

Martha Wetzel

PhD Candidate in Health Services Research and Health Policy
 Rollins School of Public Health
 Emory University
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EDUCATION

- 2020-Current PhD, Emory University, Atlanta, GA
 Health Services Research and Health Policy
 NIH/NIDA T32 Predoctoral Fellowship: *Training in Advanced Data Analytics to End Drug-Related Harms (NIDA grant 5T32DA050552)*
 Dissertation: *Pain, socio-economic disparities, and controlled substance policy*
- 2016-2018 Master of Science in Public Health, Emory University, Atlanta, GA
 Health Services Research and Health Policy
 Thesis: *Unintended consequences of prescription drug monitoring programs*
- 2007-2011 Bachelor of Arts, Arizona State University, Tempe, AZ
 Global Health
 Thesis: *Government-directed community participation: Chagas disease in Argentina and Bolivia*

PROFESSIONAL EXPERIENCE

- 2024-Current Graduate Research Assistant, Nell Hodgson Woodruff School of Nursing, Emory University
- 2022-2024 Graduate Research Assistant, Department of Health Policy and Management, Rollins School of Public Health, Emory University
- 2018-2020 Biostatistician, Department of Pediatrics, School of Medicine, Emory University
- 2011-2016 Analyst, Informatics Department, Health Services Advisory Group (HSAG)
 Analyst III (Apr. – July 2016)
 Analyst II (Jul. 2014 – Apr. 2016)
 Analyst I (Aug. 2012 – Jul. 2014)
 Informatics Project Specialist/Coordinator (Aug. 2011 – July 2012)

PUBLICATIONS

1. **Wetzel M**, Howard DH, Giordano NA, et al. Do Must-Access Prescription Drug Monitoring Programs (PDMPs) Affect Pain and Physical Impairment Outcomes in Older Adults? [Preprint] *medRxiv*. 2025:2025.06.02.25328258.

2. **Wetzel M**, Howard DH, Giordano NA, Patrick SW, Yarbrough CR. Do controlled substance restrictions affect adherence? The case of gabapentin scheduling in Virginia. (*Under review at Medical Care*)
3. Peterson EN, Edwards A, **Wetzel M**, Waller LA, Cooper H, Yarbrough C. A Bayesian Spatio-Temporal Top-Down Framework for Estimating Opioid Use Disorder Risk Under Data Sparsity [Preprint], *arXiv*. 2025:2506.02303.
4. Graetz I, Hu X, Ji X, **Wetzel M**, Yarbrough CR. The effect of cancer exemption in mandatory-access prescription drug monitoring programs among oncologists. *JNCI Cancer Spectr*. 2023 Mar 1;7(2):pkad006.
5. Novotny SA, Hailer YD, Laine JC, **Wetzel M**, Gillespie SE, Gilbert SR, Goldstein RY, Kim HKW, Schrader T. Do Weightbearing Restrictions Cause Excess Weight Gain in Children With LEGG-Calvé-Perthes Disease?. *J Pediatr Orthop*. 2023 Jan 1;43(1):31-36.
6. Stenger E, Xiang Y, **Wetzel M**, Gillespie S, Chellapandian D, Shah R, Arnold SD, Bhatia M, Chaudhury S, Eckrich MJ, Kanter J, Kasow KA, Krajewski J, Nickel RS, Ngwube AI, Olson TS, Rangarajan HG, Wobma H, Guilcher GMT, Horan JT, Krishnamurti L, Shenoy S, Abraham A. Long-Term Organ Function After HCT for SCD: A Report From the Sick Cell Transplant Advocacy and Research Alliance. *Transplant Cell Ther*. 2023 Jan;29(1):47.
7. Fraser Doh, K, Sheline EK, **Wetzel M**, Xiang Y, Morris CR, Simon, HK. Pediatric firearm and motor vehicle collision injuries in the United States: Diverging trends. *The American Journal of Emergency Medicine*. 2022;53:59-62.
8. Gettis M, Brown AM, Fujimoto A, **Wetzel M**, Thomsen J. Gabapentin Premedication to Reduce Postoperative Pain for Pediatric Tonsillectomy/Adenoidectomy: A Pilot Study. *J Perianesth Nurs*. 2022 Oct;37(5):626-631. doi: 10.1016/j.jopan.2021.11.011.
9. Gutman CK, Newton N, Duda E, Alevy R, Palmer K, **Wetzel M**, Figueroa J, Griffiths M, Koyama A, Middlebrooks L, Camacho-Gonzalez A, Morris CR. Comparison of Targeted and Routine Adolescent HIV Screening in a Pediatric Emergency Department. *Pediatr Emerg Care*. 2022 Oct 1;38(10):e1613-e1619.
10. Hazen BJ, Keane OA, Vandewalle RJ, Grady Z, **Wetzel M**, Chern JJ, Santore MT. Difference in Presentation and Concomitant Intra-Abdominal Injury with Chance Fracture in Pediatric and Adult Populations. *Am Surg*. 2022 May 13.
11. Butto A, Mao CY, Wright L, **Wetzel M**, Kelleman MS, Carboni MP, Dipchand AI, Knecht KR, Reinhardt Z, Sparks JD, Villa C, Mahle WT. Relationship of ventricular assist device support duration with pediatric heart transplant outcomes. *J Heart Lung Transplant*. 2022 Jan;41(1):61-69.

12. Cheng AY, Simon HK, Miller J, **Wetzel M**, Zmitrovich A, Hebbar KB. Survey of Current Institutional Practices in the Use of High-Flow Nasal Cannula for Pediatric Patients. *Pediatr Emerg Care*. 2022 Jan 1;38(1):e151-e156.
13. **Wetzel M**, von Esenwein S, Yarbrough CR, Hockenberry JM. Association of Prescription Drug Monitoring Program Laws with Bedridden and Missed Work Days. *Health services research*. 2021;56(6):1215-1221.
14. Hemani SA, Glover B, Ball S, Rechler W, Wetzel M, Hames N, Jenkins E, Lantis P, Fitzpatrick A, Varghese S. Dexamethasone Versus Prednisone in Children Hospitalized for Acute Asthma Exacerbations. *Hospital Pediatrics*. 2021;11(11):1263–1272.
15. Zmora R, **Wetzel M**, McCracken C, Murray T, Spector L, Lakshminarayan K, Kochilas L. Impact of Multiple Contributing Causes of Death Following Pediatric Surgery for Congenital Heart Defects. *Journal of the American College of Cardiology*. 2021;77(18, Supplement 1):477.
16. Fraser Doh K, Sheline E, **Wetzel M**, Simon HK, Morris CR. Comparison of cost and resource utilization between firearm injuries and motor vehicle collisions at pediatric hospitals. *Academic Emergency Medicine*. 2021;00:1–9.
17. Hill R, Tey CS, Jung C, Monfort R, Pettitt-Schieber B, Vaughn W, Hathaway C, Shashidharan S, Sharp W, **Wetzel M**, Raol N. Feeding outcomes after paediatric cardiothoracic surgery: a retrospective review. *Cardiology in the Young*. 2021;30(4):673 – 681.
18. Gutman CK, Duda E, Newton N, Alevy R, Palmer K, **Wetzel M**, Figueroa J, Griffiths M, Koyama A, Middlebrooks L, Simon HK, Camacho-Gonzalez A, Morris CR. Unique Needs for the Implementation of Emergency Department HIV Screening in Adolescents. *Academic Emergency Medicine*. 2020;27(10).
19. Kaushal N, Orland K, Schwartz AM, Wilson JM, Fletcher ND, **Wetzel M**, Patel A, Menapace B, Ramirez M, Murphy J. Race Does Not Influence Blood Loss in Spinal Fusions for Adolescent Idiopathic Scoliosis. *Journal of Neurosurgery: Pediatrics*. 2020; 27(2), 213-217.
20. Shinn K, **Wetzel M**, DeGroote NP, Keller F, Briones M, Felker J, Castellino S, Miller TP. Impact of respiratory viral panel testing on length of stay in pediatric cancer patients admitted with fever and neutropenia. *Pediatric Blood & Cancer*. 2020.
21. Schwartz, M., Shah, R., **Wetzel, M.**, & Raol, N. Relationship between Insurance Type and Delays in Tympanostomy Tube Placement. *Annals of Otology, Rhinology & Laryngology*. 2020.
22. Land M, **Wetzel M**, Geller RJ, Steck A, Grunwell J. Adult opioid poisonings by drug, intent, and resource use from the United States National Poison Data System from 2005–2018. *Clin Toxicol*. 2020; 59(34):1-10

23. Runco DV, Wasilewski-Masker K, McCracken CE, **Wetzel M**, Mazewski CM, Patterson BC, Mertens AC. Normalized measures and patient characteristics to identify undernutrition in infants and young children treated for cancer. *Clin Nutr ESPEN*. 2020;38:185-191.
24. Cheng AY, Simon HK, Miller J, **Wetzel M**, Zmitrovich A, Hebber KB. Survey of Current Institutional Practices in the Use of High Flow Nasal Cannula for Pediatric Patients. *Pediatric Emergency Care*. 2020.
25. Kamat P, Santore M, **Wetzel M**, McCracken C, Sullivan D, Hall M, et al. Critical Care Resource Use, Cost, and Mortality Associated With Firearm-Related Injuries in US Children's Hospitals. *Journal of Pediatric Surgery*. 2020: S0022-3468(20)30117-2.
26. **Wetzel M**, Hockenberry JM, Raval MV. Opioid Fills in Children Undergoing Surgery from 2011 to 2014: A Retrospective Analysis of Relationships Among Age, Initial Days Supplied, and Refills. *Ann Surg*. 2019;274(2):e174-e180.
27. Land M, **Wetzel M**, Geller R, Kamat P, Grunwell J. Analysis of 207,543 Children with Acute Opioid Poisonings from the United States National Poison Data System. *Clin Toxicol*. 2019:1-8.
28. Cherven B, Jordan D, Hale S, **Wetzel M**, Travers C, Smith K. Nurse-Patient Connectedness and Nurses' Professional Quality of Life: Experiences Volunteering at a Pediatric Oncology Camp. *Journal of Pediatric Oncology Nursing*. 2020;37(2):136-147.
29. Clark CJ, **Wetzel M**, Renner LM, Logeais ME. Linking partner violence survivors to supportive services: impact of the M Health Community Network project on healthcare utilization. *BMC Health Serv Res*. 2019;19(1):479.
30. Baxter KJ, Short HL, **Wetzel M**, Steinberg RS, Heiss KF, Raval MV. Decreased Opioid Prescribing in Children Using an Enhanced Recovery Protocol. *J Pediatr Surg*. 2019 Jun;54(6):1104-1107.
31. Piper KN, Baxter KJ, **Wetzel M**, McCracken C, Travers C, Slater B, Cairo SB, Rothstein DH, Cina R, Dassinger M, Bonasso P, Lipskar A, Denning NL, Huang E, Shah SR, Cunningham ME, Gonzalez R, Kauffman JD, Heiss KF, Raval MV. Provider Education Decreases Opioid Prescribing after Pediatric Umbilical Hernia Repair. *J Pediatr Surg*. 2019 May 11.
32. **Wetzel M**, Hockenberry JM, Raval MV. Interventions for Postsurgical Opioid Prescribing: A Systematic Review. *JAMA Surgery*. 2018;153(10):948-954.

TECHNICAL PAPERS

1. **Wetzel, M**. A Table 1 Macro that Produces Publication-Ready Results: %Table1nDone. Southeastern SAS Users Group Conference. 2019 Oct; Paper RV-216.

2. **Wetzel, M.** User-Defined Functions that Concatenate Statistics for Standard Reporting. Southeastern SAS Users Group Conference. 2019 Oct; Paper RV-217.

PRESENTATIONS

1. Wetzel M, Howard DH, Giordano NA, Patrick SW, Yarbrough CR (June 2025). Do controlled substance restrictions affect adherence? The case of gabapentin scheduling in Virginia. Poster presentation at AcademyHealth Annual Research Meeting, Minneapolis, MN
2. Wetzel, M and Yarbrough, CR (June 2023). Do Must-Access Prescription Drug Monitoring Programs (PDMPs) Influence Pain in Older Adults? Poster presentation at AcademyHealth Annual Research Meeting, Seattle, WA.
3. Wetzel, M. (October 2019). A Table 1 Macro that Produces Publication-Ready Results: %Table1nDone. Oral presentation at the Southeastern SAS Users Group Conference, Williamsburg, VA.
4. Wetzel, M. (October 2019). User-Defined Functions that Concatenate Statistics for Standard Reporting. Oral presentation at the Southeastern SAS Users Group Conference, Williamsburg, VA.
5. Wetzel M, Hockenberry JM, Raval MV. (July 2019). Opioid Fills in Children Undergoing Surgery from 2011 to 2014: Relationships Between Age, Initial Days Supplied, and Refills. Oral presentation at the American College of Surgeons Quality and Safety Conference, Washington, DC.
6. Wetzel M, Yarbrough C, von Esenwein S, Hockenberry JM. (May 2018). Unintended Consequences of Prescription Drug Monitoring Programs. Oral presentation at the Health Services Research Day, Atlanta, GA.

AWARDS

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| 2022 | Livingston Fellowship – Recognition of achievements as a doctoral student |
| 2018 | Charles C Shepard Award – Recognition of most scholarly thesis in the Rollins School of Public Health |
| 2017 | Ruth J. Katz Award for Excellence in Health Policy – Student research grant |
| 2016 | Merit Scholarship Awardee, Rollins School of Public Health, Emory University |
| 2011 | Alumni Association Outstanding Graduate in the Social Sciences, Arizona State University |
| 2011 | Roger Adelson Honors Thesis Prize, Arizona State University |

TEACHING

Teaching Assistant, HPM 730: Theory-Based Research Design, Fall 2023

Teaching Assistant, HPM 501: Health Policy and Resource Allocation, Fall 2021

ADDITIONAL INFORMATION

GitHub: <https://github.com/mpwetzels/SAS4Academia>

PubMed: <https://www.ncbi.nlm.nih.gov/myncbi/1N5YB0adtpi5b/bibliography/public/>