

Nicholas C. Peiper, Ph.D., M.P.H.

Contact

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Education

2013	Ph.D.	University of Louisville	Epidemiology
2006	M.P.H.	University of Kentucky	Health Behavior
2004	B.A.	Transylvania University	Psychology

Professional Experience

2023 to date	Director of Research, Institute for Health Equity, Norton Healthcare, Louisville, Kentucky, USA
2021 to date	Associate Professor, Department of Epidemiology & Population Health, University of Louisville, Louisville, Kentucky, USA
2019 to date	Affiliate Scientist, Eating Anxiety Treatment Laboratory & Clinic, Department of Psychological & Brain Sciences, University of Louisville, Louisville, Kentucky, USA
2021 to 2023	Director of Research, Meru Health, San Mateo, California, USA
2019 to 2021	Research Scientist, Louisville Center, Pacific Institute for Research & Evaluation, Louisville, Kentucky, USA
2015 to 2018	Research Epidemiologist, Behavioral Health Research Division, RTI International, Research Triangle Park, North Carolina, USA
2011 to 2015	Affiliate Scientist, Jigsaw: The National Centre for Youth Mental Health, Dublin, Ireland, EU
2010 to 2015	Epidemiologist, Research, Policy, & Evaluation Services, REACH Evaluation, Louisville, Kentucky, USA
2007 to 2009	Clinical Trials Coordinator, James Graham Brown Cancer Center, School of Medicine, University of Louisville, Louisville, Kentucky, USA

2006 to 2007	Counselor, Residential Treatment Program, St. Joseph Children's Home, Louisville, Kentucky, USA
2004 to 2006	Graduate Research Assistant, Kentucky Center for Smoke-Free Policy, College of Nursing, University of Kentucky, Lexington, Kentucky, USA

Grants and Contracts (Active)

Abbott Laboratories: Comprehensive Strategies to Increasing Diversity in Clinical Research (1/1/2023-1/1/2025): \$1,500,000 total costs

- Role: Multiple Principal Investigator
- Prime: Norton Healthcare (Contact PI: McCants)

CDC Foundation: Increasing COVID-19 Vaccine Uptake among Members of Racial and Ethnic Minority Communities (PON27282200004185; 8/22/2022-6/30/2024): \$949,196 total costs

- Role: Multiple Principal Investigator
- Prime: Norton Healthcare

Gilead Sciences: Strengthening Community-Driven Partnerships to End the HIV Epidemic through a Comprehensive HIV Innovation Program (1/3/2022-7/1/2023): \$398,354 total costs

- Role: Multiple Principal Investigator
- Prime: Norton Healthcare

Grants and Contracts (Past)

Lilly Oncology: Feasibility of a Therapist-Supported Digital Mental Health Intervention in Addressing Mental Health Symptoms among People with Cancer: A Mixed Methods Study (8/1/2022-7/31/2023): \$50,000 total costs

- Role: Principal Scientist
- Prime: Cancer Support Community (PI of Meru Health subcontract)

National Institute of Mental Health: Hybrid Type 1 Effectiveness-Implementation Trial for Primary Care Depression Screening and Referral to a Remote Digital Mental Health Clinic (R44MH126836; 4/7/2022-3/31/2025): \$2,197,985 total costs

- Role: Principal Investigator
- Prime: Meru Health

Norton Healthcare Foundation: Acceptability of HIV Self-Test Kits in People Who Use Drugs (4/1/2021-3/31/2022): \$65,000 total costs

- Role: Multiple Principal Investigator
- Prime: Norton Healthcare (Contact PI: Rose)

National Institute on Drug Abuse: Individual and Structural Risk Factors for Opioid Overdose Associated with the Use and Supply of Illicitly Made Fentanyl (R01DA046444; 7/15/2018-5/31/2022): \$1,234,158 total costs

- Role: Consultant
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- Prime: RTI International (PI: Zibbell)

Bureau of Justice Assistance: Comprehensive Opioid, Stimulant, and Substance Abuse Program (2020-AR-BX-0139; 11/1/2020-10/31/2023): \$900,000 total costs

- Role: Multiple Principal Investigator (PI of PIRE subaward)
- Prime: Purchase District Health Department (Contact PI: Krolikowski)

Health Resources and Services Administration: Rural Communities Opioid Response Program – Implementation (GA1RH39592; 9/1/2020-8/31/2023): \$1,000,000 total costs

- Role: Senior Evaluation Scientist (PI of PIRE subcontract)
- Prime: Purchase District Health Department (PI: Krolikowski)

Health Resources and Services Administration: Rural Health Network Development Program (D06RH37519; 7/1/2020-6/30/2023): \$300,000 total costs

- Role: Senior Evaluation Scientist (PI of PIRE subcontract)
- Prime: Purchase District Health Department (PI: Cornell)

Health Resources and Services Administration: Small Health Care Provider Quality Improvement (G20RH33275; 8/1/2019-7/31/2022): \$200,000 total costs

- Role: Senior Evaluation Scientist (PI of PIRE subcontract)
- Prime: Purchase District Health Department (PI: Cornell)

Military Suicide Research Consortium: Risky Alcohol Use and the Interpersonal-Psychological Theory of Suicide (4/1/2021-3/31/2022): \$125,000 total costs

- Role: Co-Investigator
- Prime: Pacific Institute for Research and Evaluation (PI: Moore)

Health Resources and Services Administration: Rural Communities Opioid Response Program – Planning (G25RH32994; 6/1/2019-8/31/2020): \$200,000 total costs

- Role: Senior Evaluation Scientist (PI of PIRE subcontract)

Norton Healthcare: Cascade of Care for Pregnant/Post-Partum Women with Hepatitis C Virus Infection (19.0256; 10/1/2019-6/30/2020): \$3,500 total costs

- Role: Senior Evaluation Scientist (PI of PIRE subcontract)

Indivior: Remission from Chronic Opioid Use: Studying Environmental and Socioeconomic Factors on Recovery (RECOVER; 0214805; 4/15/2015-10/31/2020): \$5,549,130 total costs

- Role: Co-Investigator (up to 1/1/2019)

Centers for Disease Control and Prevention: Prescription Drug Overdose Prevention for States Program (HHSD2002013M53964B; 9/20/2016-9/27/2020): \$2,000,000 total costs

- Role: Co-Investigator (up to 1/1/2019)

National Institute on Drug Abuse: Mitigating the Outcomes Associated with the Injection Drug Use Epidemic in Southern Appalachia (UG3DA04482302S1; 8/1/2018-7/31/2019): \$99,483 total costs

- Role: Co-Investigator
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National Institute on Drug Abuse: Substance Use Screening and Prevention for Adolescents in Pediatric Primary Care (R01DA036628; 6/1/2014-05/1/2019): \$2,946,329

- Role: Research Scientist

RTI International Strategic Investment Fund: Evaluation of Fentanyl Test Strips as an Opioid Overdose Prevention Program (7/1/2017-6/30/2018): \$30,000 total costs

- Role: Multiple Principal Investigator

Kentucky Cabinet for Health and Family Services, Substance Abuse and Mental Health Services Administration: Cooperative Agreements for State-Sponsored Youth Suicide Prevention and Early Detection (U79SM061777; 9/1/2014-10/1/2019): \$3,680,000 total costs

- Role: Evaluation Researcher (up to 5/1/2015)

National Institute on Drug Abuse: Mechanisms Underlying the Relationship Between Sleep and Marijuana Use in Adolescence (R01DA034618; 9/1/2013-5/31/2018): \$3,277,731 total costs

- Role: Co-Investigator

Substance Abuse and Mental Health Services Administration: National Survey on Drug Use and Health (NSDUH), Feasibility of Measuring and Estimating Serious Emotional Disturbance (SED) in Children and Youth (HHSS283201300001C; 1/1/2018-11/30/2018)

- Role: Task Leader and Subject Matter Expert

Substance Abuse and Mental Health Services Administration: National Survey on Drug Use and Health (NSDUH), Marijuana and Blunts Module Redesign (HHSS283201300001C; 10/1/2017-11/30/2018)

- Role: Task Leader and Subject Matter Expert

Substance Abuse and Mental Health Services Administration: Correlates of Perceived Need for Mental Health Services Use among Adults with Mental Illness (HHSS283201300001C; 5/1/2017-7/4/2018)

- Role: Principal Investigator

RTI International Independent Research and Development Award: Health-Related Quality of Life and Chronic Pain Among Medical Cannabis Patients (10/1/2016-9/30/2017): \$110,000 total costs

- Role: Principal Investigator

RTI International Strategic Investment Fund: Social Network Analysis of Cannabis Dispensaries on Twitter (10/1/2015-9/30/2016): \$50,000 total costs

- Role: Principal Investigator

RTI International Independent Research and Development Award: The Policy Implications of Online Behaviors Among Cannabis Dispensary Staff (10/1/2015-9/30/2016): \$66,000 total costs

- Role: Principal Investigator
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Kentucky Cabinet for Health and Family Services, Substance Abuse and Mental Health Services Administration: Strategic Prevention Framework State Epidemiological Outcomes Workgroup Supplement (HHSS283200700048I; 9/1/2013-10/1/2015): \$198,000 total costs

- Role: Project Director

Kentucky Cabinet for Health and Family Services, Substance Abuse and Mental Health Services Administration: Strategic Prevention Framework Partnership for Success II (U79SP019436; 9/1/2012-10/1/2015): \$2,674,187 total costs

- Role: Evaluation Researcher

Kentucky Cabinet for Health and Family Services, Substance Abuse and Mental Health Services Administration: State Epidemiological Outcomes Workgroup (HHSS283200700048I; 10/1/2010-8/30/2012): \$1,088,000 total costs

- Role: Project Director

Honors and Awards

Corporate Development Award, Pacific Institute for Research & Evaluation, 2020

Corporate Investment Program Award, Pacific Institute for Research & Evaluation, 2019-2021

RTI Press Editorial Board Award, RTI International, 2018

Highly Published Author, RTI International, 2018

Highly Published Author, RTI International, 2017

RTI Fellow Program Author Award, RTI International, 2016

Highly Published Author, RTI International, 2016

Highly Published Author, RTI International, 2015

Honorary Kentucky Colonel, Honorable Order of Kentucky Colonels, 2014

Graduate Dean's Citation, University of Louisville, School of Interdisciplinary & Graduate Studies, 2014

Golden Key International Honour Society, University of Louisville, 2009

Dean's List, University of Kentucky, College of Public Health, 2005 to 2006

Enhancement Scholarship Recipient, University of Kentucky, College of Public Health, 2005 to 2006

Dean's List, Transylvania University, 2004

Founder's Scholarship Recipient, Transylvania University, 2000 to 2004

Professional Service and Memberships

Kentucky Eating Disorder Council, Kentucky Cabinet for Health and Family Services, 2021 to date

Society for Research on Nicotine and Tobacco, 2019 to date

Association for Behavioral and Cognitive Therapies, 2019 to date

Suicide Surveillance Workgroup, Division of Behavioral Health, Kentucky Cabinet for Health and Family Services, 2019 to date

Kentucky State Epidemiological Outcomes Workgroup, Kentucky Cabinet for Health and Family Services, 2016 to date

American College of Epidemiology Publications Committee, Associate Member, 2015 to date

International Association of Youth Mental Health, Associate Member, 2015 to date

D.A.R.E. America Scientific Advisory Board, 2013 to 2015

Substance Abuse Prevention Branch Expert Committee, Department for Behavioral Health, Developmental and Intellectual Disabilities, Kentucky Cabinet for Health and Family Services, 2013 to 2015

Kentucky State Epidemiological Outcomes Workgroup, Department for Behavioral Health, Developmental and Intellectual Disabilities, Kentucky Cabinet for Health and Family Services, Chair, 2010 to 2015

EpiHour Seminar Series, University of Louisville, Department of Epidemiology and Population Health, Co-Chair, 2013 to 2014

Journal Reviewer

International Journal on Drug Policy (2018-date)

Annals of Epidemiology (2017-date)

Early Intervention in Psychiatry (2016-date)

Drug and Alcohol Dependence (2015-date)

Journal of Medical Internet Research (2017)

Addiction (2016)

Journal of Public Health Management and Practice (2014)

Nicotine and Tobacco Research (2012-date)

Seminars and Courses Taught

University of Louisville, Associate Professor: *Department of Epidemiology and Population Health* (Fall 2019-present):

Theoretical Foundations of Epidemiology

Survey Research Methods

Principles of Social Epidemiology

Seminar in Psychiatric Epidemiology

Academic Mentoring

MPH Faculty Mentor: Sara Hanna, Department of Epidemiology and Population Health, University of Louisville, 2022 to date

MPH Faculty Mentor: Lindsey Dierenfield, Department of Epidemiology and Population Health, University of Louisville, 2022 to date

PhD Dissertation Committee Chair: Yana Feygin, Department of Epidemiology and Population Health, University of Louisville, 2021 to date

MPH Faculty Mentor: Katherine O'Connell, Department of Epidemiology and Population Health, University of Louisville, 2021 to 2023

PhD Dissertation Committee Member: Imisha Gurung, Department of Health Promotion and Behavioral Sciences, University of Louisville, 2021 to 2023

PhD Dissertation Committee Member: Emily Reece, Department of Epidemiology and Population Health, University of Louisville, 2021 to 2022

PhD Dissertation Committee Member: Lyndsey Blair, Department of Epidemiology and Population Health, University of Louisville, 2020 to 2022

EdD Dissertation Committee Member: Patricia Clark, Education Leadership and Policy Studies, Eastern Kentucky University, 2018 to 2019
PhD Faculty Mentor and Dissertation Committee Co-Chair: Teresa McGeeney, Department of Epidemiology and Population Health, University of Louisville, 2016 to 2019
PhD Faculty Mentor and Dissertation Committee Co-Chair: Diana Kuo, Department of Epidemiology and Population Health, University of Louisville, 2016 to 2019
MPH Practicum Preceptor: Alexander Lee, Department of Bioinformatics and Biostatistics, University of Louisville, completed May 2015
School of Public Health and Information Sciences Mentorship Program: Chase Harber, Department of Bioinformatics and Biostatistics, University of Louisville, 2014 to 2015
MPH Practicum Preceptor: Monica Panwar, Department of Epidemiology and Population Health, University of Louisville, completed May 2013
MPH Practicum Preceptor: Robin Weiss, Department of Health Promotion and Behavioral Sciences, University of Louisville, completed May 2012

Peer-Reviewed Journal Articles

Aschbacher, K., Rivera, L., Hornstein, S., Nelson, B.W., Forman-Hoffman, V. L., & **Peiper, N. C.** (2023). Longitudinal Patterns of Engagement and Clinical Outcomes: Results from a Therapist-Supported Digital Mental Health Intervention. *Psychosomatic Medicine*.

Peiper, N. C., Nelson, B. W., Aschbacher, K., & Forman-Hoffman, V. L. (2023). Trajectories of depression symptoms in a therapist-supported digital mental health intervention: a repeated measures latent profile analysis. *Social Psychiatry and Psychiatric Epidemiology*.
<https://doi.org/10.1007/s00127-022-02402-y>

Nicholas, J. K., Penwell, T. E., Christian, C. B., Overberg-Wagoner, K., **Peiper, N. C.**, & Levinson, C. A. (2023). Eating Disorder Screening and Treatment in a Medically Underserved Southern State: Data Collected by a Legislative Eating Disorder Council and Implications for Statewide Assessment. *Administration and Policy in Mental Health*, 50(2), 342–355. <https://doi.org/10.1007/s10488-022-01240-z>

Wang, C. H., & **Peiper, N. C.** (2022). Association Between Physical Activity and Sedentary Behavior With Depressive Symptoms Among US High School Students, 2019. *Preventing Chronic Disease*, 19, E76. <https://doi.org/10.5888/pcd19.220003>

Keshishian, A. C., Christian, C., Williams, B. M., Spoor, S. P., **Peiper, N. C.**, & Levinson, C. A. (2022). A Network Analysis Investigation of Disordered Eating Across Demographic and Developmental Subpopulations Using a National Epidemiological Sample of High School Students. *Behavior Therapy*, 53(3), 535-545. <https://doi.org/10.1016/j.beth.2021.12.005>

Peiper, N. C., Shamblen, S., Gilbertson, A., Guest, G., Kopp, M., Guy, L., & Rose, M. R. (2022). Acceptability of a HIV self-testing program among people who use illicit drugs. *International Journal of Drug Policy*, 103, 103613.

Hunt, R. A., Levinson, C. A., & **Peiper, N. C.** (2021). Leveraging general risk surveillance to

reduce suicide in early adolescents: Associations between suicidality, disordered eating, and other developmental risk factors. *Suicide & Life-Threatening Behavior*, 51(2), 247–254.

- Zibbell, J. E., **Peiper, N. C.**, Duhart Clarke, S. E., Salazar, Z. R., Vincent, L. B., Kral, A. H., & Feinberg, J. (2021). Consumer discernment of fentanyl in illicit opioids confirmed by fentanyl test strips: Lessons from a syringe services program in North Carolina. *International Journal of Drug Policy*, 103128.
- Christian, C., Keshishian, A. C., Levinson, C. A., & **Peiper, N. C.** (2021). A network examination of risky behaviours in a state-level and national epidemiological sample of high school students. *Early Intervention in Psychiatry*, 15(6), 1650-1658.
- Peiper, N. C.**, Aramburú, C., Thompson, K., & Abadi, M. (2020). Differential patterns of e-cigarette and tobacco marketing exposures among youth: Associations with substance use and tobacco prevention strategies. *International Journal of Drug Policy*, 86, 102925.
- Peiper, N. C.**, Ridenour, T. A., & Fishbein, D. H. (2020). Characterizing psychiatric symptoms and neurocognitive functioning among substance-naïve early adolescents: Associations with sleep problems. *Early Intervention in Psychiatry*, 14(4), 439–449.
- Peiper, N. C.**, Clarke, S. D., Vincent, L. B., Ciccarone, D., Kral, A. H., & Zibbell, J. E. (2019). Fentanyl Test Strips as an Opioid Overdose Prevention Strategy: Findings from a Syringe Services Program in the Southeastern United States. *International Journal of Drug Policy*, 63, 122-128.
- Bobashev, G., Tebbe, K., **Peiper, N. C.**, & Hoffer, L. (2018). Polydrug use among heroin users in Cleveland, OH. *Drug and Alcohol Dependence*, 192, 80–87.
- Rineer, J. R., Duhart Clarke, S., Cluff, L. A., & **Peiper, N. C.** (2018). Comparing medical and recreational cannabis use among employees: associations with health and work-related outcomes. *International Review of Psychiatry*, 30(3), 268–276.
- Dobbins, J. M., **Peiper, N. C.**, Jones, E., Clayton, R., Peterson, L. E., & Phillips, R. L., Jr. (2018). Patient-Centered Medical Home Recognition and Diabetes Control Among Health Centers: Exploring the Role of Enabling Services. *Population Health Management*, 21(1), 6–12.
- Peiper, N. C.**, Gourdet, C., Meinhofer, A., Reiman, A., & Reggente, N. (2017). Medical decision-making processes and online behaviors among cannabis dispensary staff. *Substance Abuse: Research and Treatment*, 11, 1-9. DOI: 10.1177/1178221817725515
- Baumgartner, P., & **Peiper, N. C.** (2017). Utilizing big data and Twitter to discover emergent online communities of cannabis users. *Substance Abuse: Research and Treatment*, 11, 1-9. DOI: 10.1177/1178221817711425
- Peiper, N. C.**, Baumgartner, P., Chew, R., Hsieh, Y. P., Bieler, G., Bobashev, G., ... Zarkin, G. (2017). Patterns of Twitter behavior among networks of cannabis dispensaries in California. *Journal of Medical Internet Research*, 19(7), e236.
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- Lefever, T. W., Marusich, J. A., Thomas, B. F., Barrus, D. G., **Peiper, N. C.**, Kevin, R. C., & Wiley, J. L. (2017). Vaping synthetic cannabinoids: A novel preclinical model of e-cigarette use in mice. *Substance Abuse: Research and Treatment*, *11*, 1-8. [1178221817701739]. DOI: 10.1177/1178221817701739
- Peiper, N. C.**, Illback, R., O'Reilly, A., & Clayton, R. (2017). Latent class analysis of need descriptors within an Irish youth mental health early intervention program toward a typology of need. *Early Intervention in Psychiatry*, *11*(1), 37–46. doi:10.1111/eip.12213
- Barrus, D. G., Capogrossi, K. L., Cates, S. C., Gourdet, C. K., **Peiper, N. C.**, Novak, S. P., ... Wiley, J. L. (2016). Tasty THC: Promises and Challenges of Cannabis Edibles. *Methods Report RTI Press, 2016*. <https://doi.org/10.3768/rtipress.2016.op.0035.1611>
- Novak, S., **Peiper, N. C.**, & Zarkin, G. A. (2016). Nonmedical prescription pain reliever and alcohol consumption among cannabis users. *Drug and Alcohol Dependence*, *159*, 101–108. doi:10.1016/j.drugalcdep.2015.11.039
- O'Reilly, A., **Peiper, N. C.**, O'Keeffe, L., Illback, R., & Clayton, R. (2016). Performance of the CORE-10 and YP-CORE measures in a sample of youth engaging with a community mental health service. *International Journal of Methods in Psychiatric Research*, *25*(4), 324–332. doi: 10.1002/mpr.1500
- Peiper, N. C.**, Lee, A., Lindsay, S., Drashner, N., & Wing, J. (2016). The performance of the K6 scale in a large school sample: A follow-up study evaluating measurement invariance on the Idaho Youth Prevention Survey. *Psychological Assessment*, *28*(6), 775–779. doi:10.1037/pas0000188
- Peiper, N. C.**, Ridenour, T. A., Hochwalt, B., & Coyne-Beasley, T. (2016). Overview on prevalence and recent trends in adolescent substance use and abuse. *Child and Adolescent Psychiatric Clinics of North America*, *25*(3), 349–365.
- Novak, S. P., Ball, E. L., Winstock, A., & **Peiper, N. C.** (2015). The prevalence of common infectious diseases among nonmedical prescription opioid users: Preliminary findings from the National Prescription Opioid Misuse, Abuse, and Diversion (NOMAD) Study. *Epidemiology*, *5*, 2155–2161.
- O'Reilly, A., Illback, R., **Peiper, N. C.**, O'Keeffe, L., & Clayton, R. (2015). Youth engagement with an emerging Irish mental health early intervention programme (Jigsaw): Participant characteristics and implications for service delivery. *Journal of Mental Health*, *24*(5), 283–288.
- Peiper, N. C.**, Clayton, R., Wilson, R., & Illback, R. (2015). The performance of the K6 scale in a large school sample. *Psychological Assessment*, *27*(1), 228–238.
- Peiper, N. C.**, Clayton, R., Wilson, R., Illback, R., O'Brien, E., Kerber, R., et al. (2015). Empirically derived subtypes of serious emotional disturbance in a large adolescent sample. *Social Psychiatry and Psychiatric Epidemiology*, *50*(6), 983–994. doi:10.1007/s00127-015-1017-2
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Patel, D., **Peiper, N. C.**, & Rodu, B. (2013). Perceptions of the health risks related to cigarettes and nicotine among university faculty. *Addiction Research & Theory, 21*(2), 154–159.

Peiper, N. C., & Rodu, B. (2013). Evidence of sex differences in the relationship between current tobacco use and past-year serious psychological distress: 2005–2008 National Survey on Drug Use and Health. *Social Psychiatry and Psychiatric Epidemiology, 48*(8), 1261–1271.

Rodu, B., **Peiper, N. C.**, & Cole, P. (2011). Acute myocardial infarction mortality before and after state-wide smoking bans. *Journal of Community Health, 37*(2), 468–472.

Peiper, N. C., Stone, R., van Zyl, R., & Rodu, B. (2010). University faculty perceptions of the health risks related to cigarettes and smokeless tobacco. *Drug and Alcohol Review, 29*(2), 121–130.

Lee, K., Hahn, E., **Peiper, N. C.**, Okoli, C., Repace, J., & Troutman, A. (2008). Differential impacts of smoke-free laws on indoor air quality. *Journal of Environmental Health, 70*(8), 24–30.

Pre-Prints

Peiper, N. C., Pettitt, A., Shah, B., Atwood, O., & Pfeffer, J. (2023). Feasibility of a Digital Coaching Program for Improving Mental Health and Well-Being. *PsyArXiv*.
<https://doi.org/10.31234/osf.io/8adpu>

Aschbacher, K., Mather, M., Lehrer, P., Gevirtz, R., Epel, E., & **Peiper, N. C.** (2023). Toward Digital Precision Care: Large-scale Age and Gender Norms for Heart Rate Variability Biofeedback Metrics from a Real-World Digital Mental Health Intervention. *PsyArXiv*.
<https://doi.org/10.31234/osf.io/47up5>

Pettitt, A. K., **Peiper, N. C.**, & Forman-Hoffman V. L. (2022). Association between the onset of the COVID-19 pandemic and mental health outcomes among patients enrolled in a digital mental health intervention. *PsyArXiv*. <https://psyarxiv.com/t79qa/download?format=pdf>

Pettitt, A. K., Nelson, B. W., Forman-Hoffman V. L., Goldin, P. R., & **Peiper, N. C.** (2022). Longitudinal outcomes of a therapist-supported digital mental health intervention for depression and anxiety symptoms: a 24-month retrospective cohort study.
<https://doi.org/10.31219/osf.io/8jvtd>

Nelson, B. W., **Peiper, N. C.**, & Forman-Hoffman, V. L. (2022). Investigating a standalone therapist-supported digital mental health intervention versus augmented treatment as usual.
<https://doi.org/10.31219/osf.io/upxkc>

Nelson, B. W., **Peiper, N. C.**, Aschbacher, K., & Forman-Hoffman, V. L. (2021). Evidence-based therapist-supported digital mental health intervention for patients experiencing medical multimorbidity: a retrospective cohort intent-to-treat study. *SSRN Electronic Journal*. <https://doi.org/10.2139/ssrn.3946987>

Nelson, B. W., Hornstein, S., Viiala, V., Gillung, E., **Peiper, N. C.**, & Hoffman, V. (2021). Suicidal Ideation and Risk Reduction Associated with Participation in a Therapist-Supported Digital Mental Health Intervention. <https://www.researchsquare.com/article/rs-1146220/v1>

Published Conference Proceedings

Peiper, N. C., Nelson, B. W., Hornstein, S., Pettitt, A., Ranta, K., & Forman-Hoffman, V. L. (2021). Differential treatment response among people engaging with a digital mHealth intervention for depressive symptoms: a repeated measures latent profile analysis. *TMS Proceedings 2021*. <https://tmb.apaopen.org/pub/2c37pf79/release/2>

Nelson, B. W., Hornstein, S., **Peiper, N. C.**, Pettitt, A., Ranta, K., & Forman-Hoffman, V. L. (2021). Suicide risk reduction associated with participation in an evidence-based digital mental health intervention targeting depression and anxiety. *TMS Proceedings 2021*. <https://tmb.apaopen.org/pub/a7u8tqpe/release/2>

Rose, M., Guy, L., Shamblen, S., Guest, G., Gilbertson, A., & **Peiper, N. C.** (2021). LB11. Preliminary findings from a HIV self-testing program among people who use drugs. *Open Forum Infectious Diseases*, 8(Supplement_1), S810-S811.

Peiper, N. C., & Rineer, J. R. (2017). Digital storytelling as a core translational method for 21st century epidemiologists. *Annals of Epidemiology*, 27(8), 525.

Rineer, J. R., & **Peiper, N. C.** (2017). Perceived trust between medical cannabis patients and dispensary staff: The effects of formal training and personality factors among budtenders. *Annals of Epidemiology*, 27(8), 517.

Novak, S., **Peiper, N. C.**, & Wiley, J. (2017). Linking animal models to human self-administration practices among medical cannabis patients: a daily diary study. *Drug and Alcohol Dependence*, 171, e153–e154.

Peiper, N. C., Clark, P. M., Birkby, B., & Ulrich, J. L. (2013). Subtypes of Bullying and Suicide Behaviors Across Kentucky High School Students. *Annals of Epidemiology*, 23(9), 597–598.

Peiper, N. C., Donneyong, M., & Hornung, C. (2011). Quality of life outcomes among heart failure patients who smoke. *American Journal of Epidemiology*, S95.

Donneyong, M. M., **Peiper, N. C.**, & Hornung, C. A. (2011). Quality of life in heart failure patients: a structural equation model. *American Journal of Epidemiology*, S174.

Conference Presentations

Aschbacher, K. & **Peiper, N. C.** (2023, June). *Pacing Comfort Predicts Heart Rate Variability Biofeedback Metrics and Clinical Outcomes*. Symposium presentation at the 2023 Applied Physiology and Biofeedback Annual Conference. Orlando, FL.

Feygin Y. B., Dupre N. C., Creel L. M., Wallis A. B., Baumgartner R. N., & **Peiper N. C.** (2023, June). *The Role of Child Maltreatment in the Association between Earned Income Tax Policies and Adolescent Suicide Mortality: A Mediation Analysis*. Poster presentation at the Society for Epidemiologic Research Annual Meeting. Portland, OR.

Feygin Y. B., Dupre N. C., Creel L. M., Wallis A. B., Baumgartner R. N., & **Peiper N. C.** (2023, June). *The Role of Child Maltreatment in the Association between Earned Income Tax Policies and Adolescent Suicide Mortality: A Mediation Analysis*. Poster presentation at the AcademyHealth Annual Research Meeting. Seattle, WA.

Peiper, N. C., Rose, M. R., Zibbell, J. E., & Duhart Clarke S. E. (2022, October). *Self-testing technologies as a novel approach for increasing drug user health: current trends and future directions*. Symposium presentation at the 2022 National Harm Reduction Conference. San Juan, PR.

Peiper, N. C., Williams B., & Levinson C. A. (2022, September). *Disordered Eating and Behavioral Health Correlates Among Kentucky Youth: Practical Implications for Data-Driven Prevention and Policy*. Symposium presentation at the Kentucky Prevention Network Annual Meeting. Louisville, KY.

Pettitt, A., Nelson, B., **Peiper, N. C.**, Flournoy, J., & Forman-Hoffman, V. L. (2022, April). *Gender expansive clients experience greater initial suicidality and greater reductions in suicidality during a mobile mental health intervention*. Poster presentation at the 2022 American Association of Suicidology Annual Conference. Chicago, IL.

Peiper, N. C., Nelson, B. W., Hornstein, S., Pettitt, A., Ranta, K., & Forman-Hoffman, V. L. (2021, November). *Differential treatment response among people engaging with a digital mHealth intervention for depressive symptoms: a repeated measures latent profile analysis*. Virtual presentation for the 2021 American Psychological Association Technology, Mind, and Society Conference.

Nelson, B. W., Hornstein, S., **Peiper, N. C.**, Pettit, A., Ranta, K., Forman-Hoffman, V. L. (2021, November). *Suicide risk reduction associated with participation in an evidence-based digital mental health intervention targeting depression and anxiety*. Virtual presentation for the 2021 American Psychological Association Technology, Mind, and Society Conference.

Rose, M., Guy, L., Shamblen, S., Guest, G., Gilbertson, A., & **Peiper, N. C.** (2021, October). *Preliminary findings from a HIV self-testing program among people who use drugs*. Late breaker presentation for the 2021 Infectious Disease Society of America Conference (IDWeek).

Peiper, N. C. (2021, February). *Patterns of polydevice use among adolescents who use electronic cigarettes: a cluster analysis*. Virtual poster presentation at the 2021 Society for Research on Nicotine and Tobacco Research Annual Meeting.

Peiper, N. C. (2020, October). *Emergent trends in polysubstance use: implications for overdose*

prevention, treatment, and community interventions. Invited presentation at the 2020 Purchase Area Health Connections Opioid Summit. Paducah, KY.

Peiper, N. C. & Abadi, M. H. (2020, August). *The Epidemiology of Youth Polydrug Use: Practical Implications for Data-Driven Prevention and Intervention.* Workshop presentation at the National Prevention Network Annual Conference. Birmingham, AL.

Hunt, R. A., **Peiper, N. C.**, Levinson, C. A. (2019, November). *An examination of the clustering of weight control and suicide behaviors among early adolescents: associations with substance use, violence, and victimization.* Invited poster presentation at the 53rd Annual Convention of the Association for Behavioral and Cognitive Therapies. Atlanta, GA.

Ling, W., Nadipelli, V., Ronquest, N., Aldridge, A., Solem, C., **Peiper, N. C.**, et al. (2019, October). *Recovery from OUD Post-Monthly Buprenorphine-XR Treatment: 12-Month Longitudinal Outcomes.* Encore presentation for the California Society of Addiction Medicine Annual Meeting and Scientific Conference, Halifax, CA.

Ling, W., Nadipelli, V., Ronquest, N., Aldridge, A., Solem, C., **Peiper, N. C.**, et al. (2019, June). *How Long Should Pharmacotherapy Last for the Treatment of Opioid Use Disorder? Results from a 12-Month Observational Study.* Poster presentation at the College on Problems of Drug Dependence Annual Scientific Meeting, San Antonio, TX.

Ling, W., Nadipelli, V., Ronquest, N., Aldridge, A., Solem, C., **Peiper, N. C.**, et al. (2019, April). *Recovery from OUD Post-Monthly Buprenorphine-XR Treatment: 12-Month Longitudinal Outcomes.* Poster presentation at the American Society of Addiction Medicine 50th Annual Conference, Orlando, FL.

Peiper, N. C., Zibbell, J. E., & Vincent, L. B. (2018, October). *Behavioral outcomes and health impacts associated with use of fentanyl test strip technology among people who inject drugs in North Carolina.* Panel presentation at the National Harm Reduction Conference, New Orleans, LA.

Peiper, N. C. (2018, October). *The intersection between epidemiological and social media data to investigate emergent drugs of abuse.* Invited presentation at the Cross-Company Abuse Liability Conference, Washington, DC.

Zibbell, J. E., **Peiper, N. C.**, & Vincent, L. B. (2018, April). *Drug checking: a novel evidence-based strategy for preventing overdose.* Workshop presented at the National Rx Drug Abuse and Heroin Summit, Atlanta, GA.

Peiper, N. C. & Gourdet, C. (2017, November). *The regulation of edible cannabis products: interdisciplinary approaches to inform state policy.* Invited webinar presented to the National Environmental Health Association, Denver, CO.

Gourdet, C. & **Peiper, N. C.** (2017, October). *Emerging areas of marijuana policy: Edible product labeling, advertising restrictions, and the testing of pesticides.* Invited presentation at the Carolina Cannabinoid Collaborative, Durham, NC.

- Peiper, N. C.** (2017, October). *Interdisciplinary Approaches to Informing State Cannabis Policy*. Invited presentation to the National Association of State Health Policy, Portland, OR.
- Peiper, N. C. & Rineer, J. R.** (2017, September). *Digital storytelling as a core translational method for 21st century epidemiologists*. Poster presented at the American College of Epidemiology, New Orleans, NO.
- Rineer, J. R., & **Peiper, N. C.** (2017, September). *Perceived trust between medical cannabis patients and dispensary staff: the effects of formal training and personality factors among budtenders*. Poster presented at the American College of Epidemiology, New Orleans, NO.
- Peiper, N. C.** (2017, August). *The policy implications of internet behaviors among cannabis dispensary staff*. Workshop presented at the National Cannabis Summit, Denver, CO.
- Peiper, N. C.,** Meinhofer, A. M., Rineer, J., & Gourdet, C. (2017, June). *Budtender perspectives on shared decision-making in medical cannabis dispensaries*. Poster presented at the College on Problems of Drug Dependence Annual Conference, Montreal, QC.
- Peiper, N. C.,** & Novak, S. P. (2016, November). *Association between motivational subtypes and medical cannabis consumption: A 30-day diary study*. Poster presented at the American Public Health Association Annual Meeting and Expo, Denver, CO.
- Novak, S. P., **Peiper, N. C.,** & Wiley, J. L. (2016, June). *Linking animal models to human self-administration practices among medical cannabis patients*. Poster presented at College on Problems of Drug Dependence Annual Conference, Palm Springs, CA.
- Peiper, N. C.,** Baumgartner, P., & Chew, R. (2016, June). *Social ecology meets Twitter: A sociocentric analysis of medical marijuana dispensaries in two California communities*. Poster presented at the International Conference on Computational Social Science, Northwestern University, Evanston, IL.
- Thomas, I., Barnosky, A., **Peiper, N. C.,** et al. (2016, May). Finding the Wheat in the Chaff: Getting to the Tweets of Substance. Plenary Presentation at the American Association for Public Opinion Research, Austin, TX.
- Peiper, N. C.,** O'Reilly A., Illback, R., & Clayton, R. (2015, October). *Person-Centered Approaches to Informing Youth Mental Health Services in Ireland*. Plenary Presentation at the International Conference on Youth Mental Health, Montreal, Quebec, CA.
- Peiper, N. C. & Illback, R.** (2015, March). *Partnerships for Success 2015: needs assessment*. Presented at the Kentucky State Epidemiological Outcomes Workgroup, Frankfort, KY.
- Peiper, N. C.** (2015, February). *Jigsaw and Irish Youth: solving the puzzle of mental health*. Presented at the Department of Epidemiology and Population Health, University of Louisville, Louisville, KY.
- Peiper, N. C.** (2015, February). *Needs assessments through the lens of epidemiology*. Presented at the Department of Sociology, University of Louisville, Louisville, KY.
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- Peiper, N. C. & Smith, P.** (2015, January). *Kentucky Incentives for Prevention Data Visualizer*. Presented at the Regional Prevention Center Director's Meeting, Lexington, KY.
- Peiper, N. C.** (2014, November). *The epidemiology of suicide: Upstream approaches in Kentucky and Ireland*. Presented at the Department of Epidemiology and Population Health, University of Louisville, Louisville, KY. Presentation available via Prezi at <http://goo.gl/xGbDWJ>
- Ulrich, J., Clark, P., & **Peiper, N. C.** (2014, April). *Implementation of a comprehensive suicide prevention approach in Kentucky*. Panel presentation at the American Association of Suicidology, Los Angeles, CA.
- Peiper, N. C.** (2014, February). *Latent class analysis: a core epidemiologic method*. Presented at EpiHour Seminar Series, School of Public Health and Information Sciences, University of Louisville, Louisville, KY. Presentation available via Prezi at <https://goo.gl/ADGHRZ>
- Peiper, N. C.** (2013, October). *Partnerships for success II: State and regional projections for prescription drug abuse and underage drinking*. Presented at the Regional Prevention Center Directors' Summit, Dale Hollow State Park, KY.
- Peiper, N. C., Clark, P., Birkby, B., & Ulrich, J.** (2013, September). *Subtypes of bullying and suicide behaviors across Kentucky High School students*. Poster presentation at the American College of Epidemiology, Louisville, KY.
- Peiper, N. C., Drashner, N., & Kasat, S.** (2013, August). *State and community surveillance of adolescent serious emotional disturbance*. Panel presentation at the National Prevention Network, Oklahoma City, OK.
- Peiper, N. C.** (2013, April). *Kentucky data warehouse training*. Presented at the Regional Prevention Center Director's Meeting, Elizabethtown, KY.
- Peiper, N. C.** (2012, March). *Prescription drug abuse in Kentucky*. Presented at the Center for the Application of Prevention Technologies Regional Technical Expert Panel, SAMHSA, Gaithersburg, MD.
- Peiper, N. C.** (2011, December). *Findings from the Kentucky State Epidemiological Outcomes Workgroup*. Presented at the State Epidemiological Outcomes Workgroup Workshop, SAMHSA, Gaithersburg, MD.
- Peiper, N. C.** (2011, October). *The insular cortex and cigarette smoking*. Presented at the Department of Epidemiology and Population Health, School of Public Health and Information Sciences, University of Louisville, Louisville, KY.
- Donneyong, M., **Peiper, N. C., & Hornung, C.** (2011, June). *Quality of life in heart failure patients: A structural equation model*. Presented at the Congress of Epidemiology, Montreal, Quebec, Canada.
- Peiper, N. C., Donneyong, M., & Hornung, C.** (2011, June). *Quality of life outcomes among heart failure patients who smoke*. Presented at the Congress of Epidemiology, Montreal, Quebec, Canada.
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- Patel, D., **Peiper, N. C.**, & Rodu, B. (2010, October). *Perceptions of the health risks related to cigarettes and nicotine among university faculty*. Presented at Research!Louisville, Louisville, KY.
- Peiper, N. C.**, & Hornung, C. (2010, October). *Quality of life outcomes among heart failure patients who smoke*. Presented at Research!Louisville, Louisville, KY.
- Peiper, N. C.**, Stone, R., van Zyl, R., & Rodu, B. (2008, October). *Tobacco risk perceptions among a sample of full-time university faculty*. Presented at Research!Louisville, Louisville, KY.
- Peiper, N. C.** (2006, March). *Using community data in the implementation and evaluation of tobacco policies*. Presented at the Kentucky Public Health Association Annual Meeting, Louisville, KY.

Data Visualizations and Fact Sheets

- Peiper, N. C.**, Novak, S., & Cluff, L. (2016). *RxDrug review: Uses and dangers of opioids*. Prepared for the Center for Substance Abuse Prevention, Rockville, MD.
- Peiper, N. C.**, Novak, S., & Cluff L. (2016). *Cannabis review: The growth of edibles*. Prepared for the Center for Substance Abuse Prevention, Rockville, MD.
- Peiper, N. C.**, Novak, S., & Cluff, L. (2016). *Cannabis review: Cannabinoids and plant compounds*. Preventing Prescription Abuse in the Workplace project, Center for Substance Abuse Prevention, Rockville, MD.
- Peiper, N. C.**, Ball, E., Novak, S., & Cluff, L. (2015). *Marijuana use and the workplace: Highlights from the PAW technical assistance project*. Prepared for the Center for Substance Abuse Prevention, Rockville, MD.
- Peiper, N. C.**, Ball, E., Novak, S., & Cluff, L. (2015). *Marijuana use and social media: Highlights from the PAW technical assistance project*. Prepared for the Center for Substance Abuse Prevention, Rockville, MD.

Select Technical Reports

- Eckman, S., **Peiper, N. C.**, Snodgrass, J. (2018). *2018 National Survey on Drug Use and Health: Questionnaire Redesign Optional Task 3.6: Literature Review on Marijuana*. Prepared for the Center for Behavioral Health Statistics and Quality, Substance Abuse and Mental Health Services Administration, Rockville, MD.
- Peiper, N. C.**, Pennington, M., & Illback, R. (2014). *Partnerships for Success II: Prescription drug abuse in Kentucky*. Prepared for the Kentucky Cabinet for Health and Family Services, Frankfort, KY.
- Peiper, N. C.**, Pennington, M., & Illback, R. (2014). *Partnerships for Success II: Underage drinking in Kentucky*. Prepared for the Kentucky Cabinet for Health and Family Services, Frankfort, KY.
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- Peiper, N. C.** (2013). *Adolescent alcohol abuse in Kentucky*. Prepared for the Kentucky Cabinet for Health and Family Services, Frankfort, KY.
- Peiper, N. C., & Birkby, B.** (2013). *Suicide prevention efforts for adolescents in Kentucky: A report of collaborative activities among agencies in Communicare*. Prepared for the Kentucky Cabinet for Health and Family Services, Frankfort, KY.
- Peiper, N. C., Luther, E., & Pennington, M.** (2013). *Regional trends of adolescent prescription drug abuse in the Kentucky River Region: Results from the 2012 Kentucky Incentives for Prevention*. Prepared for the Kentucky Cabinet for Health and Family Services, Frankfort, KY.
- Peiper, N. C., Luther, E., & Pennington, M.** (2013). *Regional trends of adolescent prescription drug abuse in the Cumberland River Region: Results from the 2012 Kentucky Incentives for Prevention*. Prepared for the Kentucky Cabinet for Health and Family Services, Frankfort, KY.
- Peiper, N. C., Luther, E., & Pennington, M.** (2013). *Regional trends of underage drinking in the Northkey Region: Results from the 2012 Kentucky Incentives for Prevention*. Prepared for the Kentucky Cabinet for Health and Family Services, Frankfort, KY.
- Peiper, N. C., Luther, E., & Pennington, M.** (2013). *Regional trends of underage drinking in the Pathways Region: Results from the 2012 Kentucky Incentives for Prevention*. Prepared for the Kentucky Cabinet for Health and Family Services, Frankfort, KY.
- Peiper, N. C., Luther, E., & Pennington, M.** (2013). *Regional trends of underage drinking in the Comprehend Region: Results from the 2012 Kentucky Incentives for Prevention*. Prepared for the Kentucky Cabinet for Health and Family Services, Frankfort, KY.
- Peiper, N. C., Luther, E., & Pennington, M.** (2013). *Attitudes and perceptions surrounding tobacco use, smoke-free ordinances, and secondhand smoke: A community survey of adults in Breckinridge County*. Prepared for Breckinridge County Health Department, Breckinridge, KY.
- Peiper, N. C., Smith, P., & Pennington, M.** (2013). *Regional trends of underage drinking in Kentucky: Results from the 2010 Kentucky Incentives for Prevention*. Prepared for the Kentucky Cabinet for Health and Family Services, Frankfort, KY.
- Peiper, N. C., Smith, P., & Pennington, M.** (2013). *Regional trends of underage drinking in the Bluegrass Region: Results from the 2010 Kentucky Incentives for Prevention*. Prepared for the Kentucky Cabinet for Health and Family Services, Frankfort, KY.
- Peiper, N. C., Smith, P., & Pennington, M.** (2013). *Regional trends of underage drinking in the Communicare Region: Results from the 2010 Kentucky Incentives for Prevention*. Prepared for the Kentucky Cabinet for Health and Family Services, Frankfort, KY.
- Peiper, N. C., Smith, P., & Pennington, M.** (2013). *Regional trends of underage drinking in the KIPDA Region: Results from the 2010 Kentucky Incentives for Prevention*. Prepared for the Kentucky Cabinet for Health and Family Services, Frankfort, KY.
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- Peiper, N. C.,** Smith, P., & Pennington, M. (2013). *Regional trends of adolescent prescription drug abuse in the Communicare Region: Results from the 2010 Kentucky Incentives for Prevention*. Prepared for the Kentucky Cabinet for Health and Family Services, Frankfort, KY.
- Peiper, N. C.,** Smith, P., & Pennington, M. (2013). *Regional trends of adolescent prescription drug abuse in the Lifeskills Region: Results from the 2010 Kentucky Incentives for Prevention*. Prepared for the Kentucky Cabinet for Health and Family Services, Frankfort, KY.
- Peiper, N. C.,** Smith, P., & Pennington, M. (2013). *Regional trends of adolescent prescription drug abuse in the Pennyroyal Region: Results from the 2010 Kentucky Incentives for Prevention*. Prepared for the Kentucky Cabinet for Health and Family Services, Frankfort, KY.
- Peiper, N. C.,** Smith, P., & Pennington, M. (2013). *Regional trends of adolescent prescription drug abuse in the River Valley Region: Results from the 2010 Kentucky Incentives for Prevention*. Prepared for the Kentucky Cabinet for Health and Family Services, Frankfort, KY.
- Birkby, B., Luther, E., & **Peiper, N. C.** (2012). *KIDS NOW plus fiscal year 2012 annual report*. Prepared for the Kentucky Cabinet for Health and Family Services, Frankfort KY.
- Clayton, R., Illback, R., & **Peiper, N. C.** (2012). *Economic evaluation of the Jigsaw Model: An analysis of the global burden of mental ill-health among young people, the cost to government, and an economic justification of the Jigsaw Model of early intervention and prevention*. Prepared for Headstrong—The National Centre for Youth Mental Health, Dublin, Ireland.
- Peiper, N. C.,** Clayton, R., & Illback, R. (2012). *Preventing substance abuse and mental illness in Kentucky: A community profile of Western Kentucky*. Prepared for the Kentucky Cabinet for Health and Family Services, Frankfort, KY.
- Peiper, N. C.,** Clayton, R., & Illback, R. (2012). *Preventing substance abuse and mental illness in Kentucky: 2012 state profile*. Prepared for the Kentucky Cabinet for Health and Family Services, Frankfort, KY.
- Pennington, M., & **Peiper, N. C.** (2012). *Perinatal depression: engagement of at-risk women in mental health services*. Prepared for the Louisville Metro Department of Public Health and Wellness, Louisville, KY.
- Illback, R., **Peiper, N. C.,** Sanders, D., & Pennington, M. (2011). *Birth outcomes of participants in Kentucky's HANDS home visitation program: a follow-up study comparing matched and unmatched high-risk groups*. Prepared for Kentucky Department for Public Health, Frankfort, KY.
- Peiper, N. C.,** Birkby, B., & Pennington, M. (2011). *Prescription drug trends in Kentucky*. Prepared for the Kentucky Cabinet for Health and Family Services, Frankfort, KY.
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Peiper, N. C., Clayton, R., & Illback, R. (2011). *Preventing substance abuse and mental illness in Kentucky: A state profile to promote positive mental and behavioral health*. Prepared for Kentucky Cabinet for Health and Family Services, Frankfort, KY.

Hahn, E., Lee, K., Robertson, H., Vogel, S., Lee, S., **Peiper, N. C.**, et al. (2008). *Indoor air quality in Louisville: did passage of a comprehensive smoke-free ordinance clear the air?* Prepared for University of Kentucky, Lexington, KY.
