

# Delvon T. Mattingly, Ph.D.

Assistant Professor, Research Title Series

Center for Health, Engagement, and Transformation & Department of Behavioral Science  
461 Healthy Kentucky Research Building, 760 Press Avenue, Lexington, KY 40536  
[delvonmattingly@uky.edu](mailto:delvonmattingly@uky.edu) | +1 (859) 218-6875 | ORCID ID: 0000-0002-2039-7311

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## CURRENT POSITION

2023-Present    **Research Assistant Professor**, Center for Health, Engagement, and Transformation, Department of Behavioral Science, University of Kentucky College of Medicine

## EDUCATION

- 2023            **Ph.D.**, Epidemiological Science, The University of Michigan School of Public Health  
*Dissertation title:* Psychosocial drivers of racial/ethnic disparities in tobacco and cannabis use among youth and adults in the United States  
*Advisor:* Dr. Nancy L. Fleischer
- 2018            **M.S.**, Epidemiology, The University of Louisville School of Public Health and Information Sciences  
*Thesis Title:* Post-diagnosis quality of life and mortality in non-Hispanic white and Hispanic women diagnosed with invasive breast cancer  
*Advisor:* Dr. Stephanie Boone
- 2016            **B.S.**, Public Health, The University of Louisville School of Public Health and Information Sciences, *summa cum laude*

## PREVIOUS POSITIONS

- 2018-2023    **Graduate Student Research Assistant**, Center for Social Epidemiology and Population Health, Department of Epidemiology, University of Michigan School of Public Health
- 2017-2018    **Graduate Research Assistant**, American Heart Association Tobacco Center for Regulatory Science (A-TRAC), National Institutes of Health and Food and Drug Administration; Department of Communication, University of Louisville

## GRANTS AND CONTRACTS

### *Awarded/Active*

- 2024            **Co-Investigator (PI: Rose SW)**, “Local Flavor Policies to Enhance Equity in Tobacco – A Diversity Supplement”, National Cancer Institute, 3R01CA251478-04S1. Funding period: September 2024 to March 2026.
- 2024            **Principal Investigator**, “The Intersectionality of Multiple Types of Discrimination and Substance Use Behaviors”, National Institute on Drug Abuse, 1L60DA061514-01. Funding period: July 2024 to June 2026.
- 2024            **Principal Investigator**, “Socioecological Barriers and Facilitators to Lung Cancer Screening Among Black Adults Who Use Various Combustible Tobacco Products: Assessing the

Equity impact of the USPSTF Lung Cancer Screening Recommendations”, United In True Equity (UNITE) Research Priority Area & Markey Cancer Center (MCC) Pilot Funding. Funding period: April 2024 to March 2025.

### ***Inactive/Completed***

- 2019      **Trainee (MPI: Meza R, Levy DT)**, “Center for the Assessment of the Public Health Impact of Tobacco Regulations - Diversity Supplement for Project 3”, National Cancer Institute, 3U54CA229974-02S1. Funding period: September 2019 to August 2022.
- 2022      **Fellow (PI: Fleischer NL)**, “Understanding the Role of Police Exposures on Racial/Ethnic Disparities in Substance Use Among US Youth”, Institute for Social Research, University of Michigan, Jerald and Virginia Bachman Research Fellowship on Change in American Youth. Funding period: June 2022 to April 2023.

### ***Submitted, Pending***

- 2024      **Co-Investigator (PI: Fleischer NL)**, “Structural Racism and Cigarette and Cigar Use, and Related Mortality, at the Intersection of Race, Ethnicity, Gender, and Social Class”, National Cancer Institute. Proposed funding period: April 2025 to May 2029.
- 2024      **Principal Investigator**, “Discrimination and tobacco use disparities at the intersection of race and ethnicity: The moderating roles of traumatic stress and hypervigilance”, National Cancer Institute. Proposed funding period: April 2025 to March 2027.
- 2024      **Co-Investigator (PI: Fennell BS)**, “Responses of Adults Smoking Nondaily and Daily in the Experimental Tobacco Marketplace”, Substance Use Priority Research Area (SUPRA) Pilot Funding. Proposed funding period: January 2025 to December 2025.
- 2024      **Principal Investigator**, “Novel Cannabis Product Use Among Young Adults Living in Appalachia”, National Institute on Drug Abuse. Proposed funding period: July 2025 to June 2027.

## **BIBLIOGRAPHY**

**(underlined author is student or advisee)**

### ***Peer-Reviewed Manuscripts***

1. Richardson MK, Agbonlahor O, Hart JL, **Mattingly DT**. Extensive social media use and frequency of current e-cigarette use among US youth. *Drug Alcohol Depend Rep*. DOI: 10.1016/j.dadr.2024.100266.
2. **Mattingly DT**, Agbonlahor O, Richardson MK, Rayens MK, Rose SW, Hart JL. Factors associated with disposable electronic cigarette use among US youth: A national repeated cross-sectional study, 2021–22. *Addiction*. DOI: 10.1111/add.16628.
3. **Mattingly DT**, Richardson MK, Hart JL. Prevalence of and trends in current cannabis use among US youth and adults, 2013-2022. *Drug Alcohol Depend Rep*. DOI: 10.1016/j.dadr.2023.100253.
4. **Mattingly DT**, Fleischer NL. Trends in youth opinions about police agencies in the United States, 2017-2021. *Soc Sci Humanit Open*. DOI: 10.1016/j.ssaho.2024.100972.

5. Dai HD, Subica A, **Mattingly DT**, Harlow A, Leventhal AM. Association of race-ethnicity intersection with disparities in cigarette smoking in US adults. *Nicotine Tob Res*. DOI: 10.1093/ntr/ntae041.
6. **Mattingly DT**, Hart JL. Trends in current electronic cigarette use among youth by age, sex, and race and ethnicity. *JAMA Netw Open*. DOI: 10.1001/jamanetworkopen.2023.54872.
7. **Mattingly DT**, Mezuk B, Elliott MR, Neighbors HW, Leventhal AM, Fleischer NL. Distress about social problems and tobacco and cannabis use outcomes among young adults. *Prev Med*. DOI: 10.1016/j.ypmed.2024.107850.
8. **Mattingly DT**, Agbonlahor O, Hart JL, McLeish AC, Walker KL. Psychological distress and cannabis vaping among U.S. adolescents. *Am J Prev Med*. DOI: 10.1016/j.amepre.2023.10.013.
9. Micalizzi L, **Mattingly DT**, Hart JL, Jensen JK, Mahabee-Gittens EM, Garrison KA. Smartphone apps targeting youth tobacco use prevention and cessation: An assessment of credibility and quality. *Curr Addict Rep*. DOI: 10.1007/s40429-023-00524-0.
10. Agbonlahor O, **Mattingly DT**, Rai J, Hart JL, McLeish AC, Walker KL. Differences in health care provider screening for tobacco use among youth in the United States: The National Youth Tobacco Survey, 2021. *Prev Med*. DOI: 10.1016/j.ypmed.2023.107718.
11. **Mattingly DT**, Mezuk B, Elliott MR, Neighbors HW, Fleischer NL. Racial and ethnic disparities in mental health problems and tobacco and cannabis use among US emerging adults. *J Racial Ethn Health Disparities*. DOI: 10.1007/s40615-023-01822-z.
12. Agbonlahor O, **Mattingly DT**, Rai J, Hart JL, McLeish AC, Walker KL. Differences in health care provider advice on abstaining from tobacco use: Findings from the 2020 National Youth Tobacco Survey. *Addict Behav*. DOI: 10.1016/j.addbeh.2023.107726.
13. **Mattingly DT**, Elliott MR, Fleischer NL. Latent classes of tobacco and cannabis use among youth and young adults in the United States. *Subst Use Misuse*. DOI: 10.1080/10826084.2023.2215312.
14. Patel A, Hirschtick JL, Cook S, **Mattingly DT**, Zavala-Arciniega L, Mukerjee R, Barnes GD, Arenberg DA, Mendoza E, Jeon J, Levy DT, Meza R, Fleischer NL. Longitudinal association between exclusive and dual use of cigarettes and electronic nicotine delivery systems and asthma among U.S. adolescents. *J Adolesc Health*. DOI: 10.1016/j.jadohealth.2023.04.009.
15. **Mattingly DT**, Cook S, Hirschtick JL, Patel A, Arenberg DA, Barnes GD, Levy DT, Meza R, Fleischer NL. Longitudinal associations between exclusive, dual, and polytobacco use and incident asthma among US youth. *Prev Med*. DOI: 10.1016/j.ypmed.2023.107512.
16. **Mattingly DT**, Mezuk B, Elliott MR, Fleischer NL. Discrimination and tobacco use outcomes among US adults: Effect modification by race/ethnicity. *J Racial Ethn Health Disparities*. DOI: 10.1007/s40615-023-01527-3.
17. **Mattingly DT**, Neighbors HW, Mezuk B, Elliott MR, Fleischer NL. Racial/ethnic discrimination and tobacco and cannabis use outcomes among US adults. *J Subst Abuse Treat*. DOI: 10.1016/j.josat.2023.208958.

18. **Mattingly DT**, Agbonlahor O, Rai J, Hart JL, McLeish AC, Walker KL. Harm perceptions of secondhand e-cigarette aerosol among youth in the United States. *Addict Behav.* DOI: 10.1016/j.addbeh.2022.107535.
19. Neighbors HW, **Mattingly DT**, Johnson J, Morse K. The contribution of research to racial health equity? Blame and responsibility in navigating the status quo of anti-black systemic racism. *Soc Sci Med.* 2022;115209. DOI: 10.1016/j.socscimed.2022.115209.
20. **Mattingly DT**, Howard LC, Krueger EA, Fleischer NL, Hughes-Halbert C, Leventhal AM. Change in distress about police brutality and substance use among young people, 2017-2020. *Drug Alcohol Depend.* 2022;237:109530. DOI: 10.1016/j.drugalcdep.2022.109530.
21. **Mattingly DT**, Titus AR, Hirschtick JL, Fleischer NL. Sexual orientation discrimination and exclusive, dual, and polytobacco use among sexual minority adults in the United States. *Int J Environ Res Public Health.* 2022;19(10). DOI: 10.3390/ijerph19106305.
22. Usidame B, Hirschtick JL, **Mattingly DT**, Patel A, Patrick ME, Fleischer NL. Sociodemographic patterns of exclusive and dual combustible tobacco and e-cigarette use among US adolescents - A nationally representative study (2017-2020). *Int J Environ Res Public Health.* 2022;19(5). DOI: 10.3390/ijerph19052965.
23. Hirschtick JL, Mukerjee R, Mistry R, **Mattingly D**, Fleischer NL. Short communication: Racial/ethnic disparities in cigar and cigarette exclusive, dual, and polyuse among adults. *Addict Behav Rep.* 2022;15:100412. DOI: 10.1016/j.abrep.2022.100412.
24. **Mattingly DT**, Patel A, Hirschtick JL, Fleischer NL. Sociodemographic differences in patterns of nicotine and cannabis vaping among US adults. *Prev Med Rep.* 2022;26:101715. DOI: 10.1016/j.pmedr.2022.101715.
25. **Mattingly DT**, Zavala-Arciniega L, Hirschtick JL, Meza R, Levy DT, Fleischer NL. Trends in exclusive, dual and polytobacco use among U.S. adults, 2014-2019: Results from two nationally representative surveys. *Int J Environ Res Public Health.* 2021;18(24). DOI: 10.3390/ijerph182413092.
26. Agbonlahor O, Rai J, **Mattingly DT**, Hart JL, Walker KL. Cardiovascular disease risk perceptions and tobacco use among Appalachian youth. *Popul Med.* 2021;3(November):1-9. DOI: 10.18332/popmed/143749.
27. Riehm KE, Mojtabai R, Adams LB, Krueger EA, **Mattingly DT**, Nestadt PS, Leventhal AM. Adolescents' concerns about school violence or shootings and association with depressive, anxiety, and panic symptoms. *JAMA Netw Open.* 2021;4(11):e2132131. DOI: 10.1001/jamanetworkopen.2021.32131.
28. Usidame B, Hirschtick J, Zavala-Arciniega L, **Mattingly DT**, Patel A, Meza R, Levy DT, Fleischer NL. Exclusive and dual menthol/non-menthol cigarette use with ENDS among adults, 2013-2019. *Prev Med Rep.* 2021;24:101566. DOI: 10.1016/j.pmedr.2021.101566.
29. Mistry R, Bondarenko I, Jeon J, Brouwer AF, **Mattingly DT**, Hirschtick JL, Jimenez-Mendoza E, Levy DT, Land SR, Elliott MR, Taylor JMG, Meza R, Fleischer NL. Latent class analysis of use frequencies for multiple tobacco products in US adults. *Prev Med.* 2021;153:106762. DOI: 10.1016/j.ypmed.2021.106762.

30. **Mattingly DT**, Rai J, Agbonlahor O, Walker KL, Hart JL. Tobacco use status and temptation to try e-cigarettes among a sample of Appalachian youth. *Int J Environ Res Public Health*. 2021;18(13). DOI: 10.3390/ijerph18136755.
31. Sanchez-Romero LM, Cadham CJ, Hirschtick JL, **Mattingly DT**, Cho B, Fleischer NL, Brouwer A, Mistry R, Land SR, Jeon J, Meza R, Levy DT. A comparison of tobacco product prevalence by different frequency of use thresholds across three US surveys. *BMC Public Health*. 2021;21(1):1203. DOI: 10.1186/s12889-021-11283-w.
32. **Mattingly DT**, Hart JL, Vu TT, Walker KL. Appalachian youth e-cigarette harm perceptions and tobacco use. *Popul Med*. 2021;3. DOI: 10.18332/popmed/132120.
33. Hirschtick JL, **Mattingly DT**, Cho B, Zavala Arciniega L, Levy DT, Sanchez-Romero LM, Jeon J, Land SR, Mistry R, Meza R, Fleischer NL. Exclusive, dual, and polytobacco use among US adults by sociodemographic factors: Results from 3 nationally representative surveys. *Am J Health Promot*. 2021;35(3):377-387. DOI: 10.1177/0890117120964065.
34. **Mattingly DT**, Hirschtick JL, Meza R, Fleischer NL. Trends in prevalence and sociodemographic and geographic patterns of current menthol cigarette use among U.S. adults, 2005-2015. *Prev Med Rep*. 2020;20:101227. DOI: 10.1016/j.pmedr.2020.101227.
35. **Mattingly DT**, Fleischer NL, Colston DC, Mezuk B. Perceived racial discrimination and polysubstance use among African American and Afro-Caribbean adults: Results from the National Survey of American Life. *J Ethn Subst Abuse*. 2020:1-20. DOI: 10.1080/15332640.2020.1836700.
36. **Mattingly DT**, Hirschtick JL, Fleischer NL. Unpacking the non-Hispanic other category: Differences in patterns of tobacco product use among youth and adults in the United States, 2009-2018. *J Immigr Minor Health*. 2020;22(6):1368-1372. DOI: 10.1007/s10903-020-01089-0.
37. **Mattingly DT**, Pfeiffer JA, Walker KL, Hart JL. Sex differences in associations between receiving and sharing tobacco-related information and tobacco product use among Appalachian Youth. *Popul Med*. 2020;2(August). DOI: 10.18332/popmed/125911.
38. **Mattingly DT**, Hart JL, Wood LA, Walker KL. Sociodemographic differences in single, dual, and poly tobacco use among Appalachian youth. *Tob Prev Cessat*. 2020;6:45. DOI: 10.18332/tpc/124782.
39. **Mattingly DT**, Tompkins LK, Rai J, Sears CG, Walker KL, Hart JL. Tobacco use and harm perceptions among Appalachian youth. *Prev Med Rep*. 2020;18:101089. DOI: 10.1016/j.pmedr.2020.101089.
40. Groom AL, Vu TT, Kesh A, Hart JL, Walker KL, Giachello AL, Sears CG, Tompkins LK, **Mattingly DT**, Landry RL, Robertson RM, Payne TJ. Correlates of youth vaping flavor preferences. *Prev Med Rep*. 2020;18:101094. DOI: 10.1016/j.pmedr.2020.101094.
41. **Mattingly DT**, Pfeiffer J, Tompkins LK, Rai J, Sears CG, Walker KL, Hart JL. Associations between Appalachian youth tobacco consumption and communication channel use. *Tob Prev Cessat*. 2020;6:21. DOI: 10.18332/tpc/118234.
42. Landry RL, Groom AL, Vu TT, Stokes AC, Berry KM, Kesh A, Hart JL, Walker KL, Giachello AL, Sears CG, McGlasson KL, Tompkins LK, **Mattingly DT**, Robertson RM, Payne TJ. The role of flavors in vaping initiation and satisfaction among U.S. adults. *Addict Behav*. 2019;99:106077. DOI: 10.1016/j.addbeh.2019.106077.

43. Ma JZ, Hart JL, Walker KL, Giachello AL, Groom A, Landry RL, Tompkins LK, Vu TT, **Mattingly DT**, Sears CG, Kesh A, Hall ME, Robertson RM, Payne TJ. Perceived health risks of electronic nicotine delivery systems (ENDS) users: The role of cigarette smoking status. *Addict Behav.* 2019;91:156-163. DOI: 10.1016/j.addbeh.2018.10.044.
44. Glover LM, Ma JZ, Kesh A, Tompkins LK, Hart JL, **Mattingly DT**, Walker K, Robertson RM, Payne T, Sims M. The social patterning of electronic nicotine delivery system use among US adults. *Prev Med.* 2018;116:27-31. DOI: 10.1016/j.ypmed.2018.08.038.
45. Hart JL, Walker KL, Sears CG, Tompkins LK, Lee AS, **Mattingly DT**, Groom A, Landry R, Giachello AL, Payne TJ, Kesh A, Siu A, Smith C, Robertson RM. The 'state' of tobacco: Perceptions of tobacco among Appalachian youth in Kentucky. *Tob Prev Cessat.* 2018;4. DOI: 10.18332/tpc/81857.

### ***Publications Under Review/Revision/In Preparation***

1. Rose SW, Wiggins AT, Patel M, Liu M, Venne J, Kucherlapaty P, Schillo B, Ickes M, **Mattingly D**, Kaplan C, Rayens MK. National longitudinal risk of tobacco use among youth and young adults in US local jurisdictions with and without flavor and comprehensive smokefree policies, 2014-2019. *J Natl Cancer Inst Monogr.* Manuscript under review.
2. Mattingly DT, Rockett M, Batty E, Tillson M, Booty MD, Oser CB. Prevalence of everyday discrimination and daily illicit drug use among incarcerated adults with a history of opioid use disorder. Manuscript in preparation.
3. Booty MD, Richardson MK, **Mattingly DT**. Factors associated with handgun carriage among U.S. youth, 2021–2022. *Inj Epidemiol.* Manuscript under review.
4. Richardson MK, **Mattingly DT**, Agbonlahor O, McLeish AC, Walker KL, Hart JL. Disparities in daily anxiety symptoms and current exclusive and dual cigarette and electronic vaping product use among US adults *J Stud Alcohol Drugs.* Manuscript under review.
5. Oser C, Peng S, Traxler HK, Tillson M, Batty, E, Rockett M, Knudsen HK, Booty M, Bunting A, **Mattingly D**, Staton M. Cohort profile: The Kentucky Geographic variation in Addiction Treatment Experiences (GATE) Study, a longitudinal prospective & retrospective cohort. *BMJ Open.* Manuscript under review.
6. **Mattingly DT**, Agbonlahor O, Hart JL. Sociodemographic disparities in everyday discrimination among a national sample of US adults, 2023. *Prev Med.* Manuscript under review.
7. **Mattingly DT**, Agbonlahor O, Rose SW, Oser CB, Fleischer NL, Leventhal AM, Hart JL. Racial and ethnic disparities in discrimination distress among US youth: A preliminary analysis of 2023 National Youth Tobacco Survey data. *AJPM Focus.* Manuscript under review.
8. **Mattingly DT**, Booty MD, Agbonlahor O, Fleischer NL. Racial and ethnic discrimination and individual and co-occurring DSM-5 substance use disorders among US adults. *J Stud Alcohol Drugs.* Manuscript under review.
9. Ryu S, Patel A, Allgood KL, **Mattingly DT**, Hirschtick JL, Orellana RC, Fleischer NL. Medical mistrust and COVID-19 vaccine attitudes and behavior: Findings from a population-based cohort study in Michigan. *Vaccine: X.* Manuscript under review.

10. Agbonlahor O, **Mattingly DT**, Hart JL, McLeish AC, Walker KL. Health care provider e-cigarette-related advice and e-cigarette harm perceptions among youth. *Am J Health Promot*. Manuscript under review.

### **Data Reports**

1. Zavala-Arciniega L, Hirschtick JL, **Mattingly DT**, Patel A, Laskaris Z, Elliott MR, Fleischer NL. *Michigan COVID-19 Recovery Surveillance Study. Data Report 4: Hispanic and Non-Hispanic White Differences in Access to Care, Recovery, and the Social Impact of COVID-19*. Ann Arbor, MI. February 2022.
2. **Mattingly DT**, Patel A, Hirschtick JL, Titus A, Laskaris Z, Elliott MR, Fleischer NL. *Michigan COVID-19 Recovery Surveillance Study. Data report 2: Black-White differences in access to care, recovery, and the social impact of COVID-19*. Ann Arbor, MI. January 2021.

### **Peer-Reviewed Poetry**

1. **Mattingly DT**. The waiting room. *Anesthesiology*. 2020;132(3):598-598. DOI: 10.1097/ALN.0000000000002901.
2. **Mattingly DT**. Nights with sickle cell. *Fam Syst Health*. 2020;38(2):215-216. DOI: 10.1037/fsh0000468.
3. **Mattingly DT**. Scholarly nests. *Acad Psychiatry*. 2021;45(1):129. DOI: 10.1007/s40596-020-01214-z.

### **INVITED TALKS**

1. **UK-CARES R Group**. Social Epidemiology, Tobacco and Cannabis Control and Regulatory Science, and Health Disparities Research, October 2024. Virtual Talk.
2. **UNITE Predoctoral Retreat**. Academic Writing Panel, August 2024. Lexington, KY
3. **Kentucky State Epidemiological Outcomes Workgroup (SEOW) and Reach Evaluation**. Social Epidemiology, Tobacco Control and Regulatory Science, and Health Equity, June 2024. Frankfort, KY
4. **UNITE Research Priority Area Research Showcase**. Racial and ethnic discrimination and co-occurring substance use disorders among US adults at the intersection of race, ethnicity, and gender, April 2024. Lexington, KY
5. **Society for Research on Nicotine and Tobacco (SRNT) Health Equity Network Trainee Showcase**. Distress about social problems and tobacco and cannabis use outcomes among young adults, November 2023. Virtual Talk.
6. **Markey Cancer Center, UK Healthcare, University of Kentucky**. Social epidemiology, tobacco and cannabis regulatory science, and health equity, October 2023. Lexington, KY.
7. **Center for Health Equity Transformation, University of Kentucky College of Medicine**. Psychosocial drivers of racial/ethnic disparities in tobacco and cannabis use among youth and adults in the United States, March 2023. Lexington, KY.

8. **Center for Social Epidemiology and Population Health (CSEPH) Seminar Series, University of Michigan School of Public Health.** Change in distress about police brutality and substance use among younger people, February 2022. Virtual Talk.

**CONFERENCE PROCEEDINGS & ABSTRACTS**  
(**underlined author is student or advisee**)

***Oral Presentations***

1. Feizy S, **Mattingly D**, Ickes M, Rayens MK, Christian J, Abadi M, Rose S. Prevalence and correlates of nicotine pouch use among US youth, 2022. Abstract to be presented at the 2024 TCORS Grantee Meeting, Bethesda, Maryland, October, 2024.
2. Rose SR, Feizy S, van de Venne J, Abadi M, Balfour T, Ickes M, Christian J, Levy J, Fennell B, Roberts M, **Mattingly D**, Jayawardhana J, Rayens MK. Commercial tobacco retail marketing in rural communities in Appalachian Kentucky, 2024. Abstract to be presented at the 2024 TCORS Grantee Meeting, Bethesda, Maryland, October, 2024.
3. Feizy S, **Mattingly D**, Ickes M, Rayens MK, Christian J, Abadi M, Rose SW. The new buzz: Prevalence and correlates of nicotine pouch use among U.S. youth, 2022. Annual Research and Career Symposium, University of Kentucky's Society of Postdoctoral Scholars. Lexington, Kentucky. September, 2024.
4. **Mattingly DT**, Booty MD, Richardson MK. Factors associated with handgun carriage among US youth, 2021-2022. Abstract presented at the Interdisciplinary Association for Population Health Science Annual Meeting, St. Louis, MO, September, 2024.
5. Ryu S, Patel A, Allgood KL, **Mattingly DT**, Hirschtick JL, Orellana R, Fleischer NL. Medical mistrust and COVID-19 vaccine attitudes and behavior: Findings from a population-based cohort study in Michigan. Abstract presented at the Society for Epidemiologic Research Annual Meeting, Austin, TX, June, 2024.
6. Rose SW, Thaxton-Wiggins A, Patel M, Liu M, Venne JVD, Kucherlapaty P, Schillo B, Ickes M, **Mattingly D**, Kaplan C, Rayens MK. National longitudinal risk of tobacco use among youth and young adults in local jurisdictions with and without flavor and comprehensive smokefree policies: Implications for health equity. Abstract presented at the Society for Research on Nicotine and Tobacco 29<sup>th</sup> Annual Meeting, Edinburgh, Scotland, March 2024.
7. **Mattingly DT** & Fleischer NL. Associations between lifetime experiences of sexual orientation discrimination and past-year patterns of tobacco use among a sample of sexual minority adults in the United States. Abstract presented at the Society for Research on Nicotine and Tobacco 27<sup>th</sup> Annual Meeting (virtual due to the COVID-19 pandemic), February 2021.
8. **Mattingly DT** & Fleischer NL. Experiences of racial/ethnic discrimination and current patterns of tobacco use: The National Epidemiologic Survey on Alcohol and Related Conditions-III (NESARC-III). Abstract presented at the American Public Health Association Annual Meeting (virtual due to the COVID-19 pandemic), October 2020.

***Poster Presentations***

1. Litteral CA, Martel MM, **Mattingly D**, Moore JX. Family history density of substance use: Influence on participant substance use onset and duration. Abstract to be presented at the American Academy of Health Behavior Annual Meeting, San Diego, CA, March 2025.
2. Gray-Sinkfield A, Richardson MK, **Mattingly DT**. Lifetime depressive disorder and substance use among US adult cancer survivors. Abstract to be presented at the Annual Biomedical Research Conference for Minoritized Students, Pittsburgh, Pennsylvania, November 2024.
3. **Mattingly DT**, Agbonlahor O, Richardson MK, Hart JL. Factors associated with dual and polytobacco use among US adults, 2020-2022. Abstract to be presented at the American Public Health Association Annual Meeting, Minneapolis, Minnesota, October 2024.
4. **Mattingly DT**, Agbonlahor O, Richardson MK, Fleischer NL, Booty MD, Hart JL. Perceived racism and discrimination and current and daily tobacco use outcomes among US adolescents. Abstract to be presented at the American Public Health Association Annual Meeting, Minneapolis, Minnesota, October 2024.
5. Gray-Sinkfield A, Richardson MK, **Mattingly DT**. Lifetime depressive disorder and current substance use among US adult cancer survivors, 2022. Abstract presented at the Markey STRONG Scholars Program poster session, Lexington, Kentucky, July, 2024.
6. **Mattingly DT**, Agbonlahor O, Hart JL. Racial/ethnic disparities in daily anxiety and daily ends use among us adults: The National Health Interview Survey, 2020-2022. Abstract presented at the Society for Research on Nicotine and Tobacco 29<sup>th</sup> Annual Meeting, Edinburgh, Scotland, March 2024.
7. Agbonlahor O, **Mattingly DT**, Hart JL, McLeish C, Walker KL. Health care provider advice to abstain from using e-cigarettes and e-cigarette harm perceptions among U.S. youth. Abstract presented at the Society for Research on Nicotine and Tobacco 29<sup>th</sup> Annual Meeting, Edinburgh, Scotland, March 2024.
8. Agbonlahor O, **Mattingly DT**, Hart JL, McLeish C, Walker KL. Substance use and cardiovascular disease among U.S. adults: Findings from the National Health and Nutrition Examination Survey, 2017-2018. Abstract presented at the Society for Research on Nicotine and Tobacco 29<sup>th</sup> Annual Meeting, Edinburgh, Scotland, March 2024.
9. **Mattingly DT**, Agbonlahor O, Hart JL. Sex and racial/ethnic disparities in associations between daily depression and daily cigarette use among US adults. Abstract presented for the Emerging Scholars Plus program at the American Public Health Association Digital Meeting, November 2023.
10. **Mattingly DT**, Cook S, Hirschtick JL, Patel A, Arenberg DA, Barnes GD, Levy DT, Meza R, Fleischer NL. Longitudinal associations between exclusive, dual, and polytobacco use and asthma among US youth. Abstract presented at the National Institutes of Health (NIH) Tobacco Regulatory Science Annual Meeting (virtual), October 2022.
11. **Mattingly DT**, Mezuk B, Elliott MR, Fleischer JL. Racial/ethnic discrimination and tobacco use outcomes among US adults. Abstract presented at the Society for Epidemiologic Research Annual Meeting, Chicago, IL, June 2022.
12. **Mattingly DT**, Cook S, Hirschtick JL, Fleischer JL. Longitudinal associations between multiple tobacco product use and incident asthma among US youth. Abstract presented at the Society for Research on Nicotine and Tobacco 28<sup>th</sup> Annual Meeting, Baltimore, MD, March 2022.

13. **Mattingly DT**, Patel A, Hirschtick JL, Fleischer JL. Sociodemographic differences in patterns of nicotine and cannabis vaping among US adults. Abstract presented at the National Institutes of Health (NIH) Tobacco Regulatory Science Annual Meeting (virtual due to the COVID-19 pandemic), October 2021.
14. **Mattingly DT**, Ridner SL, Walker KL, Hart JL, Vu TT. Majority-minorities in tobacco use: Turning the tables toward cessation. Abstract presented at Southern States Communication Association Annual Meeting (virtual due to the COVID-19 pandemic), April 2021.
15. Usidame B, Hirschtick J, Arciniega LZ, **Mattingly D**, Patel A, Fleischer N. Exclusive and dual menthol and non-menthol cigarette use with ENDS among US adults, 2013-2019. Abstract presented at the Society for Research on Nicotine and Tobacco 27<sup>th</sup> Annual Meeting (virtual due to the COVID-19 pandemic), February 2021.
16. Sanchez-Romero LM, Hirschtick JL, **Mattingly D**, Cho B, Fleischer N, Brouwer A, Mistry R, Land S, Meza R, Levy DT. A comparison of three different frequency measures of nicotine delivery products. Abstract presented at the Society for Research on Nicotine and Tobacco 27<sup>th</sup> Annual Meeting (virtual due to the COVID-19 pandemic), February 2021.
17. **Mattingly DT**, Hirschtick JL, Fleischer NL. Trends in single-, dual-, and poly-tobacco use among US adults, 2014-2019: Results from two nationally representative surveys. Abstract presented at the Society for Research on Nicotine and Tobacco 27<sup>th</sup> Annual Meeting (virtual due to the COVID-19 pandemic), February 2021.
18. **Mattingly DT**, Patel A, Hirschtick JL, Fleischer NL. Proportions and correlates of marijuana vaping among adults currently using electronic nicotine products. Abstract presented at the Society for Research on Nicotine and Tobacco 27<sup>th</sup> Annual Meeting (virtual due to the COVID-19 pandemic), February 2021.
19. Usidame B, Hirschtick J, Arciniega LZ, **Mattingly D**, Patel A, Fleischer N. Exclusive and dual menthol and non-menthol cigarette use with ENDS among US adults, 2013-2019. Abstract presented at the Fall TCORS Grantee Meeting, NIH Tobacco Centers of Regulatory Science (virtual due to the COVID-19 pandemic), October 2020.
20. **Mattingly DT**, Hirschtick JL, Fleischer NL. Unpacking the non-Hispanic other category: Differences in patterns of tobacco product use among youth and adults in the United States, 2009-2018. Abstract presented at the Society for Research on Nicotine and Tobacco 26<sup>th</sup> Annual Meeting, New Orleans, LA, March 2020.
21. **Mattingly DT**, Meza R, Hirschtick JL, Fleischer NL. Prevalence and predictors of e-cigarette and menthol cigarette dual use among adults in the United States: The National Health Interview Survey, 2015. Abstract presented at the Society for Research on Nicotine and Tobacco 26<sup>th</sup> Annual Meeting, New Orleans, LA, March 2020.
22. Mistry R, Bondarenko I, Meza R, Brouwer A, **Mattingly D**, Hirschtick J, Jeon J, Cho B, Levy DT, Holford TR, Land SR, Fleischer NL. Socio-demographic differences in latent classes of tobacco use in US adults. Abstract presented at the Society for Research on Nicotine and Tobacco Annual Meeting, New Orleans, LA, March 2020.
23. **Mattingly DT**, Meza R, Hirschtick JL, Fleischer NL. Trends in prevalence and sociodemographic patterns of menthol and non-menthol cigarette use among U.S. adults, 2005-2015. Abstract

presented at the 4<sup>th</sup> Annual National Institutes of Health (NIH) Tobacco Regulatory Science Meeting, Bethesda, MD, October 2019.

24. Hart JL, Tompkins LK, Pfeiffer J, Wood L, Zachary A, Carter S, Gilkey D, **Mattingly D**, Thornsberry A, Walker KL. Growing together: Community engagement and student involvement. Abstract presented at the Southern States Communication Association Annual Meeting, Montgomery, AL, April 2019.
25. Hart JL, Walker KL, Tompkins LK, Zachary A, Wood L, **Mattingly DT**, Pfeiffer J. Environmental health: Engaging a community in research, partnership, and practice. Abstract presented at the Kentucky Communication Association Conference, Prestonsburg, KY, September 2018.
26. **Mattingly DT**, Tompkins LK, Rai J, Sears CG, Walker KL, & Hart JL. Tobacco use and communication channel preferences among Appalachian youth. Abstract presented at the 3<sup>rd</sup> Annual National Institutes of Health (NIH) Tobacco Regulatory Science Meeting, Bethesda, MD, June 2018.
27. **Mattingly DT**, Tompkins LK, Rai J, Sears CG, Walker KL, & Hart JL. Tobacco use and communication channel preferences among Appalachian youth. Abstract presented at the Society for Epidemiologic Research Annual Conference, Bethesda, MD, June 2018.
28. **Mattingly DT**, Tompkins LK, Rai J, Sears CG, Walker KL, & Hart JL. Tobacco use and communication channel preferences among Appalachian youth. Abstract presented at the Society for Pediatric and Perinatal Epidemiologic Research Annual Conference, Baltimore, MD, June 2018.
29. Vu TT, Hart JL, Walker KL, Landry R, Groom A, Sears CG, Tompkins LK, **Mattingly DT**, Kesh A, Giachello AL, Payne TJ. Age differences in patterns of use, health knowledge, perceptions, and intention to quit among current e-cigarette users. *Circulation*, 137, AP103. Abstract presented at the EPI Lifestyle Scientific Sessions, New Orleans, LA, March 2018.
30. **Mattingly DT**, Tompkins LK, Sears CG, Walker KL, Hart JL. Youth tobacco users perceive less e-cig harm. *Circulation*, 137, AP087. Abstract presented at the EPI Lifestyle Scientific Sessions, New Orleans, LA, March 2018.
31. **Mattingly DT**, Chea T, Cockrell R, Farley G, Christian C, Neal RE. Prevalence and correlates of tobacco and ENDS product use among young adult, university students of Louisville, Kentucky: the 2017 SPOTS Survey. Abstract presented at the Graduate Student Regional Research Conference, Louisville, KY, March 2018.
32. Tompkins LK, Sears CG, Walker KL, **Mattingly DT**, Hart JL. Knowledge of tobacco-related cardiovascular disease risks: A study of Appalachian youth. Abstract presented at the 2018 American Academy of Health Behavior, Portland, OR, March 2018.
33. Ma JZ, Hart JL, Walker KL, Giachello AL, Groom A, Landry RL, Tompkins LK, Vu TT, **Mattingly DT**, Sears CG, Kesh A, Robertson RM, Payne TJ. Characterization of current adult ENDS users by cigarette smoking status. Abstract presented at the Society for Research on Nicotine and Tobacco 24<sup>th</sup> Annual Meeting, Baltimore, MD, February 2018.
34. Hart JL, Walker KL, Sears CG, Tompkins LK, **Mattingly DT**, Groom A, Landry R, Giachello AL, Payne TJ, Lee AS, Kesh A, Siu A, Smith C, Robertson RM. The 'state' of tobacco: Perceptions of tobacco among Appalachian youth in Kentucky. Abstract presented at the Society for Research on Nicotine and Tobacco 24<sup>th</sup> Annual Meeting, Baltimore, MD, February 2018.

35. Vu TT, Hart JL, Walker KL, Landry R, Groom A, Sears CG, Tompkins LK, **Mattingly DT**, Kesh A. Age differences in patterns of use, health knowledge, perception of e-cigarettes and intention to quit among current e-cigarette users. Abstract presented at the 2<sup>nd</sup> Annual National Institutes of Health (NIH) Tobacco Regulatory Science Meeting, Bethesda, MD, October 2017.
36. Stokes A, McGlasson KL, Groom A, Landry RL, Vu TT, Hart JL, Walker KL, Payne TJ, Giachello AL, Sears CG, Kesh A, Tompkins LK, **Mattingly DT**, Robertson RM. The role of flavors in e-cigarette uptake and use patterns: Results from a survey of US adults. Abstract presented at the 2<sup>nd</sup> Annual National Institutes of Health (NIH) Tobacco Regulatory Science Meeting, Bethesda, MD, October 2017.
37. **Mattingly DT**, Tompkins LK, Sears CG, Walker KL, Hart JL. Tobacco use and harm perceptions among Appalachian youth. Abstract presented at the 2<sup>nd</sup> Annual National Institutes of Health (NIH) Tobacco Regulatory Science Meeting, Bethesda, MD, October 2017.
38. Ma JZ, Hart JL, Walker KL, Giachello AL, Groom A, Landry RL, Tompkins LK, Vu TT, **Mattingly DT**, Sears CG, Kesh A, Robertson RM, Payne TJ. Characterization of current adult ENDS users by cigarette smoking status. Abstract presented at the 2<sup>nd</sup> Annual National Institutes of Health (NIH) Tobacco Regulatory Science Meeting, Bethesda, MD, October 2017.
39. **Mattingly DT**, Tompkins LK, Sears CG, Walker KL, Hart JL. Tobacco communication, tobacco culture: Celebrating successes and examining shortcomings. Abstract presented at the Kentucky Communication Association Annual Meeting, Carrollton, KY, September 2017.
40. Heitz AE, Boone SD, **Mattingly DT**, Baumgartner RN, Baumgartner KB. Healthy lifestyle impact on breast cancer-specific and all-cause mortality. Abstract presented at the Posters-at-the-Capitol Annual Meeting, Frankfort, KY, March 2016.
41. **Mattingly DT**, Boone SD, Heitz AE, Baumgartner KB, Baumgartner RN. Health behaviors and breast cancer risk in non-Hispanic white & Hispanic women. Abstract presented at the University of Louisville “Research!Louisville” conference, Louisville, KY, October 2016.

### MEDIA CONTRIBUTIONS

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| 2024 | The Guardian. Cannabis use falls among US teenagers but rises among everyone else – study. Article, New York, New York. Interviewer: Hannah Harris Green.<br><a href="https://www.theguardian.com/society/article/2024/sep/07/cannabis-use-survey-teenagers">https://www.theguardian.com/society/article/2024/sep/07/cannabis-use-survey-teenagers</a>     |
| 2024 | Healio Pediatrics. <i>Study: Youth e-cigarette use peaked in 2019</i> . Article, Thorofare, New Jersey. Interviewer: Rose Weldon. <a href="https://www.healio.com/news/pediatrics/20240205/study-youth-ecigarette-use-peaked-in-2019">https://www.healio.com/news/pediatrics/20240205/study-youth-ecigarette-use-peaked-in-2019</a>                        |
| 2023 | American Psychiatric Association, Psychiatric News. <i>Teen Psychological Distress Linked to Recent Cannabis Vaping</i> . Article, Washington, D.C. Interviewer: Mark Moran.<br><a href="https://psychnews.psychiatryonline.org/doi/10.1176/appi.pn.2024.01.12.27">https://psychnews.psychiatryonline.org/doi/10.1176/appi.pn.2024.01.12.27</a>            |
| 2023 | American Psychiatric Association, Psychiatric News. <i>Over 60% of Youth Who Vape Cannabis Report Psychological Distress</i> . Article, Washington, D.C. Interviewer: Mark Moran.<br><a href="https://alert.psychnews.org/2023/10/over-60-of-youth-who-vape-cannabis.html">https://alert.psychnews.org/2023/10/over-60-of-youth-who-vape-cannabis.html</a> |

- 2023 Center for the Assessment of Tobacco Regulations, University of Michigan and Georgetown University. Featured Trainee: CAsToR Alumnus: Delvon Mattingly, PhD. Ann Arbor, MI. [https://www.youtube.com/watch?v=hY\\_wpUXKARk](https://www.youtube.com/watch?v=hY_wpUXKARk)
- 2021 University of Michigan Rackham Graduate School, Discover Rackham. *Unequal Treatment: New research led by Rackham public health Ph.D. student Delvon Mattingly shows Black COVID-19 patients in Michigan have nearly double the number of hospital stays and worse experiences with testing and care than their white counterparts.* Article, Ann Arbor, MI. Interviewer: James Dau. <https://rackham.umich.edu/discover-rackham/unequal-treatment/>
- 2021 Michigan Chronicle. *Surviving Sickness and Stigma: Black Michigan COVID-19 Survivors Suffer Worse Outcomes than Others.* Article, Detroit, MI. Interviewer: Sherri Kolade. <https://michiganchronicle.com/2021/03/11/surviving-sickness-and-stigma-black-michigan-covid-19-survivors-suffer-worse-outcomes-than-others/>
- 2021 Lansing State Journal. *UM study details coronavirus inequities for Black Michiganders who survive COVID-19.* Article, Lansing, MI. <https://www.lansingstatejournal.com/story/news/2021/03/08/michigan-black-white-covid-19-disparities-survivors-university-michigan-survey/6834498002/>
- 2021 WDET, Detroit's NPR Station. *University of Michigan Study Highlights COVID-19-Related Racial Health Disparities.* Article, Detroit, MI. Interviewer: Alex McLenon. <https://wdet.org/2021/02/09/university-of-michigan-study-highlights-covid-19-related-racial-health-disparities/>
- 2019 University of Michigan School of Public Health, Michigan Public Health News Center. *Upcoming Project to Research Link Between Tobacco Use and Discrimination: Q&A with Delvon Mattingly.* Article, Ann Arbor, MI. <https://sph.umich.edu/news/2019posts/research-link-between-tobacco-use-and-discrimination.html>
- 2018 University of Louisville School of Public Health & Information Sciences. *Students present epidemiology research at two summer conferences.* Article, Louisville, KY. <https://louisville.edu/sphis/news/students-present-epidemiology-research-at-two-summer-conferences>
- 2018 University of Louisville School of Public Health and Information Sciences. *Public Health Student Discusses Unique Research Program, Epidemiology Interests.* Article, Louisville, KY. Interviewer: Julie Heflin. <https://louisville.edu/sphis/news/public-health-student-discusses-unique-research-program-epidemiology-interests>

### HONORS, AWARDS, & SCHOLARSHIPS

- 2024 Article selected by journal for its significance and impact as a feature for World No Tobacco Day: Mattingly DT, Rai J, Agbonlahor O, Walker KL, Hart JL (2021). Tobacco use status and temptation to try e-cigarettes among a sample of Appalachian youth, *International Journal of Environmental Research and Public Health*, 18, 6755.
- 2024 Early-Stage Investigator Scholar, Helping Everyone Achieve a Lifetime of Health—Future Addiction Scientists Training (HEALTH-FAST), National Institute on Drug Abuse, National Institutes of Health (R25DA054015; MPIs: Obasi and Reitzel)
- 2024 National Institute on Drug Abuse Diversity Scholars Travel Award, Office of Research Training, Diversity, and Disparities (ORTDD), National Institute on Drug Abuse, National Institutes of Health

2022 Rackham Conference Travel Grant, University of Michigan, Ann Arbor, MI  
2022 Harburg Student Award for Excellence in Social Epidemiology, Center for Social Epidemiology and Population Health, Department of Epidemiology, University of Michigan, Ann Arbor, MI  
2019 Rackham Conference Travel Grant, University of Michigan, Ann Arbor, MI  
2019 Institute for Social Research Rackham Summer Training Award, University of Michigan, Ann Arbor, MI  
2019 Rackham Professional Development Grant, University of Michigan, Ann Arbor, MI  
2018 Rackham Merit Fellowship, University of Michigan, Ann Arbor, MI  
2018 University of Louisville School of Public Health & Information Sciences Travel Scholarship Recipient, University of Louisville, Louisville, KY  
2016 National Cancer Institute R25 Cancer Education Program 1<sup>st</sup> Place Award for Best Research and Presentation, University of Louisville, Louisville, KY  
2016 National Cancer Institute R25 Cancer Education Program Grant, University of Louisville, Louisville, KY  
2016 Department of Epidemiology & Population Health Scholarship, University of Louisville, Louisville, KY  
2016 Outstanding Undergraduate Capstone Project Award, University of Louisville, Louisville, KY  
2015 Public Health Merit Scholarship, University of Louisville, Louisville, KY  
2015 Public Health John Snow Scholarship, University of Louisville, Louisville, KY

## **PROFESSIONAL ACTIVITIES**

### ***Scientific and Public Health Communities***

2024-Present Editorial Board, Scientific Reports  
2022-Present Abstract Reviewer, American Public Health Association Annual Meeting  
2021 Abstract Reviewer, National Institutes of Health Tobacco Regulatory Science Annual Meeting (virtual due to the COVID-19 pandemic)  
2020-Present Abstract Reviewer, Society for Research on Nicotine and Tobacco 27<sup>th</sup> Annual Meeting (virtual due to the COVID-19 pandemic)  
2019 Abstract Reviewer, Society for Research on Nicotine and Tobacco 26<sup>th</sup> Annual Meeting  
Poster Judge, 2019 MPH Poster Session, Department of Epidemiology, University of Michigan School of Public Health  
2018 Poster Judge, 2018 MPH Poster Session, Department of Epidemiology, University of Michigan School of Public Health

### ***University of Kentucky***

2024 Reviewer, Center for Clinical and Translational Science Substance Use Disorder Pilot Grants Program, University of Kentucky  
2023-Present Member, United in True Racial Equity Research Priority Area, University of Kentucky  
2023-Present Member, Substance Use Research Priority Area, University of Kentucky  
2023-Present Member, Markey Cancer Center Cancer Prevention and Control Program, University of Kentucky College of Medicine  
2023-Present Member, Center for Health Equity Transformation Research Committee, University of Kentucky College of Medicine

### ***University of Michigan***

2020-2021	Student Ally, Diversity, Equity, and Inclusion (DEI) Committee, Department of Epidemiology, University of Michigan School of Public Health
2019-2020	Graduate Employee Organization Representative, Epidemiology Doctoral Student Organization, University of Michigan School of Public Health
2019-2020	Professional Development Chair, Public Health Students of African Descent (PHSAD), University of Michigan School of Public Health
2018-2019	Social Relations Committee Member on Sexperteam, University Health Service, University of Michigan School of Public Health

### ***Memberships in Professional Societies***

2024-Present	Interdisciplinary Association for Population Health Science (IAPHS)
2020-Present	American Public Health Association (APHA)
2020-Present	Society for Research on Nicotine and Tobacco (SRNT)
2018-Present	Society for Epidemiologic Research (SER)
2018-2019	Society for Pediatric and Perinatal Epidemiologic Research (SPER)

### ***Manuscript Reviews***

Addictive Behaviors; Addictive Behaviors Reports; Addiction Science & Clinical Practice; Alcohol and Alcoholism; American Journal of Preventive Medicine; BMC Public Health; Health Services Research; Healthcare; International Journal of Adolescence and Youth; International Journal of Environmental Research and Public Health; JMIR Formative Research, Journal of Racial and Ethnic Health Disparities; Scientific Reports; Medical Principles and Practice; Nicotine & Tobacco Research; Pediatrics; Preventive Medicine; Preventive Medicine Reports; Social Science & Medicine; Substance Use & Misuse; Sustainability; The American Journal on Addictions; Tobacco Induced Diseases; Tobacco Prevention & Cessation; World Journal of Pediatrics

## **CERTIFICATIONS**

2019	Empirical Implications of Theoretical Models (EITM) Certification, Institute for Social Research, University of Michigan, Ann Arbor, Michigan.
2016	Teaching English as a Foreign Language (TEFL) Certification (150 Hours), University of Toronto, Toronto, Canada.