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CURRICULUM VITAE

Delvon T. Mattingly, Ph.D.
Assistant Professor, Research Title Series
Department of Behavioral Science
Center for Health Equity Transformation
Markey Cancer Center
University of Kentucky College of Medicine



I. GENERAL INFORMATION

Office Address 760 Press Avenue
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University of Kentucky
Lexington, KY 40536-0679

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Research Certification

011/2019-Present	Institute for Social Research, University of Michigan Empirical Implications of Theoretical Models (EITM)
07/2023-Present	University of Kentucky Collaborative Institutional Training Initiative Responsible Conduct of Research Completion Certificate (ID 57158396)
08/2023-Present	Human Research – Group 2 Social/Behavioral Investigators and Key Personnel (ID 57370369)

II. EDUCATION

Undergraduate

University of Louisville
Louisville, KY
08/2014-05/2016 BS, Public Health, *summa cum laude*

Professional/Graduate

08/2016-08/2018 **University of Louisville**
Louisville, KY
MS, Epidemiology

09/2018-04/2023 **University of Michigan – Ann Arbor**
Ann Arbor, MI
PhD, Epidemiological Science

III. PROFESSIONAL EXPERIENCES

08/2017-05/2018 **University of Louisville**
Louisville, KY
Graduate Research Assistant, Department of Communication

09/2018-06/2023 **University of Michigan**
Ann Arbor, MI
Graduate Student Research Assistant, Department of Epidemiology

IV. ACADEMIC APPOINTMENTS

Faculty

07/2023-Present **University of Kentucky, Department of Behavioral Science, College of Medicine**
Lexington, KY
Assistant Professor, Research Title Series

07/2023-Present **University of Kentucky, Center for Health Equity Transformation, College of Medicine**
Lexington, KY
Faculty, Center for Health Equity Transformation

07/2023-Present **University of Kentucky, Markey Cancer Center**
Lexington, KY
Member, Markey Cancer Center Cancer Prevention and Control Program

07/2023-Present **University of Kentucky**
Lexington, KY
Member, Substance Use Research Priority Area

07/2023-Present **University of Kentucky**
Lexington, KY
Member, United in True Racial Equity Research Priority Area

VIII. ADVISING ACTIVITIES

Thesis & Dissertation

University of Kentucky
Lexington, KY
03/2024-Present Dissertation committee, Maggie K. Richardson, Department of Educational, School, & Counseling Psychology, PhD in School Psychology

IX. ADMINISTRATIVE ACTIVITIES & UNIVERSITY SERVICE

University of Michigan

Administration
2020-2021 Student Ally, Diversity, Equity, and Inclusion Committee

Education & Research
2019-2020 Graduate Employee Organization Representative, Epidemiology Doctoral Student Organization
2019-2020 Professional Development Chair, Public Health Students of African Descent
2018-2019 Sexperteam Social Relations Committee Member, University Health Service

University of Kentucky

Administration
2023-present Member, Center for Health Equity Transformation Research Committee
2023-present Member, Faculty Search Committee, College of Medicine, Department of Behavioral Science

Education & Research
2024 Reviewer, Center for Clinical and Translational Science Substance Use Disorder Pilot Grants Program

XI. HONORS & AWARDS

2015 Public Health John Snow Scholarship, University of Louisville
2015 Public Health Merit Scholarship, University of Louisville
2016 Outstanding Undergraduate Capstone Project Award, University of Louisville

- 2016 Epidemiology & Population Health Scholarship, University of Louisville
- 2016 National Cancer Institute R25 Cancer Education Program Award,
University of Louisville
- 2016 National Cancer Institute R25 Cancer Education Program 1st Place Award
for Best Research and Presentation, University of Louisville
- 2018 Travel Scholarship, University of Louisville School of Public Health and
Information Sciences
- 2018 Rackham Merit Fellowship, University of Michigan – Ann Arbor
- 2019 Rackham Professional Development Grant, University of Michigan – Ann
Arbor
- 2019 Institute for Social Research Rackham Summer Training Award,
University of Michigan – Ann Arbor
- 2019 Rackham Conference Travel Grant, University of Michigan – Ann Arbor
- 2022 Harburg Student Award for Excellence in Social Epidemiology, Center for
Social Epidemiology and Population Health (CSEPH), Department of
Epidemiology, University of Michigan – Ann Arbor
- 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
- 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 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.

XII. PROFESSIONAL ACTIVITIES, PUBLIC SERVICE & PROFESSIONAL DEVELOPMENT

Memberships

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

Positions Held

National/International

	Society for Research on Nicotine and Tobacco (SRNT)
2023-present	Member, Health Equity Network
	American Public Health Association (APHA)
2023-present	Member, Epidemiology Section
2023-present	Member, Alcohol, Tobacco and Other Drugs (ATOD) Section

Review Panels

	Society for Research on Nicotine and Tobacco (SRNT)
2020-present	Abstract Review, Annual Meeting
	American Public Health Association (APHA)
2022-present	Abstract Review, Annual Meeting
	Scientific Reports, Springer Nature
2024-present	Editorial Board

Journal Peer-Reviewing

2021	Healthcare, MDPI
2021	International Journal of Environmental Research and Public Health, MDPI
2021	Sustainability, MDPI
2021	Tobacco Induced Diseases, European Publishing
2021-2022	BMC Public Health, BMC part of Springer Nature
2021-2022	Nicotine & Tobacco Research, Oxford University Press
2021-2022	Substance Use & Misuse, Taylor & Francis Online
2022	American Journal of Preventive Medicine, Elsevier
2022	Health Services Research, Wiley Online Library
2022	Scientific Reports, Springer Nature
2022	Preventive Medicine, Elsevier
2022	Preventive Medicine Reports, Elsevier
2023-2024	Alcohol and Alcoholism, Oxford University Press
2023-2024	Addictive Behaviors, Elsevier
2023-2024	Addictive Behaviors Reports, Elsevier
2023-2024	Addiction Science & Clinical Practice, BMC part of Springer Nature

2023-2024 International Journal of Adolescence and Youth, Taylor & Francis Online
 2023-2024 Journal of Racial and Ethnic Health Disparities, Springer
 2023-2024 The American Journal on Addictions, Wiley Online Library
 2024 World Journal of Pediatrics, Springer
 2024 Social Science & Medicine, Elsevier
 2024 JMIR Formative Research, JMIR Publications
 2024 Tobacco Prevention & Cessation, European Publishing
 2024 Medical Principles and Practice, Karger Publishers

Media Contributions

University of Louisville School of Public Health and Information Sciences

2018 *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>

University of Louisville School of Public Health and Information Sciences

2018 *Students present epidemiology research at two summer conferences*, Article, Louisville, KY.
<https://louisville.edu/sphis/news/students-present-epidemiology-research-at-two-summer-conferences>

University of Michigan School of Public Health

2019 *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>

WDET, Detroit's NPR Station

2021 *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/>

Lansing State Journal

2021 *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/>

Michigan Chronicle

- 2021 *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 **University of Michigan Rackham Graduate School**
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/>
- 2023 **Center for the Assessment of Tobacco Regulations, University of Michigan and Georgetown University**
Featured Trainee, Recorded Interview, Ann Arbor, MI.
https://www.youtube.com/watch?v=hY_wpUXKARK
- 2023 **American Psychiatric Association, Psychiatric News**
Over 60% of Youth Who Vape Cannabis Report Psychological Distress, Article, Washington, D.C., Interviewer: Mark Moran.
<https://alert.psychnews.org/2023/10/over-60-of-youth-who-vape-cannabis.html>
- 2023 **American Psychiatric Association, Psychiatric News**
Teen Psychological Distress Linked to Recent Cannabis Vaping, Article, Washington, D.C., Interviewer: Mark Moran.
<https://psychnews.psychiatryonline.org/doi/10.1176/appi.pn.2024.01.12.27>
- 2024 **Healio Pediatrics**
Study: Youth e-cigarette use peaked in 2019, Article, Thorofare, New Jersey, Interviewer: Rose Weldon.
<https://www.healio.com/news/pediatrics/20240205/study-youth-ecigarette-use-peaked-in-2019>

Professional Development

- 05/2016 **University of Toronto**
Virtual Course
Teaching English as a Foreign Language (TEFL)
- 02/2017 **Commonwealth of Kentucky, Cabinet for Health and Family Services, Department for Public Health**
Virtual Course
Fundamentals of HIV Prevention Counseling

02/2017 HIV/AIDS Professional Education in KY ... Making it Count

Emergency Management Institute
Virtual Course

11/2017 National Incident Management System (NIMS): An Introduction
11/2017 Introduction to Incident Command System

Epidemiology and Population Health Summer Institute at Columbia University
Virtual Workshop

05/2019-06/2019 Analysis of Complex Survey Data

Inter-University Consortium for Political and Social Research (ICPSR) Summer Program in Quantitative Methods of Social Research
Ann Arbor, MI

06/2019-07/2019 Regression Analysis II: Linear Models
06/2019-07/2019 Categorical Data Analysis
08/2020 Longitudinal Data Analysis, Including Categorical Outcomes

Society for Research on Nicotine and Tobacco (SRNT)
Virtual Seminar

05/2020 Tobacco and Cannabis Co-Use in Adults

Statistical Horizons
Virtual Workshop

04/2021-05/2021 Survival Analysis

Michigan Center for Urban African American Aging Research (MCUAAAR) and Program for Research on Black Americans
Virtual Workshop

06/2021 Summer Mentoring Workshop for Advanced Doctoral Students

Stats Camp Foundation
Virtual Workshop

06/2021 Applied Latent Class Analysis & Finite Mixture Modeling

Inter-University Consortium for Political and Social Research (ICPSR) Summer Program in Quantitative Methods of Social Research
Virtual Course

07/2021 Latent Class, Latent Profile, and Latent Transition Analysis

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

07/2022 Successful Scientific Writing
07/2022 Simulation Modeling of Tobacco Use, Health effects and Policy Impacts

Population Dynamics and Health Program, Institute for Social Research, University of Michigan
Virtual Workshop
11/2022 Applied Multilevel Models

The Irsay Summer Institute, Indiana University
Virtual Short Workshop
07/2023 Egocentric Network Analysis

Episummer @ Columbia
Virtual Short Workshop
06/2024 Introduction to R for Epidemiologists

Episummer @ Columbia
Virtual Short Workshop
06/2024 Epidemiology of Police Violence

Statistical Horizons
Virtual Short Workshop
07/2024 Structural Equation Modeling: Part 1

XIII. SPEAKING ENGAGEMENTS

Local

Center for Health Equity Transformation, University of Kentucky College of Medicine
Lexington, KY
03/2023 Invited talk: “Psychosocial drivers of racial/ethnic disparities in tobacco and cannabis use among youth and adults in the United States”

Markey Cancer Center, UK Healthcare, University of Kentucky
Lexington, KY
10/2023 Invited talk: “Social epidemiology, tobacco and cannabis regulatory science, and health equity”

UNITE Research Priority Area Research Showcase, University of Kentucky
Lexington, KY
04/2024 Invited talk: “Racial and ethnic discrimination and co-occurring substance use disorders among US adults at the intersection of race, ethnicity, and gender”

Kentucky State Epidemiological Outcomes Workgroup (SEOW) and Reach Evaluation

Frankfort, KY

06/2024

Invited talk: “Social Epidemiology, Tobacco Control and Regulatory Science, and Health Equity”

UNITE Predoctoral Retreat

Lexington, KY

08/2024

Served on an Academic Writing Panel

State/Regional

Center for Social Epidemiology and Population Health (CSEPH) Seminar Series, University of Michigan School of Public Health

Ann Arbor, MI

02/2022

Invited talk: “Change in distress about police brutality and substance use among younger people”

National/International

Society for Research on Nicotine and Tobacco (SRNT) Health Equity Network Trainee Showcase

Virtual

11/2023

Invited talk: “Distress about social problems and tobacco and cannabis use outcomes among young adults”

XIV. RESEARCH & INTELLECTUAL CONTRIBUTIONS

A. PUBLICATIONS

Peer-Reviewed Original Research in Professional, Scientific or Educational Journals

1. 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.
2. 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.
3. 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.

4. 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.
5. **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.
6. **Mattingly DT**. The waiting room. *Anesthesiology.* 2020;132(3):598-598. DOI: 10.1097/ALN.0000000000002901.
7. 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.
8. **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.
9. **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.
10. **Mattingly DT**. Nights with sickle cell. *Fam Syst Health.* 2020;38(2):215-216. DOI: 10.1037/fsh0000468.
11. **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.
12. **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.
13. **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.
14. **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.

15. 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.
16. **Mattingly DT**. Scholarly nests. *Acad Psychiatry.* 2021;45(1):129. DOI: 10.1007/s40596-020-01214-z.
17. **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.
18. 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.
19. **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.
20. 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
21. 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.
22. 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.
23. 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.
24. **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.
25. **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.

26. 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.
27. 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.
28. **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.
29. **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.
30. 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.
31. **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.
32. **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.
33. **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.
34. **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.
35. Patel A, Hirschtick JL, Cook S, **Mattingly DT**, Zavala-Arcinega 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.
36. **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.

37. 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.
38. **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.
39. 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.
40. 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.
41. **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.
42. **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.
43. 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.
44. **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.
45. **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.2023.100196.
46. **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.
47. 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

Non-Peer-Reviewed Articles, Editorials, Reviews in Professional, Scientific or Educational Journals

1. **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. https://sph.umich.edu/mi-cress/reports/jan_2021_report.html
2. 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. https://sph.umich.edu/mi-cress/reports/feb_2022_hispanic_report.html

XIV. RESEARCH & INTELLECTUAL CONTRIBUTIONS - *continued*

B. ABSTRACT PRESENTATIONS

Local/State/Regional Meetings

1. October 2016. **Mattingly DT**, Boone SD, Heitz AE, Baumgartner KB, Baumgartner RN. Health behaviors and breast cancer risk in non-Hispanic white & Hispanic women. “Research!Louisville” conference. Louisville, KY. Poster presentation.
2. March 2016. Heitz AE, Boone SD, **Mattingly DT**, Baumgartner RN, Baumgartner KB. Healthy lifestyle impact on breast cancer-specific and all-cause mortality. Posters-at-the-Capitol Annual Meeting. Frankfort, KY. Poster presentation.
3. September 2017. **Mattingly DT**, Tompkins LK, Sears CG, Walker KL, Hart JL. Tobacco communication, tobacco culture: Celebrating successes and examining shortcomings. Kentucky Communication Association Annual Meeting. Carrollton, KY. Poster presentation.
4. March 2018. **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. Graduate Student Regional Research Conference. Louisville, KY. Poster presentation.
5. September 2018. Hart JL, Walker KL, Tompkins LK, Zachary A, Wood L, **Mattingly DT**, Pfeiffer J. Environmental health: Engaging a community in research, partnership, and practice. Kentucky Communication Association Conference. Prestonsburg, KY. Poster presentation.
6. April 2019. Hart JL, Tompkins LK, Pfeiffer J, Wood L, Zachary A, Carter S, Gilkey D, **Mattingly D**, Thornsbury A, Walker KL. Growing together: Community engagement and student involvement. Southern States Communication Association Annual Meeting. Montgomery, AL. Poster presentation.

7. April 2021. **Mattingly DT**, Ridner SL, Walker KL, Hart JL, Vu TT. Majority-minorities in tobacco use: Turning the tables toward cessation. Southern States Communication Association Annual Meeting. Virtual due to the COVID-19 pandemic. Poster presentation.

National/International Meetings

1. October 2017. 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. Annual National Institutes of Health (NIH) Tobacco Regulatory Science Meeting, Bethesda, MD. Poster presentation.
2. October 2017. **Mattingly DT**, Tompkins LK, Sears CG, Walker KL, Hart JL. Tobacco use and harm perceptions among Appalachian youth. Annual National Institutes of Health (NIH) Tobacco Regulatory Science Meeting, Bethesda, MD. Poster presentation.
3. October 2017. 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. Annual National Institutes of Health (NIH) Tobacco Regulatory Science Meeting, Bethesda, MD. Poster presentation.
4. October 2017. 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. Annual National Institutes of Health (NIH) Tobacco Regulatory Science Meeting, Bethesda, MD. Poster presentation.
5. February 2018. 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. Society for Research on Nicotine and Tobacco Annual Meeting. Baltimore, MD. Poster presentation.
6. February 2018. 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. Society for Research on Nicotine and Tobacco Annual Meeting. Baltimore, MD. Poster presentation.
7. March 2018. Tompkins LK, Sears CG, Walker KL, **Mattingly DT**, Hart JL. Knowledge of tobacco-related cardiovascular disease risks: A study of Appalachian youth. American Academy of Health Behavior. Portland, OR. Poster presentation.
8. March 2018. **Mattingly DT**, Tompkins LK, Sears CG, Walker KL, Hart JL. Youth tobacco users perceive less e-cig harm. EPI Lifestyle Scientific Sessions. New Orleans, LA. Poster presentation.
9. March 2018. 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. EPI Lifestyle Scientific Sessions. New Orleans, LA. Poster presentation.

10. June 2018. **Mattingly DT**, Tompkins LK, Rai J, Sears CG, Walker KL, & Hart JL. Tobacco use and communication channel preferences among Appalachian youth. Society for Pediatric and Perinatal Epidemiologic Research Annual Conference. Baltimore, MD. Poster presentation.
11. June 2018. **Mattingly DT**, Tompkins LK, Rai J, Sears CG, Walker KL, & Hart JL. Tobacco use and communication channel preferences among Appalachian youth. Society for Epidemiologic Research Annual Conference. Bethesda, MD. Poster presentation.
12. June 2018. **Mattingly DT**, Tompkins LK, Rai J, Sears CG, Walker KL, & Hart JL. Tobacco use and communication channel preferences among Appalachian youth. Annual National Institutes of Health (NIH) Tobacco Regulatory Science Meeting. Bethesda, MD. Poster presentation.
13. October 2019. **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. Annual National Institutes of Health (NIH) Tobacco Regulatory Science Meeting. Bethesda, MD. Poster presentation.
14. March 2020. 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. Society for Research on Nicotine and Tobacco Annual Meeting. New Orleans, LA. Poster presentation.
15. March 2020. **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. Society for Research on Nicotine and Tobacco Annual Meeting. New Orleans, LA. Poster presentation.
16. March 2020. **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. Society for Research on Nicotine and Tobacco Annual Meeting. New Orleans, LA. Poster presentation.
17. October 2020. 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. Fall TCORS Grantee Meeting, NIH Tobacco Centers of Regulatory Science. Virtual due to the COVID-19 pandemic. Poster presentation.
18. February 2021. **Mattingly DT**, Patel A, Hirschtick JL, Fleischer NL. Proportions and correlates of marijuana vaping among adults currently using electronic nicotine products. Society for Research on Nicotine and Tobacco Annual Meeting. Virtual due to the COVID-19 pandemic. Poster presentation.

19. February 2021. **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. Society for Research on Nicotine and Tobacco Annual Meeting. Virtual due to the COVID-19 pandemic. Poster presentation.
20. February 2021. 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. Society for Research on Nicotine and Tobacco Annual Meeting. Virtual due to the COVID-19 pandemic. Poster presentation.
21. February 2021. 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. Society for Research on Nicotine and Tobacco Annual Meeting. Virtual due to the COVID-19 pandemic. Poster presentation.
22. October 2021. **Mattingly DT**, Patel A, Hirschtick JL, Fleischer JL. Sociodemographic differences in patterns of nicotine and cannabis vaping among US adults. National Institutes of Health (NIH) Tobacco Regulatory Science Annual Meeting. Virtual due to the COVID-19 pandemic. Poster presentation.
23. March 2022. **Mattingly DT**, Cook S, Hirschtick JL, Fleischer JL. Longitudinal associations between multiple tobacco product use and incident asthma among US youth. Society for Research on Nicotine and Tobacco Annual Meeting. Baltimore, MD. Poster presentation.
24. June 2022. **Mattingly DT**, Mezuk B, Elliott MR, Fleischer JL. Racial/ethnic discrimination and tobacco use outcomes among US adults. Society for Epidemiologic Research Annual Meeting. Chicago, IL. Poster presentation.
25. October 2022. **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. National Institutes of Health (NIH) Tobacco Regulatory Science Annual Meeting. Virtual. Poster presentation.
26. November 2023. **Mattingly DT**, Agbonlahor O, Hart JL. Sex and racial/ethnic disparities in associations between daily depression and daily cigarette use among US adults. Emerging Scholars Plus program at the American Public Health Association Digital Meeting. Oral presentation.
27. March 2024. **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. Society for Research on Nicotine and Tobacco 29th Annual Meeting, Edinburgh, Scotland. Poster presentation.
28. March 2024. 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. Society for Research on Nicotine and Tobacco 29th Annual Meeting, Edinburgh, Scotland. Poster presentation.

29. March 2024. 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. Society for Research on Nicotine and Tobacco 29th Annual Meeting, Edinburgh, Scotland. Poster presentation.
30. March 2024. 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. Society for Research on Nicotine and Tobacco 29th Annual Meeting, Edinburgh, Scotland, March 2024. Oral presentation.
31. Gray-Sinkfield A, Richardson MK, **Mattingly DT**. Lifetime depressive disorder and current substance use among US adult cancer survivors, 2022. Markey STRONG Scholars Program poster session, Lexington, Kentucky, July 2024. Poster presentation.
32. 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 to be presented at the Society for Epidemiologic Research Annual Meeting, Austin, TX, June, 2024. Oral presentation.
33. **Mattingly DT**, Booty MD, Richardson MK. Factors associated with handgun carriage among US youth, 2021-2022. Abstract to be presented at the Interdisciplinary Association for Population Health Science Annual Meeting, St. Louis, MO, September, 2024. Oral presentation.
34. 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. Oral presentation.
35. 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. Poster presentation.

XIV. RESEARCH & INTELLECTUAL CONTRIBUTIONS - *continued*

C. SPONSORED RESEARCH PROJECTS, GRANT & CONTRACT ACTIVITIES

Active

Project Title: Socioecological Barriers and Facilitators to Lung Cancer Screening Among Black Adults Who Use Various Combustible

Principal Investigator(s): Tobacco Products: Assessing the Equity impact of the USPSTF Lung Cancer Screening Recommendations
Delvon T. Mattingly, PhD
Role in Project: Principal Investigator
Effort: 10%
Institution/University: University of Kentucky
Source of Funding: United In True Equity (UNITE) Research Priority Area & Markey Cancer Center (MCC)
Duration of Project: 04/2024-03/2025
Total Award: \$50,000
Decision: Awarded

Project Title: The Intersectionality of Multiple Types of Discrimination and Substance Use Behaviors
Principal Investigator(s): Delvon T. Mattingly, PhD
Role in Project: Principal Investigator
Effort: N/A
Institution/University: University of Kentucky
Source of Funding: National Institute on Drug Abuse
Duration of Project: 07/2024-06/2025
Total Award: \$75,938.14
Decision: Awarded
Grant Number: 1L60DA061514-01

Inactive

Project Title: Center for the Assessment of the Public Health Impact of Tobacco Regulations - Diversity Supplement for Project 3
Principal Investigator(s): Rafael Meza, PhD, David T. Levy, PhD
Role in Project: Trainee
Effort: 75%
Institution/University: University of Michigan
Source of Funding: National Cancer Institute
Duration of Project: 09/2018-08/2023
Total Award: \$80,322
Grant Number: 3U54CA229974-02S1

Project Title: Understanding the Role of Police Exposures on Racial/Ethnic Disparities in Substance Use Among US Youth
Principal Investigator(s): Nancy L. Fleischer, PhD
Role in Project: Co-Investigator
Effort: N/A
Institution/University: Institute for Social Research, University of Michigan
Source of Funding: Jerald and Virginia Bachman Research Fellowship on Change in American Youth, 2022
Duration of Project: 05/2022-04/2023

Total Award: \$10,000
Grant Number: N/A

Submitted, Pending

Project Title: Local Flavor Policies to Enhance Equity in Tobacco – A Diversity Supplement
Principal Investigator(s): Shyanika Rose, PhD
Role in Project: Co-Investigator
Effort: 75%
Institution/University: University of Kentucky
Source of Funding: National Cancer Institute
Duration of Project: 07/2024-03/2026
Total Award: \$277,811
Decision: Recommended for funding

Project Title: Structural Racism and Cigarette and Cigar Use, and Related Mortality, at the Intersection of Race, Ethnicity, Gender, and Social Class
Principal Investigator(s): Nancy L. Fleischer, PhD
Role in Project: Co-Investigator
Effort: 20%
Institution/University: University of Kentucky
Source of Funding: National Cancer Institute
Duration of Project: 04/2025-05/2029
Total Award: Pending
Decision: Under review

Project Title: Discrimination and tobacco use disparities at the intersection of race and ethnicity: The moderating roles of traumatic stress and hypervigilance
Principal Investigator(s): Delvon T. Mattingly, PhD
Role in Project: Principal Investigator
Effort: 51%
Institution/University: University of Kentucky
Source of Funding: National Cancer Institute
Duration of Project: 04/2025-05/2027
Total Award: Pending
Submission: By 06/16/2024