidemiology Research Annual Meeting, Boston, Massachusetts. (2013).
22. **Carroll, D. M.**, Cheruvu, V., Zullo, M. "Underutilization of spirometry in adults diagnosed with chronic obstructive pulmonary disease: who to target for improved clinical management," Society for Epidemiology Research Annual Meeting, Boston, Massachusetts. (2013).
23. **Carroll, D. M.**, Zullo, M., Cheruvu, V. "Perceived Weight, not Body Mass Index: a Strong Predictor of Suicide Risk among US Adolescents," Graduate Research Symposium Kent State University, Kent, Ohio. (2013).
24. **Carroll, D. M.**, Cheruvu, V. "Association Between Body Mass Index and Suicidal Thoughts and Attempts Among US Adolescents," American College of Epidemiology Annual Meeting, Chicago, Illinois. (2012).

### Media Contributions

- \* "What are we publishing? An interview with Dr. Dana Carroll on her recent publication: Exploring Potential for a Personalized Medicine Approach to Smoking Cessation With an American Indian Tribe." Global Health Work Group April Newsletter April 28, 2023
- \* "Addressing menthol cigarette usage, vaping, highlights policy inequities," MINNPOST <https://www.minnpost.com/race-health-equity/2022/07/addressing-menthol-cigarette-usage-vaping-highlights-policy-inequities/> July 22, 2022
- \* "New research calls for a health equity lens in commercial tobacco product regulation," University of Minnesota News and Events <https://twin-cities.umn.edu/news-events/new-research-calls-health-equity-lens-commercial-tobacco-product-regulation> July 1, 2022
- \* "Reducing the harm caused by tobacco," Masonic Cancer Center <http://masons.umn.edu/masonic-cancer-center/reducing-harm-caused-tobacco> 2021
- \* "Lights out. American Indian communities collaborate with U researchers to reduce commercial tobacco use," Masonic Cancer Center Legacy magazine <https://legacy.umn.edu/stories/lights-out> November 11, 2021
- \* "Lung cancer awareness with the U of M: Smoking, radon, and cancer treatment and prevention," Masonic Cancer Center News <https://cancer.umn.edu/news/lung-cancer-awareness-u-m-smoking-radon-and-cancer-treatment-and-prevention> November 11, 2021
- \* "Sacred tobacco and American Indians, tradition and conflict," The Pulse, a weekly health and science podcast <https://whyy.org/segments/keep-it-sacred-smoking-indigenous-people-tradition-and-conflict/> May 14, 2021

- \* "UMN researcher collaborates with American Indian tribes working toward smoking cessation," Minnesota Daily February 25, 2021  
<https://mndaily.com/265843/news/umn-researcher-collaborates-with-american-indian-tribes-working-toward-smoking-cessation/>
- \* "The Real Cost of Smoking by State," WalletHub January 13, 2021  
<https://wallethub.com/edu/the-financial-cost-of-smoking-by-state/9520>

## TEACHING

### Planned Teaching

- \* **PubH 6100: Achieving Health Equity - Addressing Cancer Disparities**  
Will be teaching in Spring 2024

### Instructional Activity

#### *University of Minnesota*

- \* Instructor, PubH 6100: Achieving Health Equity—Addressing Cancer Disparities (2 CR) Spring 2023
- \* Co-Instructor, PubH 6387: Cancer Epidemiology (2CR) Spring 2022
- \* Guest Lecture, PubH 6102 Issues in Environmental and Occupational Health, Role of communications in public health and on health interventions 2021
- \* Guest Lecture, PubH 6387: Cancer Epidemiology, Addressing smoking-related cancers through epidemiology and community-based participatory research 2021
- \* Guest Lecture, PubH 8120: Occupational and Environmental Health and Safety Seminar, From genetics to culture: personalizing smoking cessation treatment to achieve health equity 2021
- \* Guest Lecture, PubH 6074/JOUR 5541: Mass Communication and Public Health, Community-Based Interventions 2020
- \* Guest Lecture, PubH 6162: Biomarkers, Community-Based Participatory Research 2020
- \* Guest Lecture, PubH 6242: Cultural Humility with American Indian Populations, Cultural Humility in Research 2020
- \* Guest Lecture, PubH 6243: American Indian Research, Evaluation & Collaborations, Community-Based Participatory Research 2020
- \* Guest Lecture, PubH 8120: Occupational and Environmental Health and Safety Seminar, Combating Smoking Disparities through Epidemiology and Community Engagement 2020
- PubH 6162: Guest Lecturer, PubH 6162: Biomarkers, Community-Based Biomarkers Research with Vulnerable Populations 2019

#### *American Indian Cancer Foundation*

- \* Guest Lecture, Balancing Consideration of the Risks and Benefits of E-Cigarettes, American Indian Cancer Foundation 2021

***Langston University School of Nursing and Health Professions***

Guest Lecturer, Introduction to Public Health, Langston University School of Nursing and Health Professions 2016  
Lecturer: Public health research methods and statistics

***University of Oklahoma Health Sciences Center***

CPH 7633: Guest Lecturer, Public Health Strategies for Tobacco Control, University of Oklahoma Health Sciences Center 2018  
Lecturer: Genetics and Smoking

BSE 6192: Guest Lecturer, Grant Writing Skills in Epidemiology, University of Oklahoma Health Sciences Center 2017  
Lecturer: NIH dissertation grants

BSE 5001: Guest Lecturer, Problems in Biostatistics and Epidemiology, University of Oklahoma Health Sciences Center 2017  
Lecturer: Class on measures of association

BSE 5001: Guest Lecturer, Problems in Biostatistics and Epidemiology, University of Oklahoma Health Sciences Center 2016  
Lecturer: One class on measures of association, two classes on study design, and one class on confounding

CPH 7633: Guest Lecturer, Public Health Strategies for Tobacco Control, University of Oklahoma Health Sciences Center 2016  
Lecturer: Genetics and Smoking

BSE 6363: Guest Lecturer, Cancer Epidemiology and prevention, University of Oklahoma Health Sciences Center 2015  
Lecturer: Lung cancer epidemiology, prevention, and treatment

BSE 5113: Guest Lecturer, Principles of Epidemiology, University of Oklahoma Health Sciences Center 2015  
Lecturer: Standardization

BSE 5001: Guest Lecturer, Problems in Biostatistics and Epidemiology, University of Oklahoma Health Sciences Center 2015  
Lecturer: One class on measures of association, two classes on study design, and one class on confounding

Teaching Assistant, Intermediate Epidemiology, University of Oklahoma Health Sciences Center 2015

***University of Pennsylvania***

\* Guest Lecture, Utilizing Mixed Methods in Health Communication Research, University of Pennsylvania, Community-Based Participatory Research: Best Practices and Lessons Learned 2021

**CURRICULUM DEVELOPMENT ACTIVITIES**

**Curriculum Development Activities**

***University of Minnesota***

\* Advancing Health Equity--Addressing Cancer Disparities (PUBH 6100, Section 001; 2 credits) 2022 - 2023

**PROFESSIONAL DEVELOPMENT ACTIVITIES**

- \* Training, "Mentoring Excellence Training Academy," Clinical and Translational Science Institute (CTSI), University of Minnesota 2022
- \* Training, "PI Primer Workshop," Clinical and Translational Science Institute (CTSI), University of Minnesota 2022
- \* Training, "Qualitative Research Summer Intensive," University of North Carolina Odum Institute for Research in Social Science 2022
- \* Training, "Jr. Faculty Peer-Supported Grant Writing Group, University of Minnesota School of Public Health," 2021
- \* Training, "Promoting Indigenous Research Leadership (PIRL), Montana State University," 2021
- \* Training, "Proposal Preparation Program (P3), University of Minnesota, Academic Health Center," 2020
- \* University Teaching/Learning Program, "Health Equity Leadership & Mentoring Program, University of Minnesota," 2020
- University Teaching/Learning Program, "Preparing Future Faculty Program," University of Minnesota 2018  
 GRAD 8101: Teaching in Higher Education

**ADVISING AND MENTORING**

**Graduate Student Activities**

*University of Minnesota*

*Advisees*

- \* Lorna Bittencourt, Environmental Health Ph D 2022 – Present
- \* Ridwan Said, Environmental Health Ph D 2022 - Present
- \* Jaidev Gollakota, Environmental Health M P H 2022 - Present
- \* Hope Salameh, Environmental Health M P H 2022 - Present
- \* Gregory Goodwine, Environmental Health M P H 2021 - Present
- \* Paige Horsch, Environmental Health M P H 2021 - Present
- \* Mackenzie Differding, Environmental Health M P H 2021 - Present

*Other Advising Activities*

- \* Supervised Research and Training. 2022 – Present  
 Julie Ntegeye, Environmental Health M P H  
 Support and mentor on research grants
- \* Supervised Research and Training. 2021 - Present  
 Mackenzie Differding, Environmental Health M P H  
 Support and mentor on research grants
- \* Supervised Research and Training. 2021 - 2023  
 Maria Roeser, Environmental Health M P H  
 Support and mentor on research grants
- \* Supervised Research and Training. 2021 - 2022  
 Anna Fryxell, Environmental Health M P H  
 Support and mentor on research grants

**Committee Advising**

***Doctoral Final Committee: Committee Member***

- \* Chuyu Deng, Biostatistics Ph D 2022
- \* Ran Zhao, Epidemiology Ph D 2021

***Doctoral Preliminary Committee: Committee Member***

- \* Aleksandra Alcheva, Environmental Health Ph D 2021 – Present
- \* Alexis Grimes Trotter, Environmental Health Ph D 2021 – Present
- \* Chuyu Deng, Biostatistics Ph D 2020 – 2021
- \* Ran Zhao, Epidemiology Ph D 2019 – 2021

***Master's Thesis: Committee Member/Reviewer***

- \* Casey Homel, Environmental Health MPH 2023
- \* Mingming Pan, Biostatistics M S 2022
- \* Laura Dick, Executive MPH 2021

**Post-Doctoral Mentoring**

***University of Minnesota***

- \* Crina Cotoc, T32 Cancer Health Disparities Training Grant 2022 - Present  
*Serve as secondary SPH mentor. (Primary: Irina Stepanov)*

**Undergraduate Students Activities**

***University of Minnesota***

- \* Supervised Research and Training. 2022 - Present  
 Elli Kim (2023), Biiwaabik Hunt (2022); M-ASCEND: Advancing Science, Enhancing Diversity Undergraduate Summer Program
- \* Supervised Research and Training. 2019 - Present  
 Rene Thigpen (2023) Saaidya Jackson (2022), Taylor Hammonds (2019); PharmacoNeuroImmunology Summer Research Program for Undergraduate Students of Diversity (R25)
- \* Undergraduate Senior Project/Thesis Advisor. 2020  
 Ashley Gao  
 Research Paper for Physiology Majors (PHSL 3062W)
- \* Undergraduate Senior Project/Thesis Advisor. 2020  
 MacKenzie Differding  
 Undergraduate Psychology Capstone Requirement
- Supervised Research and Training. 2017 - 2019  
 Alana Goodson, Camryn Franke; Masonic Cancer Center, Summer Student Research Program

**SERVICE**

**Service to the Discipline/Profession/Interdisciplinary Area(s)**

***Co-chair***

- \* Perspectives from the Community to the University: A Fireside Chat; 2022  
 Virtual webinar hosted by Society for Research on Nicotine and Tobacco



(SRNT) Health Equity Network, Appointed, approximately 5 hours spent per year. Invited by community partners to present and co-chaired the session

- \* Scholarship and Development Subcommittee of the Society for Research on Nicotine and Tobacco (SRNT) SRNT Health Disparities Network 2021 - Present
- \* Succeeding as Women in Nicotine and Tobacco Research Workshop at the 2021 SRNT Conference 2020 - 2021
- \* Where the Rubber Meets the Road: Culturally Tailored Tobacco Control Research and Interventions to Achieve Health Equity, 2021 SRNT Conference 2020 - 2021

***Grant Reviewer***

- \* California Tobacco-Related Disease Research Program Community-Partnered Participatory Research Award Review Panel 2022
- \* NIH Native American Research Centers for Health (NARCH; ZRG1 BDCN N56). Ad Hoc reviewer for Native American Research Centers for Health (NARCH) 2021
- \* Oklahoma Tobacco Settlement Endowment Trust (TSET) 2020

***Journal Reviewer***

- \* American Journal of Public Health 2020 - Present
- \* Cancer Epidemiology, Prevention, and Biomarkers 2020 - Present
- Nicotine & Tobacco Research 2019 – Present
- Addictive Behaviors 2018 - 2020
- BMC Public Health 2018 - 2020
- Journal of Addiction Medicine 2017 - 2020
- Tobacco Regulatory Science 2017 - 2020
- International Journal of Environmental Research and Public Health 2019

***Member***

- \* National Tribal Tobacco Conference Steering Committee 2020 - Present
- Tobacco Centers of Regulatory Science (TCORS), Trainee and Vulnerable Populations Workgroup 2018 - 2019

***Operations Coordinator***

Scholarship and Development Subcommittee of the Society for Research on Nicotine and Tobacco (SRNT) SRNT Health Disparities Network 2018 - 2021

***Abstract Reviewer***

Society for Research on Nicotine and Tobacco Annual Conference 2017 – 2020  
 Society for Epidemiologic Research Annual Conference 2018

***Preparer of Briefing Notes***

Nicotine and Tobacco Research Journal 2018 - 2020

**Service to the University/College/Department**

**University of Minnesota**

***Department***

- \* Reviewer, 4 + 1 MPH Program Admissions Committee 2022 – Present
- \* Chair, Diversity, Equity, and Inclusion Faculty Committee 2021 – Present
- \* Organizer, Antiracism faculty book club, Organizer 2020

***College***

- \* Reviewer, Health Equity Pilot Grants, Health Equity Work Group 2023
- \* Representative for SPH on Minnesota Department of Health’s Healthy Minnesota Partnership 2023 – Present
- \* Member, SPH DEI Action Alignment Team 2021 – 2022
- \* Chair, Health Equity Faculty Networking Event 2020 – Present
- \* Moderator, SPH Community Forum: Indigenizing Public Health: Advancing Equity with Indigenous Knowledge 2021
- \* Chair, Jr. Faculty Monthly Luncheon 2020 - 2021

***University***

- \* Chair, Tobacco Research Programs Seminar, Masonic Cancer Center 2022 - Present
- \* Member, Masonic Cancer Center Community Engagement Faculty Advisory Committee 2019 - 2021
- \* Judge, Global Health Case Competition, Center for Global Health and Social Responsibility 2020

**University of Oklahoma Health Sciences Center**

***College***

- President, Biostatistics and Epidemiology Student Association 2016 - 2017
- Workshop Chair, Graduate Student Association 2016 - 2017

***University***

- Member, Graduate College Student Appeals Board 2016 - 2017
- Student Representative
- Member, Graduate Faculty Appointment Committee 2016 - 2017
- Student Representative
- Vice Chair, Graduate Student Association 2015 - 2016
- Leadership University of Oklahoma Health Sciences, Class of 2014 2014 - 2015
- Treasurer, Student Government Association 2014 - 2015
- Senator, Graduate Student Association 2013 - 2014

**Public and External Service**

- \* Member, Minnesota Department of Health Cessation Advisory Committee 2021 - 2022
- \* Member, American Indian Cancer Foundation Community Oversight Group (COG) 2020 - 2022
- Treasurer, Toastmasters International Public Speaking Club - Uptown 627 2016 – 2017
- President, Toastmasters International Public Speaking Club - Uptown 627 2015 - 2016
- Vice President of Education, Toastmasters International Public Speaking Club - Uptown 627 2014 - 2015