

Paige D Wartko

Kaiser Permanente Washington Health Research Institute
1730 Minor Avenue, Ste. 1600, Seattle, WA, 98102
Email: paige.d.wartko@kp.org
Phone: (843) 301-1906

EDUCATIONAL AND BIOGRAPHICAL INFORMATION

PhD, Department of Epidemiology, University of Washington, *August 2018*
MPH, Department of Epidemiology, Maternal and Child Health Leadership Program,
University of Washington, *June 2015*
BS, Department of Public Health Sciences, Clemson University, *August 2012*

PROFESSIONAL POSITIONS

Current Position

- **Research Associate II**, Kaiser Permanente Washington Health Research Institute, Seattle, WA, *October 2018–present*

Research Experience

- Graduate student researcher: Antidepressant use in pregnancy and gestational diabetes, maternal gestational weight gain, and infant birth weight (dissertation project), Kaiser Permanente Washington Health Research Institute, *2015–2018*
- Graduate student researcher: Cannabis use in pregnancy; prevalence and qualitative analysis, Kaiser Permanente Washington Health Research Institute, *2017–2018*
- Epi Scholars Program, Assessment, Policy Development, and Evaluation Unit, Public Health - Seattle & King County, *June–August 2014*
- Summer Fellow, Hormonal and Reproductive Epidemiology Branch (now the Metabolic Epidemiology Branch), National Cancer Institute, *June–September 2012*

PROFESSIONAL HONORS

- Samuel and Althea Stroum Endowed Graduate Fellowship, University of Washington Diabetes Research Center, *April 2017–March 2018*
- Scholarship recipient, Summer Institute for Statistics in Big Data, University of Washington, *July 2017*
- Reproductive, Perinatal, and Pediatric Epidemiology Training Grant Fellowship, *September 2014–March 2017*
- Outstanding Master's Student Award, Department of Epidemiology, University of Washington, *May 2015*
- Maternal and Child Health Traineeship, University of Washington, *September 2013–June 2014*
- National Merit Scholarship, *2008–2012*
- Emerging Leader Award, College of Health, Education and Human Development, Clemson University, *2012*
- Scholastic Achievement Award, Department of Public Health, Clemson University, *2012*
- Susan Delony Academic Achievement Award, Michelin Career Center, Clemson University, *2012*
- Undergraduate Faculty Scholarship Award, Clemson University, *2012*

MEMBERSHIPS

- Member, Society for Pediatric and Perinatal Epidemiologic Research
- Member, Society for Epidemiologic Research
- Member, International Society for Pharmacoepidemiologic Research

ORGANIZATIONAL SERVICE

- Research Associates' Representative for KPWHRI Institute Steering Committee, Jul 2020–present

OTHER PROFESSIONAL SERVICE

- Program Committee Co-Chair, Student and Postdoc Committee, Society for Epidemiologic Research, 2018-2020
- Epidemiology Student Representative: Works in Progress Coordinator, Department of Epidemiology, University of Washington, 2017-2018
- Epidemiology Seminar Committee Member, Department of Epidemiology, University of Washington, 2014-2016
- Epi Expo Co-Chair, Department of Epidemiology, University of Washington, 2014–2015
- Maternal and Child Health Student Ambassador, Maternal and Child Health Leadership Training Program, University of Washington, 2014–2015

SPECIAL NATIONAL RESPONSIBILITIES

- Patient-Centered Outcomes Research Institute (PCORI) Cycle 2, 2021 Intellectual and/or Developmental Disabilities & Assessment of Prevention, Diagnosis, and Treatment Options Merit Review Panel. September 2021-December 2021

EDITORIAL RESPONSIBILITIES

- Ad-hoc Journal Peer-Reviewer:
 - Pharmacoepidemiology & Drug Safety, 2020
 - Annals of Internal Medicine, 2019, 2020
 - Journal of Women's Health, 2018
- Invited abstract reviewer – International Conference on Pharmacoepidemiology, 2018
- Invited abstract reviewer – Society for Pediatric and Perinatal Epidemiologic Research, 2017

RESEARCH FUNDING

Current Funding

- Contract #: CW149304. GlaxoSmithKline. 9/9/2020-9/8/2022. GSK Pregnancy. Direct Costs: \$302,486. Role: Key Personnel.
- Grant #: 2UG1 DA04031406. National Institute on Drug Abuse. 6/1/2017-2/28/2022. PROUD. Direct Costs: \$8,601,335. Role: Key Personnel.
- Grant #: Ro1 DA044970. National Institute on Drug Abuse. 3/15/2018-12/31/2021. STRIPE. Direct Costs: \$1,169,474. Role: Key Personnel.

Completed Funding

- Kaiser Permanente Washington Health Research Institute Development Fund. 1/1/2019-12/31/2019. Preg Data. Direct Costs: \$86,918. Role: Key Personnel.
- Grant #: Ro1 DA044970. Syneos Health. 9/1/2016-1/31/2023. MUSE 1A Phase II. LTD10120. Direct Costs: \$8,447,266. Role: Key Personnel (2016-2020).
- Grant #: U01CE002967. Centers for Disease Control and Prevention. 9/30/2018-9/29/2022. STOPFalls. Direct Costs: \$1,467,864. Role: Key Personnel.

TEACHING AND MENTORING RESPONSIBILITIES

Teaching Positions

- Teaching Assistant, Preparing, Writing and Critiquing Scientific Research Proposals (graduate level course), Department of Epidemiology, University of Washington, *Spring 2018*
- Adjunct Faculty, Statistical Research Methods, Department of Allied Health, Lake Washington Institute of Technology, *Autumn 2017*
- Teaching Assistant, Exposure Measurement/Advanced Epidemiologic Methods I (graduate level course), Department of Epidemiology, University of Washington, *Autumn 2016*
- Teaching Assistant, Epidemiologic Methods I & II (graduate level courses), Department of Epidemiology, University of Washington, *Autumn 2015 - Winter 2016*

Guest Lectures

- Invited lecture, University of Washington School of Public Health. EPI/Pharm 533, Pharmacoepidemiology. "Inverse probability of treatment weighting to address confounding." May 4, 2020.
- Invited lecture, University of Washington Department of Psychiatry & Behavioral Sciences. Presented to University of Washington Psychiatry Fellows for the Women's Mental Health Fellowship program. "Interpreting the perinatal pharmacoepidemiology literature." September 23, 2020.

PUBLICATIONS

Published Papers in Refereed (Peer-Reviewed) Journals

1. **Wartko PD**, Boudreau DM, Turner JA, Cook AJ, Wellman RD, Fujii MM, Garcia RC, Moser KA, Sullivan MD. STRategies to Improve Pain and Enjoy life (STRIFE): Protocol for a pragmatic randomized trial of pain coping skills training and opioid medication taper guidance for patients on long-term opioid therapy. *Contemp Clin Trials*. 2021 Jul 1:106499. doi: 10.1016/j.cct.2021.106499. Online ahead of print.
2. **Wartko PD**, Weiss NS, Enquobahrie DA, Chan KCG, Stephenson-Famy A, Mueller BA, Dublin S. Association of antidepressant continuation in pregnancy and infant birthweight. *J Clin Psychopharmacol*. 2021 Jul-Aug 01;41(4):403-413. doi: 10.1097/JCP.0000000000001410. PMC8423453.
3. Campbell CI, Saxon AJ, Boudreau DM, **Wartko PD**, Bobb JF, Lee AK, Matthews AG, McCormack J, Liu DS, Addis M, Altschuler A, Samet JH, Labelle C, Arnsten J, Caldeiro RM, Borst DT, Stotts AL, Braciszewski JM, Szapocznik J, Bart GB, Schwartz RP, McNeely J, Liebschutz JM, Tsui JI, Merrill JO, Glass JE, Lapham GT, Murphy SM, Weinstein ZM, Yarborough BJH, Bradley KA. PRimary Care Opioid Use Disorders treatment (PROUD) trial protocol: a pragmatic, cluster-randomized implementation trial in primary care for opioid use disorder treatment. *Addict Sci Clin Pract*. 2021 Jan 31;16(1):9. <https://doi.org/10.1186/s13722-021-00218-w>. PMC7849121.
4. **Wartko PD**, Weiss NS, Enquobahrie DA, Chan KCG, Stephenson-Famy A, Mueller BA, Dublin S. Maternal gestational weight gain in relation to antidepressant continuation in pregnancy. *Am J Perinatol*. 2020 Nov;38(13):1442-1452. doi: 10.1055/s-0040-1713652. PMC8487259.
5. **Wartko PD**, Weiss NS, Enquobahrie DA, Chan KCG, Stephenson-Famy A, Mueller BA, Dublin S. Antidepressant continuation in pregnancy and risk of gestational diabetes. *Pharmacoepidemiol Drug Saf*. 2019 Sep;28(9):1194-1203. doi: 10.1002/pds.4799. PMC6728166.
6. Chen L, Pocobelli G, Yu O, Shortreed SM, Osmundson SS, Fuller S, **Wartko PD**, McCulloch D, Warwick S, Newton KM, Dublin S. Early Pregnancy Hemoglobin A_{1c} and Pregnancy Outcomes: A Population-Based Study. *Am J Perinatol*. 2019 Aug;36(10):1045-1053. doi: 10.1055/s-0038-1675619. PMC6612540.
7. Pocobelli G, Onchee Y, Fuller S, Fraser JR, **Wartko PD**, Chen L, Newton K, Dimer J, McCulloch D, Warwick S, Dublin S. One-Step Approach to Identifying Gestational Diabetes Mellitus: Association with Perinatal Outcomes. *Obstet Gynecol*. Oct 2018; 132(4):859-867. doi: 10.1097/AOG.0000000000002780.
8. **Wartko PD**, Beck TL, Reed SD, Mueller BA, Hawes SE. Association of endometrial hyperplasia and cancer with a history of gestational diabetes. *Cancer Causes Control*. 2017 Aug; 28(8):819-828. doi: 10.1007/s10552-017-0908-9. PMC8487256.

9. Badon SE, Enquobahrie DA, **Wartko PD**, Miller RS, Qiu C, Gelaye B, Sorensen TK, Zhang C, Williams MA. Healthy lifestyle during early pregnancy and risk of gestational diabetes mellitus. *Am J Epidemiol*. 2017 Aug 1; 186(3):326-333. doi: 10.1093/aje/kwx095. PMC5860043.
10. **Wartko PD**, Wong EY, Enquobahrie DA. Maternal birthplace is associated with low birth weight within racial/ethnic groups. *Matern Child Health J*. 2017 Jun; 21(6):1358-1366. doi: 10.1007/s10995-016-2241-2244. PMC5445006.
11. Badon SE, **Wartko PD**, Qiu C, Sorensen TK, Williams MA, Enquobahrie DA. Leisure time physical activity and gestational diabetes mellitus in the Omega study. *Med Sci Sports Exerc*. 2016 Jun; 48(6): 1044-1052. doi: 10.1249/MSS.0000000000000866. PMC4868777.
12. **Wartko P**, Sherman ME, Yang HP, Felix AS, Brinton LA, Trabert B. Recent changes in endometrial cancer trends among menopausal-age US women. *Cancer Epidemiol*. 2013 Aug; 37(4):374-377. doi: 10.1016/j.canep.2013.03.008. PMC3679300.

Invited Commentaries/Editorials

1. Dublin S, **Wartko PD**, Mangione-Smith R. Studying medication safety in pregnancy: a call for new approaches, resources and collaborations. *Pediatrics*. 2020 Jul;146(1):e20201540. doi: 10.1542/peds.2020-1540. [Epub 2020 Jun 8.]

Non-Refereed Papers/Articles

1. Boggs W, expert commenter: **Wartko PD**. “Increased Risk of Gestational Diabetes Seen With Some Antidepressants.” Reuters news article published on the Psychiatry & Behavioral Health Learning Network website. <https://www.psychcongress.com/article/increased-risk-gestational-diabetes-seen-some-antidepressants>. [Epub Oct 3, 2019]
2. Badon SE and **Wartko PD**. Active Voice: Exercising for Two — Physical Activity during Pregnancy to Prevent Gestational Diabetes. *Sports Medicine Bulletin; A Weekly News and Sports Resource from the American College of Sports Medicine*. <https://www.multibriefs.com/briefs/acsm/active100416.htm> [Epub Oct 3, 2016]

INVITED PRESENTATIONS

1. **Wartko PD**, Bobb JF, Bushey M, Bradley KA. National Institute on Drug Abuse Clinical Trials Network Summer Webinar Series on Real World Data: Pragmatic trials to improve treatment of opioid use disorder in primary care using real world data: PROUD and MI-CARE— Unique approaches and lessons learned; July 21, 2021.

OTHER PRESENTATIONS

Workshops

1. Fuoco MJ, Lee AK, **Wartko PD**, Hamilton PD, Glass JE, Lapham GT, Matthews AG, McCormack J, Debar L, Saxon AJ, Bradley KA. Conducting Pragmatic Trials of Interventions to Improve Care for Substance Use in Medical Settings: Lessons from 4 Trials. Accepted at the 2022 College on Problems of Drug Dependence Annual Scientific Meeting; planned for June 13, 2022; Minneapolis, MN.

Oral Presentations

1. **Wartko PD**, Weiss NS, Enquobahrie DA, Chan KCG, Stephenson-Famy A, Mueller BA, Dublin S. Validity of maternal weight and gestational weight gain measures from birth certificates [oral presentation]. Presented at: Annual Meeting of the Society for Epidemiologic Research; June 20, 2019; Minneapolis, MN.
2. **Wartko PD**, Weiss NS, Enquobahrie DA, Chan KCG, Stephenson-Famy A, Mueller BA, Dublin S. Scientific Seminar: Antidepressant medication continuation during pregnancy and perinatal outcomes, including gestational weight gain, gestational diabetes, and birthweight [oral

- presentation]. Presented at the Kaiser Permanente Washington Health Research Institute Scientific Seminar; May 28, 2019; Seattle, WA.
3. **Wartko PD**, Weiss NS, Enquobahrie DA, Chan KCG, Stephenson-Famy A, Mueller BA, Dublin S. Antidepressant continuation in pregnancy in relation to infant birthweight [oral presentation]. Presented at: Health Care Systems Research Network Annual Meeting; Apr 8, 2019; Portland, OR.
 4. **Wartko PD**, Tuzzio L, DiJulio B. Epi 101: Survey design, data collection, data quality [oral presentation]. Presented at the Kaiser Permanente Washington Health Research Institute Epi 101 course; Mar 7, 2019; Seattle, WA.
 5. **Wartko PD**, Weiss N, Enquobahrie DA, Mueller BA, Chan GKC, Stephenson-Famy A, Dublin S. Association of antidepressant continuation in pregnancy with maternal gestational weight gain and gestational diabetes [oral presentation]. Presented at: Annual Meeting of the International Conference on Pharmacoepidemiology; Aug 25, 2018; Prague, Czech Republic.
 6. Pocobelli G, Warwick S, Dimer J, Yu O, Fuller S, Fraser J, **Wartko PD**, Chen L, Newton KM, McCulloch D, Dublin S. Maternal and neonatal outcomes in relation to adoption of the 1-step approach to identifying gestational diabetes mellitus [oral presentation]. Presented at: Annual Meeting of the Society for Maternal Fetal Medicine; Feb 2, 2018; Dallas, TX.
 7. Badon SE, **Wartko PD**, Qiu C, Williams MA, Enquobahrie DA. Maternal leisure time physical activity and pregnancy complications: the Omega study [oral presentation]. Presented at: American College of Sports Medicine 62nd Annual Meeting; May 29, 2015; San Diego, CA.
 8. **Wartko PD**, Wong EY. Assessing low birth weight by detailed racial/ethnic groups, King County, 2008-2012 [oral presentation]. Presented to: Assessment, Policy Development and Evaluation Unit at Public Health – Seattle & King County and community groups; August 12 and 18, 2014; Seattle, WA.

Poster Presentations

1. **Wartko PD**, Howe A, Shortreed SM, Mangione-Smith R, Dublin S. Trends in anti-nausea medication use in pregnancy in New Zealand, 2006-2016 [poster]. 36th International Conference on Pharmacoepidemiology and Therapeutic Risk Management (ICPE All Access virtual meeting); September 16, 2020.
2. **Wartko PD**, Dublin S, Kiel L, Ewing J, Albertson-Junkans L, Hsu C, Lapham G. Prevalence and frequency of cannabis use among pregnant women in a large health care system in Washington State [poster]. Presented at: Annual Meeting of the Society for Pediatric and Perinatal Epidemiologic Research; June 19, 2018; Baltimore, MD.
3. **Wartko PD**, Weiss N, Enquobahrie DA, Mueller BA, Chan GKC, Stephenson-Famy A, Dublin S. Association of antidepressant continuation in pregnancy with maternal gestational weight gain, gestational diabetes and infant birth weight [poster]. Presented at: Annual Meeting of the Society for Pediatric and Perinatal Epidemiologic Research; June 19, 2018; Baltimore, MD.
4. Chen L, Pocobelli G, Shortreed SM, Osmundson S, Fuller S, **Wartko P**, McCulloch D, Warwick S, Newton KM, Dublin S. Early Pregnancy Hemoglobin A_{1c} Values and Pregnancy Outcomes: a Population-Based Study [poster]. Society for Maternal Fetal Medicine; Feb 2, 2018; Dallas, TX.
5. Badon SE, Enquobahrie DA, **Wartko PD**, Miller RS, Qiu C, Gelaye B, Williams MA. Healthy lifestyle during early pregnancy and risk of gestational diabetes mellitus [poster]. Presented at: 2016 Epidemiology Congress of the Americas, June 23, 2016; Miami, FL.
6. Beck TL, Urban RU, Reed SD, Mueller BA, Hawes SE, **Wartko PD**. Gestational diabetes may increase risk of endometrial cancer later in life - results of a population-based study in Washington State; 1987-2012 [poster]. Presented at: Society of Gynecologic Oncology 2015 Annual Meeting on Women's Cancers; March 28, 2015; Chicago, IL.
7. **Wartko PD**, Mueller BA, Reed SD, Hawes SE, Beck TL. Association of endometrial hyperplasia or cancer with a history of gestational diabetes - results from a population-based study in Washington State, 1987-2013 [poster]. Presented at: 28th Annual Meeting of the Society for Pediatric and Perinatal Epidemiologic Research; June 16, 2015; Denver, CO.

8. **Wartko PD**, Wong EY, Enquobahrie DA. Low birth weight among detailed racial and ethnic groups by maternal country of origin [poster]. Presented at: 28th Annual Meeting of the Society for Pediatric and Perinatal Epidemiologic Research; June 16, 2015; Denver, CO.
9. **Wartko PD**, Sherman ME, Yang HP, Felix AS, Brinton LA, Trabert B. Recent changes in endometrial cancer trends among menopausal-age US women [poster]. Presented at: National Institutes of Health Summer Poster Day; August 9, 2012; Bethesda, MD and National Cancer Institute Division of Cancer Epidemiology and Genetics Summer Poster Session; August 10, 2012; Rockville, MD.
10. **Wartko PD**, Spitler H, Truong KD. Drinking behaviors of US women related to pregnancy across racial and ethnic groups [poster]. Presented at: Clemson University College of Health, Education and Human Development Research Forum; April 19, 2012; Clemson, SC.