

Curriculum vitae

BRIAN W. WHITCOMB, PhD

Department of Biostatistics and Epidemiology
School of Public Health and Health Sciences
433 Arnold House, 715 North Pleasant Street
University of Massachusetts Amherst
Amherst, MA 01003-9304
(413) 577-7440
Email: bwhitcomb@schoolph.umass.edu
Twitter: @brianwwhitcomb

Professional Appointments

- 2014 – current: Associate Professor of Epidemiology, Department of Biostatistics and Epidemiology, University of Massachusetts, Amherst.
2008 – 2014: Assistant Professor of Epidemiology, Division of Biostatistics and Epidemiology, University of Massachusetts, Amherst.

Education and Training

- 2006 – 2008: Postdoctoral fellow, Reproductive Epidemiology and Methodology, Epidemiology Branch, *Eunice Kennedy Shriver* National Institute of Child Health and Human Development, Rockville, MD.
2002 – 2006: Ph.D., Epidemiology, Department of Epidemiology and Preventive Medicine, School of Medicine, University of Maryland, Baltimore, MD.
1990 – 1994: B.A., Molecular and Cell Biology, University of California at Berkeley, Berkeley, CA.

Research and Work Experience

- 2004-2006: Pre-doctoral Research Fellow, *Eunice Kennedy Shriver* National Institute of Child Health and Human Development, Rockville, Maryland.
2003: *Eunice Kennedy Shriver* National Institute of Child Health and Human Development Intramural Summer Program. Project title: Causal Inference in Reproductive Epidemiology.
2002: *Eunice Kennedy Shriver* National Institute of Child Health and Human Development Intramural Summer Program. Project title: Relative Concentrations of Organochlorine Pesticides and Polychlorinated Biphenyls in Adipose Tissue and Serum of Women of Reproductive Age
2001-2002: Research Associate/Study Coordinator, EISNER Study – Cedars Sinai Medical Center; a clinical trial in cardiology imaging
1995-1996: Laboratory Technician, University of Chicago, Department of Molecular Genetics and Cell Biology, laboratory of Dr. Nava Segev
1993-1994: Undergraduate Research Assistant, University of California at Berkeley, Department of Molecular and Cell Biology, laboratory of Dr. Randy Schekman

Awards and Honors

Mentoring Award, Society for Perinatal and Pediatric Epidemiologic Research, 2020
Public Engagement Project Fellow, UMass, 2019
Delta Omega Public Health Honor Society Inductee, 2019
UMass SPHHS Outstanding Teacher Award Nominee, 2012, 2013, 2014, 2018
Outstanding Reviewer, Human Reproduction, 2015-16
UMass Distinguished Teaching Award Nominee, 2013-14
Research Scholar, UMass Center for Research and Education in Women's Health, 2011-2012
Finalist, Earl Stadtman Investigator, 2011
Outstanding Service, Johns Hopkins Bloomberg School of Public Health, 2007 – 2008
National Institutes of Health Merit Award, 2007
Society for Epidemiologic Research Student Dissertation Workshop, Toronto, Canada, 2005
Student Poster Prize, Session II, Society for Epidemiologic Research, Salt Lake City, Utah, 2004
National Institutes of Health Intramural Research Training Award, 2002, 2003
University of Maryland Baltimore Graduate Student Merit Award, 2002

Research and External Support

Current

- 2019 – 2022 NIH R01-ES030942
Determining how preconception exposure to phthalates impacts sperm function, the ViCTER study
Co-investigator (PI: JR Pilsner)
Total costs: \$1,505,597
- 2019 – 2021 NIH R21-ES029686
Programming effects of flame retardants on lipid metabolism in a longitudinal birth cohort
Principal Investigator (mPI project co-PIs: A Suvorov, L Takser)
Total costs: \$409,206
- 2018 – 2023 NIH R01-ES028298
Paternal preconception phthalates and reproductive health – potential mediation through sperm DNA methylation
Co-investigator (PI: JR Pilsner)
Total costs: \$1,128,613
- 2016 – 2021 NIH R01- AA024774
Adolescent binge drinking and effects on adult brain and behavior: the importance of sex differences
Co-investigator (PI: HN Richardson)
Total costs: \$1,772,494

Completed

- 2014 – 2019 NIH R01-HD078517
Predictors of early menopause
Co-investigator (PI: ER Bertone-Johnson)
Total costs: \$3,129,260
- 2014 – 2019 NIH R01-HD080952
The reproductive window in young adult cancer survivors
Principal Investigator of subcontract (Project PI: HI Su)
Total costs: \$2,555,126

Prior to tenure

- 2012 – 2015 NIH R21-HL115357
Premenstrual Syndrome and Risk of Subsequent Hypertension
Co-investigator (PI: ER Bertone-Johnson)
Total costs: \$390,052

- 2012 – 2015 Collaborative Biomedical Research Grants, Baystate Medical Center
Patterns of Inflammation in Normal Gestation (PING)
Principal Investigator
Total costs: \$25,000
- 2012 – 2014 NIH R21-AA021013-01
Effect of Voluntary Binge Drinking on the Prefrontal Cortex in Adolescent Rats
Co-investigator (PI: HN Richardson)
Total costs: \$380,146
- 2011 – 2013 Oncofertility Consortium – NIH UL1 RR024926
Fertility Information Research Study – FIRST in Young Cancer Survivors
Co-investigator (PI: HI Su)
- 2009 – 2011 Faculty Research Grants, University of Massachusetts, Amherst
Correlation of Cytokines in Serum and Urine During the Menstrual Cycle
Principal Investigator
Total costs: \$10,000
- Prior to UMass*
- 2006 – 2008 Eunice Kennedy Shriver National Inst. of Child Health & Human Development
The EAGeR Randomized Trial
Co-investigator (PI: EF Schisterman)
- 2005 – 2007 Eunice Kennedy Shriver National Inst. of Child Health & Human Development
The BioCycle Study
Co-investigator (PI: EF Schisterman)

Publications in Peer Reviewed Journals (124 in total)

* First author is a supervised student mentee

1. Oluwayiose OA, Wu H, Saddiki H, **Whitcomb BW**, Balzer LB, Brandon N, Suvorov A, Tayyab R, Sites C, Marcho C, Pilsner JR. Sperm DNA methylation mediates the association of male age on reproductive outcomes among couples undergoing infertility treatment. (Accepted – *Scientific Reviews*)
2. Kim J, **Whitcomb BW**, Kwan B, Zava D, Sluss PM, Dietz A, Shliakhsitasava K, Romero SAD, Natarajan L, Su HI. Psychosocial stress and ovarian function in adolescent and young adult cancer survivors. *Hum Reprod.* 2021 Jan 25;26(2):405-414. PMC7829546.
3. Banack HR, Lesko C, **Whitcomb BW**, Kobayashi LC. Teaching epidemiology online (pandemic edition). *Am J Epidemiol* (Online ahead of print Dec 23, 2020).
4. **Whitcomb BW**, Naimi AI. Defining, quantifying, and interpreting ‘noncollapsibility’ of epidemiologic measures of “effect.” *Am J Epidemiol* (Online ahead of print Dec 11, 2020).
5. Lynch KE, Gatsby E, Viernes B, Schliep K, **Whitcomb BW**, Alba P, DuVall SL, Blosnich JR. Evaluation of suicide mortality among sexual minority US Veterans, 2000-2017. *JAMA Netw Open* 2020 Dec 1;3(12):e2031357.
6. Medica ACO, **Whitcomb BW**, Shliakhsitasava K, Dietz A, Pinson K, Lam C, Romero SAD, Sluss P, Sammel MD, Su HI. Beyond premature ovarian insufficiency: characterizing reproductive aging in adolescent and young adult cancer survivors. *J Clin Endocrinol Metab* 2021 Jan 23;106(2):e1002-e1013. PMC7823232
7. Oluwayiose OA, Josyula S, Houle E, Marcho C, **Whitcomb BW**, Tayyab R, Sites C, Pilsner JR. Association between sperm mitochondrial DNA copy number and nuclear DNA methylation. *Epigenomics* (accepted, in press)
8. Rosati A, **Whitcomb BW**, Brandon N, Buck Louis GM, Mumford SL, Schisterman EF, Pilsner JR. Sperm mitochondrial DNA biomarkers and couple fecundity: the Longitudinal Investigation of Fertility and the Environment (LIFE) Study. *Hum Reprod.* 2020 Nov 1;35(11):2619-2625. PMC7603861
9. Drizin JH, **Whitcomb BW**, Hsieh M, Gorman JR. Higher reproductive concerns associated with fertility counseling: a cross-sectional study of young adult male cancer survivors. *Support Care Cancer* 2021 Feb;29(2):741-750. PMID: 32451700
10. Correia KFB, Dodge LE, Farland LV, Hacker MR, Ginsburg E, **Whitcomb BW**, Wise LA, Missmer SA. Confounding and Effect Modification in Reproductive Medicine Research. *Human Reproduction* 2020 May;35(5)1013-1018.
11. Su HI, Kwan B, **Whitcomb BW**, Shliakhsitasava K, Dietz A, Stark SS, Martinez E, Sluss P, Sammel MD, Natarajan L. Modeling variation in the reproductive lifespan of female

- adolescent and young adult cancer survivors using AMH. *J Clin Endocrinol Metab* 2020 Aug 1;105(8):2740-2751. PMID: PMC7329316
12. **Whitcomb BW**. Invited Commentary: Theoretical considerations and real-world challenges for research of proxy exposures and ovarian reserve. *Am J Epidemiol* 2020 Apr 3 (ePub). PMID: 32242609
 13. Naimi AI, **Whitcomb BW**. Estimating risk ratios and risk differences using regression. *Am J Epidemiol* 2020 June 1;189(6):508-510. PMID: 32219364
 14. **Whitcomb BW**, Naimi AI. Things don't always go as expected: the example of non-differential misclassification of exposure – bias and error. *Am J Epidemiol* 2020 May 5;189(5):365-368. PMID: 32080716
 15. Naimi AI, **Whitcomb BW**. Can confidence intervals be interpreted? *Am J Epidemiol* 2020 Jul 1;189(7):631-633. PMID: 31994696
 16. *Russo LM, **Whitcomb BW**, Freeman JR, Mumford SL, Sjaarda LA, Perkins NJ, Schliep KC, Grewal J, Silver RM, Schisterman EF. Physical activity and incidence of subclinical and clinical pregnancy loss: a secondary analysis in the EAGeR randomized trial. *Fertil Steril* 2020 Mar; 113(3):601-608.e1 PMID: 32192592
 17. Langton CR, **Whitcomb BW**, Purdue-Smithe AC, Liedy-Sievert LL, Hankinson SE, Manson JE, Rosner BE, Bertone-Johnson ER. Association of parity and breastfeeding with risk of early natural menopause. *JAMA Netw Open* 2020 Jan 3;3(1):e1919615. PMC6991272
 18. Lam CM, Shliakhtsitsa K, Stark SS, Medica ACO, Pinson KA, **Whitcomb BW**, Su HI. Reproductive Intentions in Childless Female Adolescent and Young Adult Cancer Survivors. *Fertil Steril* 2020 Feb;113(2):392-399. PMC7112460
 19. Hadnott TN, Stark S, Medica A, Dietz A, Martinez ME, **Whitcomb BW**, Su HI. Perceived Infertility and Contraceptive Use in the Female, Reproductive Age Cancer Survivor. *Fertil Steril* 2019 Apr;111:763-771. PMC6446574
 20. Houghton SC, Manson JE, **Whitcomb BW**, Hankinson SE, Troy LM, Bigelow C, Bertone-Johnson ER. Protein intake and the risk of premenstrual syndrome. *Public Health Nutr.* 2019 Jul;22(10):1762-1769 PMID: 6554041.
 21. Wu H, Huffman A, **Whitcomb BW**, Rosati A, Rahil T, Sites C, Pilsner JR. Sperm mitochondrial DNA measures and semen parameters among men undergoing fertility treatment. *ReproBioMedicine Online* 2019 Jan;38:66-75. PMC6339832
 22. Young K, Shliakhtsitsava K, Romero SAD, Gorman JR, Roberts SR, **Whitcomb BW**, Su HI. Fertility counseling and subsequent reproductive concerns among adolescent and young adult cancer survivors. *Cancer* 2019 Mar;125:980-989. PMC6402962

23. Xu H, Qian J, Zhang X, **Whitcomb BW**, Rexrode KM, Hankinson SE, Balasubramanian R. Estimating the receiver operating characteristic curve in matched case control studies. *Statistics in Medicine* 2019 Feb;38:437-451. PMC6768691
24. Wu H, **Whitcomb BW**, Huffman A, Brandon N, Labrie S, Tougias E, Lynch K, Rahil T, Sites CK, Pilsner JR. Associations of Sperm Mitochondrial Copy Number and Deletion Rate with Fertilization and Embryo Development in a Clinical Setting. *Human Reproduction* 2019 Jan; 34: 163-170. PMC6295960
25. Jung SJ, Roberts AL, Chocano P, **Whitcomb BW**, Missmer SA, Manson JE, Hankinson SE, Bertone-Johnson ER, Koenen KC. PTSD and development of PMS in a longitudinal cohort of women. *Archives of Women's Mental Health* 2019 Aug;22(4):535-539 (ePub Oct 6, 2018)
26. Purdue-Smith A, **Whitcomb BW**, Szegda KL, Boutot ME, Manson JE, Hankinson SE, Rosner BA, Troy LM, Michels KB, Bertone-Johnson ER. A prospective study of dairy intake and early menopause. *American Journal of Epidemiology* 2019 Jan;188:188-196. PMC6321800
27. *Freeman JR, **Whitcomb BW**, Roy A, Bertone-Johnson ER, Reich NG, Healy AJ. A pilot longitudinal study of anti-Müllerian hormone levels throughout gestation in low risk pregnancy. *Health Science Reports* 2018 Jun 19;1(8):e53. PMC6266452
28. Zhao M, **Whitcomb BW**, Purdue-Smithe AC, Manson JE, Hankinson SE, Rosner BA, Bertone-Johnson ER. Physical Activity is not related to risk of early menopause in a large prospective study. *Human Reproduction* 2018 Oct 1;33(10):1960-1967. PMC6145408
29. Purdue-Smithe AC, **Whitcomb BW**, Manson JE, Manson JE, Hankinson SE, Troy LM, Rosner BA, Bertone-Johnson ER. Vitamin D status is not associated with risk of early menopause. *Journal of Nutrition* 2018 Sep 1;148(9):1445-1452. PMC6454521
30. **Whitcomb BW**, Purdue-Smithe AC, Hankinson SE, Manson JE, Rosner BA, Bertone-Johnson ER. Menstrual cycle characteristics in youth and adolescence and risk of early natural menopause. *J Clin Endocrinol Metab* 2018 Oct;103:3909-3918. PMC6179161
31. Bertone-Johnson ER, Manson JE, Purdue-Smithe AC, Hankinson SE, Rosner BA, **Whitcomb BW**. A prospective study of inflammatory biomarker levels and risk of early menopause. *Menopause* 2019 ;26:32-38. PMC6309942
32. Medica ACO, Stark SS, Hadnott TN, Dietz AC, Romero SAD, Natarajan L, Martinez E, **Whitcomb BW**, Su HI. Use of Emergency Contraception Among Female Young Adult Cancer Survivors. *Fertility and Sterility* 2018 Jun;109(6):1114-1120.e1 PMC6020163
33. Bertone-Johnson ER, Manson JE, Purdue-Smithe AC, Steiner AZ, Eliassen AH, Hankinson SE, Rosner BA, **Whitcomb BW**. Anti-Müllerian hormone levels and incidence of early natural menopause in a prospective study. *Human Reproduction* 2018 Jun 1;33:1175-82.

PMC6366539

34. *Russo LM, **Whitcomb BW**, Mumford SL, Hawkins M, Radin RG, Schliep KC, Silver RM, Perkins NJ, Kim K, Omosigho UR, Kuhr DL, Holland TL, Sjaarda LA, Schisterman EF. A prospective study of physical activity and fecundability in women with a history of pregnancy loss. *Human Reproduction* 2018 Jul 1;33(7):1291-1298. PMC6012250
35. Lynch KE, **Whitcomb BW**, DuVall S. How Confounder Strength Can Affect Allocation of Resources in Electronic Health Records. *Perspect Health Inf Manag* 2018 Jan;15:1d. PMC5869441
36. Huffman A, Wu, H, Rosati A, Rahil T, Sites C, **Whitcomb BW**, Pilsner JR. Associations of Urinary Phthalate Metabolites and Lipid Peroxidation with Sperm Mitochondrial DNA Copy Number and Deletions. *Env Res* 2018 Feb 5;163:10-15. PMC6171500
37. Houghton SC, Manson JE, **Whitcomb BW**, Hankinson SE, Troy LM, Bigelow C, Bertone-Johnson ER. Carbohydrate and fiber intake and the risk of premenstrual syndrome. *Eur J Clin Nutr* 2018 Jun;72:861-70. PMC5990431
38. Nobles CJ, Marcus BH, Stanek EJ, Braun B, **Whitcomb BW**, Manson JE, Markenson G, Chasan-Taber L. The Health Behaviors of Ethnically Diverse Women at Increased Risk for Gestational Diabetes: The Behaviors Affecting Baby and You (B.A.B.Y.) Study. *Maternal and Child Health Journal* 2018;22(5):735-744. PMID: 28950725
39. **Whitcomb BW**, Purdue-Smithe A, Szegda K, Boutot M, Hankinson SE, Rosner B, Bertone-Johnson ER. Cigarette smoking and early natural menopause. *Am J Epidemiol* 2018;187(4):696-704 PMC5888979
40. Boutot ME, Purdue-Smithe A, **Whitcomb BW**, Szegda KL, Manson JE, Hankinson SE, Rosner BA, Bertone-Johnson ER. Dietary Protein Intake and Early Menopause in the Nurses' Health Study II. *Am J Epidemiol* 2018;187(2):270-277. PMC5860152
41. Nobles C, Marcus BH, Stanek EJ 3rd, Braun B, **Whitcomb BW**, Manson JE, Markenson G, Chasan-Taber L. The Effect of an Exercise Intervention on Gestational Weight Gain: The Behaviors Affecting Baby and You (B.A.B.Y.) Study: A Randomized Controlled Trial. *Am J Health Promotion* 2018; 32:736-744
42. Szegda KL, **Whitcomb BW**, Purdue-Smithe A, Boutot ME, Manson JE, Hankinson SE, Rosner BA, Bertone-Johnson ER. Adult Adiposity and Risk of Early Menopause. *Hum Reprod* 2017 Dec 1;32(12):2522-2531. PMC5850492
43. Houghton SC, Manson JE, **Whitcomb BW**, Hankinson SE, Troy L, Bigelow C, Bertone-Johnson ER. Intake of dietary fat and fat subtypes and risk of premenstrual syndrome in the Nurses' Health Study II. *British Journal of Nutrition* 2017 Nov;118(10):849-857. PMID: 29189192

44. Wu H, Estill MS, Shershevnev A, Suvorov A, Krawetz SK, **Whitcomb BW**, Rahil T, Sites C, Pilsner JR. Preconception urinary phthalate concentrations and sperm DNA methylation profiles among men undergoing IVF treatment: a cross-sectional study. *Hum Reprod* 2017 Nov 1;32(11):2159-2169. PMC5850785
45. Li J, Goh C, Demmer R, **Whitcomb BW**, Du P, Liu Z. Association between Serum Folate and Insulin Resistance among U.S. Nondiabetic Adults. *Scientific Reports* 2017;7(1):9187 PMC5569086
46. Shliakhtsitsava K, Romero SAD, **Whitcomb BW**, Gorman JR, Roberts SR, Su HI. Age and cancer treatment are related to receiving treatment summaries and survivorship care plans in female young adult cancer survivors. *J Adol Young Adult Oncol* 2017 Dec;6(4):573-578. PMC5725635
47. Quintana-Zinn FA, **Whitcomb BW**, Ronnenberg AG, Bigelow C, Houghton SC, Bertone-Johnson ER. Premenstrual symptom patterns and behavioral risk factors in young women: a cross-sectional study. *J Womens Health (Larchmt)* 2017 Oct;26(10):1099-1105. PMID: 28650737
48. Roberts S, Knight A, **Whitcomb BW**, Gorman J, Dietz A, Su HI. Validity of self-reported fertility-threatening cancer treatments in female young adult cancer survivors. *Journal of Cancer Survivorship* 2017;11(4):517-523. PMC5501745
49. Purdue-Smith A, **Whitcomb BW**, Szegda KL, Boutot ME, Manson JE, Hankinson SE, Rosner BA, Troy LM, Michels KB, Bertone-Johnson ER. Vitamin D and Calcium Intake and Risk of Early Menopause. *Am J Clin Nutr* 2017 Jun;105(6):1493-1501. PMC5445672
50. **Whitcomb BW**. Methods and biology in an epidemiology of consequence. Commentary. *Epidemiology* 2017;28:435-438. PMID: 28145984.
51. **Whitcomb BW**[†], Bloom MS[†], Kim S, Chen Z, Buck Louis GM. Male birthweight, semen quality and birth outcomes. (co-1st authors) *Hum Reprod* 2017;32(3):505-513. PMC5400075
52. *Abariga S, **Whitcomb BW**. Periodontitis and Gestational Diabetes Mellitus: A Systematic Review and Meta-analysis of Observational Studies. *BMC Pregnancy and Childbirth* 2016 Nov 8;16(1):344. PMC5101727
53. Wu H, Ashcraft L, **Whitcomb BW**, Rahil T, Tougias E, Sites CK, Pilsner RJ. Paternal contributions to early embryo development: influences of urinary phthalate and phthalate alternatives among couples undergoing in vitro fertilization treatment. *Human Reproduction* 2017 Jan;32(1):65-75. PMC5165081
54. Hill MJ, Healy MW, Richter KS, DeCherney AH, Patounakis G, **Whitcomb BW**. Revisiting the progesterone to oocyte ratio. *Fertil Steril* 2017 Mar;107(3):671-676.e2. PMC5337440
55. Gorman JR, **Whitcomb BW**, Standridge D, Malceme VL, Romero SAD, Roberts SC, Su HI.

- Adoption consideration and concerns among young adult female cancer survivors. *Journal of Cancer Survivorship* 2017 Feb;11(1):149-157. PMC5505638
56. Sievert LL, Begum K, Sharmeen T, Murphy L, **Whitcomb BW**, Chowdhury O, Muttukrishna S, Bentley GR. Hot flash report and measurement among Bangladeshi migrants, their London neighbors, and their community of origin. *American Journal of Physical Anthropology* 2016 Dec;161(4):620-633. PMID: 27535009
 57. Bertone-Johnson ER, Houghton SC, **Whitcomb BW**, Sievert LL, Zagarins S, Ronnenberg AG. Association of premenstrual syndrome with blood pressure in young adult women. *Journal of Women's Health* 2016 Nov;25(11):1122-1128. PMC5116659
 58. Roberts SC, Seav SM, McDade TW, Dominick SA, Gorman JR, **Whitcomb BW**, Su HI. Self-collected dried blood spots as a tool for measuring ovarian reserve in young female cancer survivors. *Hum Reprod* 2016;31(7):1570-8. PMC4901885
 59. Kim J, Mersereau JE, Su HI, **Whitcomb BW**, Gorman JR. Young female cancer survivors' use of fertility care after completing cancer treatment. *Journal of Supportive Care in Cancer* 2016;24(7): 3191-9. PMC4879047
 60. Banks N, Patounakis G, Devine K, DeCherney AH, Widra E, Levens ED, **Whitcomb BW**, Hill MJ. Is FMR1 CGG repeat length a predictor of art stimulation response or outcome? *Fertility and Sterility* 2016;105(6):1537-1546.e8 PMC6548191
 61. Frisard CF, Gu X, **Whitcomb BW**, Ma Y, Pekow P, Zorn M, Sepavich D, Balasubramanian R. Marginal structural models for the estimation of the risk of Diabetes Mellitus in the presence of elevated depressive symptoms and antidepressant medication use in the Women's Health Initiative observational and clinical trial cohorts. *BMC Endocrine Disorders* 2015, 15:56. PMID: 26458393
 62. Bloom MS[†], **Whitcomb BW**[†], Chen Z, Ye A, Kannan K, Buck Louis GM. Associations between urinary phthalate concentrations and semen quality parameters in a general population. (joint first authorship) *Human Reproduction* 2015;30(11):2645-57. PMC4605371
 63. **Whitcomb BW**, McArdle PF. Collider-stratification bias due to censoring in prospective cohort studies. *Epidemiology* 2016 Mar;27(2):e4-5. PMID: 26628423
 64. Silveira M, **Whitcomb BW**, Pekow P, Braun B, Markenson G, Dole N, Manson JE, Solomon CG, Carbone ET, Chasan-Taber L. Anxiety, depression, and oral health among US pregnant women: 2010 Behavioral Risk Factor Surveillance System. *Journal of Public Health Dentistry* 2016 Dec;76(1):56-64. PMC4752913
 65. Bertone-Johnson ER, **Whitcomb BW**, Rich-Edwards JW, Hankinson SE, Manson JE. Premenstrual syndrome and subsequent risk of hypertension in a prospective study. *American Journal of Epidemiology* 2015;182(12):1000-9. PMC5014141

66. Dominick SA, McLean MR, **Whitcomb BW**, Gorman J, Mersereau JE, Bouknight JM, Su HI. Contraception practices among female young adult cancer survivors. *Obstetrics and Gynecology* 2015 Sept;126(3):498-507. PMC4545298
67. Nobles C, Marcus BH, Stanek EJ, Braun B, **Whitcomb BW**, Solomon CG, Manson JE, Markenson G, Chasan-Taber L. Effect of an Exercise Intervention on Gestational Diabetes Mellitus: A Randomized Controlled Trial. *Obstetrics and Gynecology* 2015 May; 125(5): 1195-204. PMC4418021
68. *Russo LM, Nobles C, Ertel KA, Chasan-Taber L, **Whitcomb BW**. Physical activity interventions in pregnancy and risk of gestational diabetes mellitus: a systematic review and meta-analysis. *Obstetrics and Gynecology* 2015 Mar;125(3):576-82. PMID 25730218
69. *Nobles C, Bertone-Johnson ER, Ronnenberg A, Faraj J, Zagarins S, Takashima-Uebelhoer, **Whitcomb BW**. Correlation of urine and plasma cytokine levels among reproductive aged women. *European Journal of Clinical Investigations* 2015 May;45(5):460-5 PMID: 25721914
70. Vargas WM, Bengston L, Gilpin NW, **Whitcomb BW**, Richardson HN. Adolescent alcohol binge drinking or adult alcohol dependence reduces prefrontal myelin in male rats. *Journal of Neuroscience* 2014 Oct 29;34(44):14777-82. PMC4212071
71. Bertone-Johnson ER, **Whitcomb BW**, Missmer SA, Manson JE, Hankinson SE, Rich-Edwards JW. Early life emotional, physical and sexual abuse and the development of premenstrual syndrome. *Journal of Women's Health* 2014 Sep;23(9):729-39. PMC4158950
72. Bertone-Johnson ER, Ronnenberg AG, Houghton SC, Nobles C, Zagarins S, Takashima-Uebelhoer BB, Faraj F, **Whitcomb BW**. Association of inflammatory markers with menstrual symptoms and premenstrual syndrome in young women. *Human Reproduction* 2014 Aug;29(9):1987-94. PMID: 25035435
73. *Kotey SN, Ertel K, **Whitcomb BW**. Examination of autism as a risk factor for asthma in children in the US. *Journal of Autism and Developmental Disorders* 2014 Dec;44(12):3083-8. PMID: 24997632
74. Silveira M, **Whitcomb BW**, Pekow P, Braun B, Markenson G, Dole N, Manson JE, Solomon CG, Carbone ET, Chasan-Taber L. Perceived Psychosocial Stress and Glucose Intolerance Among Pregnant Hispanic Women. *Diabetes and Metabolism* 2014 Dec;40(6):466-75. PMC4810008
75. Dominick SA, Mersereau JE, Chung K, Gorman JR, **Whitcomb BW**, Su HI. Factors Associated with Pregnancy Attempts among Female Young Adult Cancer Survivors. *Journal of Cancer Survivorship: Research and Practice* 2014 Dec;8(4):571-9. PMC4221647
76. *Lynch KE, Mumford SL, Schliep KC, **Whitcomb BW**, Zarek SM, Pollack AZ, Bertone-Johnson ER, Donaher M, Wactawski-Wende J, Gaskins AJ, Schisterman EF. Assessment of

- Anovulation in Eumenorrhic Women: Comparison of Ovulation Detection Algorithms
Fertility and Sterility 2014 Aug;102(2):511-518.e2. PMC4119548
77. **Whitcomb BW**, Mumford SL, Perkins NJ, Wactawski-Wende J, Lynch KL, Bertone-Johnson ER, Schisterman EF. Urinary cytokine and chemokine profiles across the menstrual cycle in healthy reproductive age women. *Fertility and Sterility* 2014 May;101(5):1383-1391. PMC4008697
 78. Schisterman EF, Silver RM, Perkins NJ, Mumford SL, **Whitcomb BW**, Stanford JB, Leshner LL, Faraggi D, Wactawski-Wende J, Browne RW, Townsend JM, White M, Lynch AM, Galai N. A Randomised Trial to Evaluate the Effects of Low-dose Aspirin in Gestation and Reproduction: Design and Baseline Characteristics. *Paediatric and Perinatal Epidemiology* 2013 Nov;27(6):598-609. PMC3821875
 79. Mersereau JE, Goodman LR, Deal A, Gorman JR, **Whitcomb BW**, Su HI. To preserve or not to preserve: how difficult is the decision about fertility preservation? *Cancer* Nov 15, 2013;119(22):4044-50. PMC3935984
 80. Hill MJ, **Whitcomb BW**, Lewis T, Wu M, Terry N, DeCherney AH, Levens ED, Propst AM. Progesterone luteal support following ovulation induction and intrauterine insemination: a systematic review and meta-analysis. *Fertility and Sterility* 2013 Nov;100(5):1373-1380. PMID: 23876537
 81. *Gawade PL, **Whitcomb BW**, Chasan-Taber L, Pekow PS, Ronnenberg AG, Shah B, Plevyak MP, Markenson GR. Second stage of labor and intraventricular hemorrhage in early preterm infants in the vertex presentation. *Journal of Maternal-Fetal and Neonatal Medicine* 2013 Sept;26(13):1292-8. PMID: 23484821
 82. Bertone-Johnson ER, **Whitcomb BW**, Missmer S, Karlson EW, Rich-Edwards JW. Abuse in childhood and adolescence and inflammation in adult women. *American Journal of Preventive Medicine* 2012;43(6):611-20. PMCID: PMC3504353
 83. *Lynch KE, Landsbaugh JR, **Whitcomb BW**, Pekow P, Markinson B, Chasan-Taber L. Patterns of Physical Activity During Pregnancy in Hispanic Women. *American Journal of Preventive Medicine* 2012;43(4):434-9. PMC3491652
 84. Levy G, Hill MJ, Ramirez CI, Correa L, Ryan ME, DeCherney AH, Levens ED, **Whitcomb BW**. The use of follicle flushing during oocyte retrieval in assisted reproductive technologies: a systematic review and meta-analysis. *Human Reproduction* 2012;27(8):2373-9. PMC3398677
 85. McArdle PF, **Whitcomb BW**, Parsa A, Mitchell BD, Shuldiner AR. Association between bilirubin and cardiovascular disease risk factors: Using Mendelian randomization to assess causal inference. *BMC Cardiovascular Disorders* 2012;12:16. PMC3313889

86. Hill MJ, Levens ED, Levy G, Ryan ME, Csokmay JM, DeCherney AH, **Whitcomb BW**. The use of recombinant luteinizing hormone in ART patients with advanced reproductive age: a systematic review and meta-analysis. *Fertility and Sterility* 2012;97(5):1108-1114.e1. PMID 22365075
87. **Whitcomb BW**, Perkins NJ, Zhang Z, Ye A, Lyles RJ. Assessment of skewed exposures in pooled case-control studies. *Statistics in Medicine* 2012;31(22):2461-72. PMC3878867
88. Gaskins AJ, Wilchesky M, Mumford SL, **Whitcomb BW**, Browne RW, Wactawski-Wende J, Perkins NJ, Schisterman EF. Endogenous reproductive hormones and high-sensitivity C-reactive protein across the menstrual cycle: the BioCycle Study. *American Journal of Epidemiology* 2012;175(5):423-31. PMC3282877
89. *Nichols B, Nkalamo D, **Whitcomb BW**. Density of drinking establishments and HIV prevalence in a migrant town in Namibia. *AIDS and Behavior* 2012;16(4):829-34. PMID: 21538085
90. Mumford SL, Schisterman EF, Gaskins AJ, Pollack AZ, Perkins NJ, **Whitcomb BW**, Ye A, Wactawski-Wende J. Realignment and multiple imputation of longitudinal data: an application to menstrual cycle data. *Paediatric and Perinatal Epidemiology* 2011;25(5):448-59. PMC4059763
91. Schisterman EF, **Whitcomb BW**, Roberts KA. Causation or “noitasuaC”. *American Journal of Epidemiology* 2011;173(9):984-7. PMID: 21430191
92. Fortner RT, Pekow P, **Whitcomb BW**, Seivert LL, Markenson G, Chasan-Taber L. Physical activity and risk of hypertensive disorders. *Medicine and Science in Sports and Exercise* 2011 Apr;43(4):639-46. PMID: 20798663
93. **Whitcomb BW**, Levens ED, Turzanski-Fortner R, Richter KR, Kipersztok S, Stillman RJ, Levy MJ. Contribution of male age to outcomes in assisted reproductive technologies. *Fertility and Sterility* 2011 Jan;95:147-51. PMC2998574
94. Gaskins AJ, Mumford SL, Rovner AJ, Zhang C, Chen L, Wactawski-Wende J, Perkins NJ, Schisterman EF; BioCycle Study Group (incl. **Whitcomb BW**). Whole grains are associated with serum concentrations of high sensitivity C-reactive protein among premenopausal women. *Journal of Nutrition* 2010;140(9):1669-76. PMID: 20668255
95. **Whitcomb BW**, Bodach SD, Mumford SL, Perkins NJ, Trevisan M, Wactawski-Wende J, Liu A, Schisterman EF. Ovarian function and cigarette smoking in the BioCycle Study. *Paediatric and Perinatal Epidemiology* 2010 Sep;24(5):433-40. PMC2945213
96. Gollenberg AL, Hediger ML, Mumford SL, **Whitcomb BW**, Hovey KM, Wactawski-Wende J, Schisterman EF. Perceived Stress and Severity of Perimenstrual Symptoms: The BioCycle Study. *Journal of Women's Health* 2010 May;19(5):959-67. PMC2875955

97. **Whitcomb BW**, Schisterman EF, Perkins NJ, Albert P. Treatment of Batch in the Detection, Calibration, and Quantification of Immunoassays in Large-scale Epidemiologic Studies. *Epidemiology* 2010 Jul;21 Suppl 4:S44-50. PMC3073366
98. Browne RW, **Whitcomb BW**. Procedures for Determination of Detection Limits: Application to High-performance Liquid Chromatography Analysis of Fat-soluble Vitamins in Human Serum. *Epidemiology* 2010 Jul;21 Suppl 4:S4-9. PMID: 20220523
99. Gaskins AJ, Mumford SL, Zhang C, Wactawski-Wende J, Hovey KM, **Whitcomb BW**, Perkins NJ, Yeung E, Schisterman EF, for the BioCycle Study Group. Impact of daily fiber intake on reproductive function: The BioCycle Study. *Journal of Clinical Nutrition* 2009 Oct;90(4):1061-9. PMC2744625
100. Schisterman EF, Gaskins A, **Whitcomb BW**. Effects of low-dose aspirin in in-vitro fertilization. *Current Opinions in Obstetrics and Gynecology* 2009 Jun;21(3):275-8. PMC2736057
101. Schisterman EF, **Whitcomb BW**, Perkins NJ, Platt RW. Z-scores and the birth weight paradox. *Paediatric and Perinatal Epidemiology* 2009 Sep;23(5):403-13. PMC2742985
102. **Whitcomb BW**, Schisterman EF, Perkins NJ, Platt RW. Quantification of collider-stratification bias in the birth weight paradox. *Paediatric and Perinatal Epidemiology* 2009 Sep;23(5):394-402. PMC2743120
103. Levens ED, **Whitcomb BW**, Csokmay JM, Nieman LK. Selective effluent sampling in the setting of hyperandrogenism: does this diagnostic technique deserve re-assessment for evaluation of suspected ovarian lesions? *Clinical Endocrinology* 2009 Apr;70(4):606-14. PMC2656419
104. **Whitcomb BW**, Schisterman EF, Luo X, Chegini N. Maternal serum concentration of granulocyte-colony stimulating factor and preterm birth. *Journal of Women's Health* 2009 Jan-Feb;18(1):73-8. PMC2744483
105. Vexler A, Wu C, Liu A, **Whitcomb BW**, Schisterman EF. An Extension of a Change Point Problem. *Statistics* 2009;43(3):213 – 225.
106. Levens ED, **Whitcomb BW**, Payson MD, Larsen FW. Ovarian follicular flushing among low responding ART patients. *Fertility and Sterility* 2009 Apr;91(4 Suppl):1381-4. PMC2745125
107. Levens ED, **Whitcomb BW**, Kort JD, Materia-Hoover D, Larsen FW. Microdose follicular flare: a viable alternative for normal responding patients undergoing in vitro fertilization? *Fertility and Sterility* 2009 Jan;91(1):110-4. PMC2651032
108. Levens ED, **Whitcomb BW**, Hennessy S, James AN, Larsen FW. Blastocyst development rate impacts outcome in cryopreserved blastocyst transfer. *Fertility and Sterility* 2008 Dec;90(6):2138-43. PMC2613799

109. McArdle PF, **Whitcomb BW**. Improper adjustment for baseline: A potential cause of non replication in short term intervention studies of gene by environment interactions. *Human Heredity* 2009;67(3):176-182. PMC2868920
110. Ruopp MD, Perkins NJ, **Whitcomb BW**, Schisterman EF. Youden index and optimal cut-point estimated from observations subject to a lower limit of detection. *Biometrical Journal* 2008 Jun;50(3):419-30. PMC2515362
111. **Whitcomb BW**, Schisterman EF. Assays with lower detection limits: Implications for epidemiologic investigation. *Paediatric and Perinatal Epidemiology* 2008 Nov;22;597-602. PMC2723785
112. *Ruopp MD, Collins TC, **Whitcomb BW**, Schisterman EF. Evidence of absence or absence of evidence? A re-analysis of the effects of low-dose aspirin in IVF. *Fertility and Sterility* 2008 Jul;90(1):71-6. PMC2530900
113. **Whitcomb BW**, Schisterman EF, Klebanoff MA, Baumgarten M, Luo X, Chegini N. Circulating levels of cytokines during pregnancy; thrombopoietin is elevated in miscarriage. *Fertility and Sterility* 2008 Jun;89(6):1795-802. PMC2475594
114. **Whitcomb BW**, Schisterman EF, Klebanoff MA, Baumgarten M, Rhoton-Vlasak A, Luo X, Chegini N. Circulating chemokines levels in miscarriage. *American Journal of Epidemiology* 2007 Aug;166:323–331. PMID:17504778
115. **Whitcomb BW**, Whiteman MK, Langenberg P, Flaws JA, Romani WA. Physical activity and risk of hot flashes among women in midlife. *Journal of Women's Health* 2007 Jan;16:124-133. PMID: 17324103
116. Schisterman EF, Vexler A, **Whitcomb BW**, Liu A. The limitations due to exposure detection limits for regression models. *American Journal of Epidemiology* 2006 Feb;163:374-383. PMC1408541
117. **Whitcomb BW**, Kimbrough Pradhan E, Pittas AG, Roghmann M C, Perencevich EN. Impact of intensive care unit type on hyperglycemia-associated mortality. *Critical Care Medicine* 2005 Dec;33:2772-2777. PMID: 16352959
118. Schisterman EF, **Whitcomb BW**, Buck GM, Louis TA. Lipid adjustment in the analysis of environmental contaminants and human health risks. *Environmental Health Perspectives* 2005 Jul;113:853-857. PMC1257645
119. **Whitcomb BW**, Schisterman EF, Buck GM, Weiner JM, Greizerstein H, Kostyniak PJ. Relative concentrations of organochlorine pesticides and polychlorinated biphenyls in adipose tissue and serum of women of reproductive age. *Environmental Toxicology and Pharmacology* 2005 Feb;19:203-213. PMID: 21783478

120. Buck GM, Weiner JM, **Whitcomb BW**, Sperazza R, Schisterman EF, Lobdell DT, Crickard K, Greizerstein H, Kostyniak PJ. Environmental PCB exposure and risk of endometriosis. *Human Reproduction* 2005 Jan;20:279-285. PMID: 15513976
121. Schisterman EF, **Whitcomb BW**. Coronary age as a risk factor in the modified Framingham risk score. *BMC Medical Imaging* 2004;4:1. (authorship in alphabetic order). PMC415549
122. Schisterman EF, **Whitcomb BW**. How Sensitive is the Social Security Death Index in Determining Mortality Status? *Population Health Metrics* 2004;2:2. (authorship in alphabetic order). PMC406423
123. Wong ND, Sciammarella M, Polk D, Gallagher A, Miranda-Peats R, **Whitcomb BW**, Hachamovich R, Friedman J, Hayes S, Berman DS. The metabolic syndrome, diabetes, and subclinical atherosclerosis assessed by coronary calcium. *Journal of the American College of Cardiology* 2003 May;41:1547-53. PMID: 12742296
124. Schisterman EF, Gallagher AM, Bairey-Merz CN, **Whitcomb BW**, Faraggi D, Kirsten Moysich, Lewin H. The Association of Hormone Replacement Therapy and Coronary Calcium as Determined by Electron Beam Tomography. *Journal of Women's Health and Gender Based Medicine* 2002 Sep;11:1-8. PMID: 12396895

Other Brief Communications (letters, etc.)

1. Balzer LB, **Whitcomb BW**. Coronavirus deaths in San Francisco vs. New York: what causes such big differences in cities' tolls. *The Conversation*.
2. Chasan-Taber L, Braun B, **Whitcomb BW**. In Reply: Effect of an Exercise Intervention on Gestational Diabetes Mellitus - A Randomized Controlled Trial. *Obstetrics and Gynecology* 2015;126:676-7.
3. Hill MJ, Levens ED, **Whitcomb BW**. Reply of the Authors to: Recombinant LH supplementation in women of 35 years and older undergoing IVF? *Fertility and Sterility* 2012;98: e12
4. Schisterman EF, **Whitcomb BW**. Reply of the authors: Biology and methodology – the quest for parsimonious models of a complex reality. *Paediatric and Perinatal Epidemiology* 2009;23(5):421-423.
5. Schisterman EF, **Whitcomb BW**, Ruopp MD. Reply of the Authors: Evidence of absence or absence of evidence? A reanalysis of the effects of low-dose aspirin in in vitro fertilization. *Fertility and Sterility* 2009;91(5):e22.
6. Ruopp MD, Collins TC, **Whitcomb BW**, Schisterman EF. Is it time for a meta-analysis? *Human Reproduction Update* 2008;14(3):289.
7. **Whitcomb BW**, Schisterman EF, Ruopp MD, Collins TC. Validity of block randomized clinical trials. *Fertility and Sterility* 2008;89(5):1281-1282
8. **Whitcomb BW**, Schisterman EF, Louis GMB. Gestational age, gestational age-at-delivery: cause, effect, or time-scale? *Human Reproduction* 2007;22:3267.
9. Bloom MS and **Whitcomb BW**. Matching and the assumptions of standard frequentist statistics. *Fertility and Sterility* 2006;86:1805.
10. **Whitcomb BW**, Perencevich EN. Glycemic control needs a standard reference point: Reply. *Critical Care Medicine* 2006;34(6):1856.
11. **Whitcomb BW** and Schisterman EF. Units of analysis-matched pairs, single patient, or cycles? *Fertility and Sterility* 2004;82:987-988.
12. Schisterman EF and **Whitcomb BW**. Measurement error! Communication between content experts and statisticians. *Fertility and Sterility* 2004;8s2:514-515.

Presentations and Abstracts

INVITED PRESENTATIONS

1. Environmental chemical effects on reproductive and perinatal outcomes; research opportunities and challenges. Canadian National Perinatal Research Meeting, Perinatal Epidemiology Section, Keynote address. Banff, Canada. February, 2020.
2. Predictors of early natural menopause. Boston University School of Public Health, Tuesday Talk Series, Spring 2019.
3. Modeling issues in epidemiologic research of lipophilic chemicals. Division of Population Health Research Seminar Series, NICHD, NIH, 2019.
4. Anti-Müllerian hormone and risk of early natural menopause. Annual Meeting of the Society for Epidemiologic Research, 2017, Seattle.
5. Directed acyclic graphs for causal modeling in epidemiologic research. Center for Quality of Care Research – Baystate Health, Springfield, MA 2015
6. Epidemiologic studies of cytokines in human reproduction. Research in Progress Seminar Series, Dept. of Quantitative Health Sciences, Univ. of Massachusetts Med. School, Worcester, MA, 2011.
7. Cytokines and human reproduction. Department of Epidemiology and Biostatistics, University at Albany, State University of New York, 2010.
8. Assay calibration method selection and risk estimation. Department of Statistics, University of Connecticut, 2009.
9. Cytokines and pregnancy outcomes. Department of Biostatistics and Epidemiology, McGill University, 2007.
10. Methodological issues in the analysis of PCBs and endometriosis. School of Nursing, University of Maryland, Baltimore, 2007.
11. Assessment of cytokines in pregnancy outcomes. Department of Family and Preventive Medicine, University of Utah, 2007.
12. Cytokines and pregnancy outcomes. Center for Clinical Epidemiology and Biostatistics, University of Pennsylvania, 2007.
13. Circulating granulocyte colony stimulating factor and preterm birth. Society for Pediatric and Perinatal Epidemiologic Research, Boston 2007.
14. Cytokines, chemokines and clinical pregnancy loss. Society for Pediatric and Perinatal Epidemiologic Research, Seattle 2006.

15. Much ado about nothing? A commentary on data measured with a lower bound. Advanced Methods Workshop, Annual Meeting of Society for Pediatric and Perinatal Epidemiologic Research, Seattle 2006.

INVITED ON-CAMPUS PRESENTATIONS

1. Predictors of early natural menopause. Dept. of Veterinary and Animal Science Seminar Series, UMass. October 2019
2. Compared to what? Methods issues in human subjects research. College of Nursing, UMass Amherst, 2018.
3. Magnitude of collider-stratification & selection bias in cohort studies. Joint Biostatistics and Epidemiology Seminar Series, University of Massachusetts, Amherst, 2014.
4. Cytokines and correlates in the menstrual cycle. Hormones for Breakfast, Center for Neuroendocrine Studies, University of Massachusetts, Amherst 2011.
5. Miscarriage and inflammation; studying pregnancy failure with an epidemiological approach. BioTap Lecture Series, University of Massachusetts, Amherst 2011.
6. Dealing with rejection: Pregnancy, inflammation and the epidemiology of pregnancy outcomes. Commonwealth College, University of Massachusetts, Amherst 2010.
7. Statistical models for causal inference in epidemiology. Biostatistics working group, University of Massachusetts, Amherst, 2009.

CONTRIBUTED PRESENTATIONS

1. Langton CR, **Whitcomb BW**, Purdue-Smithe A, Sievert L, Hankinson SE, Manson JE, Rosner B, Bertone-Johnson ER. Association of pregnancy conditions with risk of early natural menopause. Annual Meetings of the Society for Pediatric and Perinatal Epidemiologic Research and Society for Epidemiologic Research 2020, December (Virtual).
2. Grimes N, **Whitcomb BW**, Purdue-Smithe A, Reeves KW, Hankinson SE, Manson JE, Rosner B, Bertone-Johnson ER. Association of anthropometric factors with anti-Mullerian hormone levels. Annual Meeting of the Society for Pediatric and Perinatal Epidemiologic Research and Society for Epidemiologic Research 2020, December (Virtual).
3. Freeman JR, **Whitcomb BW**, Bertone-Johnson ER, Balzer LB, Sjaarda L, Perkins NJ, Kim K, Radoc J, Silver R, Andriessen V, Purdue-Smithe A, Schisterman EF. Is it too little or too late? Associations between sleep duration and midpoint, and fecundability. Annual Meeting of the Society for Pediatric and Perinatal Epidemiologic Research and Society for Epidemiologic Research 2020, December (Virtual).
4. Freeman JR, **Whitcomb BW**, Bertone-Johnson ER, Balzer LB, Sjaarda L, Perkins NJ, Kim K, Radoc J, Silver R, Andriessen V, Purdue-Smithe A, Schisterman EF. Sleep hygiene and sporadic anovulation among eumenorrheic, reproductive aged women. SERDigital 2020, November (Virtual).
5. Kim J, **Whitcomb BW**, Kwan B, Romero SAD, Su HI. Association of psychosocial stress with ovarian function in young cancer survivors. Annual Meeting of the American Society for Reproductive Medicine, October 2020
6. Desai M, Zhou B, Nalawade V, Murphy JD, **Whitcomb BW**, Su HI. Adverse perinatal outcomes in adolescent and young adult cancer survivors and impact of art. Annual Meeting of the American Society for Reproductive Medicine, October 2020
7. Zhou B, Desai M, Nalawade V, Murphy JD, **Whitcomb BW**, Su HI. Toward targeting counseling: association between cancer type and adverse pregnancy outcomes. Annual Meeting of the American Society for Reproductive Medicine, October 2020,
8. Medica ACO, Lam C, Pinson K, Shliakhtsitsava K, **Whitcomb BW**, Su HI. Beyond premature ovarian insufficiency: characterizing reproductive aging and risks for accelerated aging in adolescent and young adult (AYA) cancer survivors. Oral Presentation at the Annual Meeting of the American Society for Reproductive Medicine, October 2019, Philadelphia.
9. Lam C, Medica ACO, Pinson K, Shliakhtsitsava K, **Whitcomb BW**, Su HI. Who sees fertility specialists? Cancer treatments and seeking fertility services in adolescents and young adults (AYA) with cancer. Oral Presentation at the Annual Meeting of the American Society for Reproductive Medicine, October 2019, Philadelphia.

10. Kwan B, Stark SS, Sammel M, **Whitcomb BW**, Dietz AC, Martinez E, Natarajan L, Su HI. How open is the window of ovarian function after cancer treatment? Oral Presentation at the Annual Meeting of the American Society for Reproductive Medicine, October 2019, Philadelphia
11. Pinson K, Lam C, Medica ACO, **Whitcomb BW**, Shliakhtsitsava K, Su HI. Evidence that alkylating chemotherapy is not related to clinical infertility in adolescent and young adult (AYA) cancer survivors. Annual Meeting of the American Society for Reproductive Medicine, October 2018, Denver.
12. Rosati A, Brandon N, Mumford SL, Schisterman EF, **Whitcomb BW**, Pilsner JR. Sperm mitochondrial DNA biomarkers and couple fecundity: The Longitudinal Investigation of Fertility and the Environment (LIFE) Study. Society for the Study of Reproduction, 2019, San Jose, CA.
13. Purdue-Smithe AC, **Whitcomb BW**, Hankinson SE, Manson JE, Rosner BA, Bertone-Johnson ER. Intakes of fiber and phytoestrogens and risk of early natural menopause. Annual Meeting of the Society for Epidemiologic Research, 2019, Minneapolis.
14. Grimes NP, **Whitcomb BW**, Purdue-Smithe AC, SE Hankinson, BA Rosner, JE Manson, ER Bertone-Johnson. Association of reproductive factors with Anti-Müllerian hormone levels. Annual Meeting of the Society for Epidemiologic Research, 2019, Minneapolis
15. Langton CR, **Whitcomb BW**, Purdue-Smithe AC, Hankinson SE, Manson JE, Rosner BA, Bertone-Johnson ER. Oral contraceptive use and incidence of early natural menopause. Oral Presentation at the Annual Meeting of the Society for Epidemiologic Research, 2019, Minneapolis.
16. VanKim NA, Fields ND, **Whitcomb BW**, Hankinson SE, Sievert LL, Bertone-Johnson ER. Sexual orientation differences in menopause timing and symptoms. Annual Meeting of the Society for Epidemiologic Research, 2019, Minneapolis.
17. Rosen B, Chasan-Taber L, Pekow P, **Whitcomb BW**, Yu Q. The association between neighborhood poverty and adverse birth outcomes in Hispanic Women. Annual Meeting of the Society for Epidemiologic Research, 2019, Minneapolis.
18. Grimes NP, **Whitcomb BW**, Purdue-Smithe AC, SE Hankinson, BA Rosner, JE Manson, ER Bertone-Johnson. Association of reproductive factors with Anti-Müllerian hormone levels. Annual Meeting of the Society for Pediatric and Perinatal Research, 2019, Minneapolis
19. Langton CR, **Whitcomb BW**, Purdue-Smithe AC, Hankinson SE, Manson JE, Rosner BA, Bertone-Johnson ER. Oral contraceptive use and incidence of early natural menopause. Annual Meeting of the Society for Pediatric and Perinatal Epidemiologic Research, 2019, Minneapolis.

20. Lam CM, Shliakhtsitsava K, Stark SS, **Whitcomb BW**, Su HI. Reproductive intentions in childless adolescent and young adult female cancer survivors. Oral Presentation at the Annual Meeting of the American Society for Reproductive Medicine, 2018, Denver.
21. Pinson K, Myers E, Stark SS, Shliakhtsitsava K, Lam C, Medica A, **Whitcomb BW**, Su HI. How long will it take? Time to pregnancy in female young adult cancer survivors. Annual Meeting of the American Society for Reproductive Medicine, October 2018, Denver.
22. Purdue-Smithe AC, **Whitcomb BW**, Manson JE, Hankinson SE, Troy LM, Rosner BA, Bertone-Johnson ER. Dairy Consumption and Risk of Early Menopause. Oral presentation at the Annual Meeting of the Society for Epidemiologic Research, 2018, Baltimore.
23. Langton CR, **Whitcomb BW**, Purdue-Smithe AC, Hankinson SE, Manson JE, Rosner BA, Bertone-Johnson ER. Reproductive factors and incidence of early natural menopause. Oral presentation Annual Meeting of the Society for Pediatric and Perinatal Epidemiologic Research, 2018, Baltimore.
24. *Russo LM, **Whitcomb BW**, Freeman JR, Mumford SL, Sjaarda LA, Perkins NJ, Schliep KC, Grewal J, Silver RM, Schisterman EF. Physical activity and pregnancy outcomes in women with prior pregnancy loss. Annual Meeting of the Society for Pediatric and Perinatal Epidemiologic Research, 2018, Baltimore.
25. *Russo LM, **Whitcomb BW**, Freeman JR, Mumford SL, Sjaarda LA, Perkins NJ, Schliep KC, Grewal J, Silver RM, Schisterman EF. Physical activity and pregnancy outcomes in women with prior pregnancy loss. Annual Meeting of the Society for Epidemiologic Research, 2018, Baltimore.
26. Hadnott TN, Stark S, Medica A, **Whitcomb BW**, Su HI. Perception of fertility potential is associated with contraceptive behavior in female young adult cancer survivors. Oral Presentation at the Annual Meeting of the American Society of Reproductive Medicine, 2017, San Antonio.
27. Ho JR, Gorman J, **Whitcomb BW**, Bouknight JM, Su HI, Chung K. Factors associated with family building in cancer survivors. Oral Presentation at the Annual Meeting of the American Society of Reproductive Medicine, 2017, San Antonio.
28. Hadnott TN, Stark S, Medica A, **Whitcomb BW**, Su HI. Contraceptive choice among young cancer survivors: what do patients value? Annual Meeting of the American Society of Reproductive Medicine, 2017, San Antonio.
29. Medica A, Hadnott TN, Stark SS, **Whitcomb BW**, Su HI. Perceived fertility and emergency contraception (EC) use among cancer survivors. Annual Meeting of the American Society of Reproductive Medicine, 2017, San Antonio.
30. Plowden T, Mumford SL, Zolton J, Silver R, Radin R, Connell M, Sjaarda L, Perkins NJ, **Whitcomb BW**, Kim K, Schisterman EF. Association of alcohol, tobacco, and marijuana

- exposure and time to pregnancy. Annual Meeting of the American Society of Reproductive Medicine, 2017, San Antonio.
31. *Russo LM, **Whitcomb BW**, Schliep KC, Mumford SL, Kim K, Omosigho U, Holland TJ, Sjaarda L, Perkins NJ, Silver RM, Schisterman EF. Physical activity and fecundability. Annual Meeting of the American Public Health Association, October 2017, Atlanta.
 32. *Russo LM, **Whitcomb BW**, Schliep KC, Mumford SL, Kim K, Omosigho U, Holland TJ, Sjaarda L, Perkins NJ, Silver RM, Schisterman EF. Physical activity and fecundability. Annual Meeting of the Society for Pediatric and Perinatal Epidemiologic Research, 2017, Seattle.
 33. *Freeman JR, **Whitcomb BW**, Roy A, Bertone-Johnson ER, Reich NG, Healy AJ. Anti-Müllerian hormone patterns throughout gestation in uncomplicated pregnancy. Annual Meetings of the Society for Epidemiologic Research and the Society for Pediatric and Perinatal Epidemiologic Research, 2017, Seattle.
 34. Purdue-Smithe AC, **Whitcomb BW**, Hankinson SE, Manson JE, Rosner B, Troy L, Bertone-Johnson ER. Total and Bioavailable 25-hydroxyvitamin D Levels and Risk of Early Menopause. Annual Meeting of the Society for Epidemiologic Research, 2017, Seattle.
 35. **Whitcomb BW**, A. Purdue-Smithe, SE Hankinson, JE Manson, BA Rosner, ER Bertone-Johnson. Menstrual cycle characteristics and risk for early natural menopause. Annual Meeting of the Society for Epidemiologic Research, 2017, Seattle.
 36. **Whitcomb BW**, A. Purdue-Smithe, KL Szegda, ME Boutot, SE Hankinson, JE Manson, BA Rosner, WC Willett, AH Eliassen, ER Bertone-Johnson. Cigarette smoking and risk early natural menopause. Annual Meeting of the Society for Epidemiologic Research, 2017, Seattle.
 37. Bertone-Johnson ER, **BW Whitcomb**, A Purdue-Smithe, SE Hankinson, BA Rosner, JE Manson. A prospective study of inflammatory factor levels and risk of early natural menopause. Annual Meeting of the Society for Epidemiologic Research, 2017, Seattle.
 38. Balasubramanian B, Xu H, **Whitcomb BW**, Hankinson SE, Paynter N, Rexrode KM, Qian J. Estimating the Receiver Operating Characteristic (ROC) curve and its associated AUC in matched case control studies. American Heart Association Epi|Lifestyle Conference, 2017, Portland.
 39. Healy MW, **Whitcomb BW**, Patounakis G, Levens ED, DeCherney AH, Widra E, Richter KS, Hill MJ. Is the progesterone to oocyte ratio a better predictive tool for ART success than progesterone alone? Annual Meeting of the American Society of Reproductive Medicine, 2016, Salt Lake City.
 40. Plowden TC, Banks N, Hill MJ, Patounakis G, Levens ED, Devine K, DeCherney AH, **Whitcomb BW**. Examining paternal age as a risk factor for poorer outcomes in donor

- oocyte cycles. Annual Meeting of the American Society of Reproductive Medicine, 2016, Salt Lake City.
41. Banks N, Patounakis G, Oweren CM, Healy MW, **Whitcomb BW**, Hartman M, Devine K, Richter KS, DeCherney AH, Levens ED, Hill MJ. FMR1 CGG repeat length and ovarian function in a donor population. Annual Meeting of the American Society of Reproductive Medicine, 2016, Salt Lake City.
 42. Szegda K, **Whitcomb BW**, Manson JE, Hankinson SE, Rosner B, Purdue-Smithe A, Boutot M, Bertone-Johnson ER. Adiposity and risk of early menopause. Oral Presentation at the Annual Meeting of the Society for Epidemiologic Research, 2016, Miami.
 43. Boutot M, **Whitcomb BW**, Szegda K, Purdue-Smithe A, Manson JE, Hankinson SE, Rosner B, Bertone-Johnson ER. Vegetable protein intake and early menopause. Annual Meeting of the Society for Epidemiologic Research, 2016, Miami.
 44. Purdue-Smithe A, **Whitcomb BW**, Szegda K, Boutot M, Manson JE, Hankinson SE, Rosner B, Bertone-Johnson ER. Vitamin D and calcium intake and risk of early menopause. Annual Meeting of the Society for Epidemiologic Research, 2016, Miami.
 45. Houghton SC, Manson JE, **Whitcomb BW**, Hankinson SE, Troy LM, Bigelow C, Bertone-Johnson ER. Dietary fat and the risk of premenstrual syndrome. Annual Meeting of the Society for Epidemiologic Research, 2016, Miami.
 46. Madonna L, Healy A, Roy A, **Whitcomb BW**. Longitudinal Patterns of Inflammatory Cytokines Across Normal Gestation. ACOG Annual Clinical and Scientific Meeting, 2016, Washington DC.
 47. Knight AN, **Whitcomb BW**, Gorman J, Su HI. Validity of self-reported cancer diagnosis and gonadotoxic treatments among female young adult cancer survivors. Annual Meeting of the American Society of Reproductive Medicine, 2015, Baltimore.
 48. Banks NK, Patounakis G, Seal P, **Whitcomb BW**, Devine K, Richter K, DeCherney AH, Hill M, Levens ED. FMR1 CGG repeat length and ART outcomes. Annual Meeting of the American Society of Reproductive Medicine, 2015, Baltimore.
 49. Patounakis G, Devine K, **Whitcomb BW**, DeCherney AH, Levy MJ. Semen parameters do not have a clinically significant effect on ICSI cycle outcomes: an analysis using 2,861 shared oocyte donor recipient cycles to control for egg factors. Annual Meeting of the American Society of Reproductive Medicine, 2015, Baltimore.
 50. Bloom MS, **Whitcomb BW**, Chen Z, Ye A, Kannan K, Guo Y, Buck Louis GM. Urine phthalates and semen quality – Longitudinal Investigation of Fertility and the Environment. Annual Meeting of the Society for Epidemiologic Research, 2015, Denver.
 51. Hope A, Chasan-Taber L, Pekow P, **Whitcomb B**, Markenson G. Prepregnancy Body Mass

- Index and Risk of Preterm Birth Among Hispanic Teens. Annual Meeting of the Society for Epidemiologic Research, 2015, Denver.
52. SC Houghton, J Manson, **B Whitcomb**, S Hankinson, C Bigelow, L Troy, E Bertone-Johnson. Refined grain intake and risk of premenstrual syndrome. Annual Meeting of the Society for Epidemiologic Research, 2015, Denver.
 53. Nobles C, Marcus B, **Whitcomb B**, Braun B, Stanek E, Markenson G, Chasan-Taber L. Predictors of Health Risk Behaviors in a Diverse Population of Pregnant Women Annual Meeting of the Society for Epidemiologic Research, 2015, Denver.
 54. Quintana-Zinn FA, **Whitcomb BW**, Bigelow C, Houghton SC, Bertone-Johnson ER. Identifying Menstrual Symptom Patterns in Young Women Using Factor Analysis. Annual Meeting of the Society for Epidemiologic Research, 2015, Denver.
 55. Bertone-Johnson ER, Houghton SC, Ronnenberg AG, **Whitcomb BW**. Association of blood pressure with premenstrual syndrome in young adult women. Annual Meeting of the Society for Pediatric and Perinatal Epidemiologic Research, 2015, Denver.
 56. Cox J, Fru K, Purcell M, **Whitcomb BW**, Segars J, Levens ED, Chang F. hCG versus agonist trigger in donor oocyte cycles: does hCG have a place in current practice? Annual Meeting of the American Society of Reproductive Medicine, 2014, Honolulu, HI.
 57. Dominick SA, **Whitcomb BW**, McLean MR, Bouknight MJ, Su HI. Contraception practices in female young adult cancer survivors. Annual Meeting of the American Society of Reproductive Medicine, 2014, Honolulu, HI.
 58. McLean MR, Dominick SA, **Whitcomb BW**, Bouknight MJ, Su HI. Emergency contraception use and unintended pregnancy in young adult cancer survivors: a FIRST study. Annual Meeting of the American Society of Reproductive Medicine, 2014, Honolulu, HI.
 59. *Russo LM, Ertel KA, **Whitcomb BW**. Physical Activity for the Prevention of Gestational Diabetes: A Meta-Analysis of Randomized Controlled Trials. Poster presentation at the Annual Meeting of the American College of Epidemiology, Silver Spring, Sept 2014. *Annals of Epidemiology* 2014;24(9):701.
 60. Bertone-Johnson ER, Ronnenberg AG, Houghton SC, Nobles C, Zagarins SE, Takashima-Uebelhoer BB, Faraj J, **Whitcomb BW**. Association of inflammatory markers with menstrual symptoms and premenstrual syndrome in young adult women. Meeting of the Society for Pediatric and Perinatal Epidemiologic Research, 2014, Seattle.
 61. Bertone-Johnson ER, **Whitcomb BW**, Rich-Edwards JW, Hankinson SE, Manson JE. Premenstrual syndrome and subsequent hypertension in a prospective study. Oral Presentation, Annual Meeting of the Society for Epidemiologic Research, 2014, Seattle.

62. *Hosker MK, **Whitcomb BW**, McKinnon C, Hill OT, Chasan-Taber L, Balasubramanian R, Bulzacchelli. The relationship between hormonal contraceptive use and anterior cruciate ligament injury. Annual Meeting of the Society for Epidemiologic Research, 2014, Seattle.
63. Houghton SC, **Whitcomb BW**, Ronnenberg AG, Nobles C, Zagarins SE, Takashima-Uebelhoer BB, Bertone-Johnson ER. Age at menarche and inflammatory factor levels in young adulthood. Annual Meeting of the Society for Epidemiologic Research, 2014, Seattle.
64. Fru KN, Hill MJ, Bertone-Johnson ER, Decherney AH, **Whitcomb BW**, Levens ED. Total Number Of Oocytes Retrieved But Not Follicle Stimulating Hormone (FSH) Dose Varies Across Multiple Cycles In Repeat Oocyte Donors. Oral Presentation at the Annual Meeting of the American Society of Reproductive Medicine, 2013, Boston.
65. Hill MJ, **Whitcomb BW**, Lewis TD, Levens ED, Decherney AH, Propst AM. Progesterone Luteal Support Following Ovulation Induction And Intrauterine Insemination Cycles: A Systematic Review And Meta-Analysis. Annual Meeting of the American Society of Reproductive Medicine, 2013, Boston.
66. Dominick SA, **Whitcomb BW**, Gorman JR, Chung K, Mersereau JM, Su HI. Female Young Adult Cancer Survivors Who Undergo Fertility Preservation Delay Pregnancy Attempts. Oral Presentation at the Annual Meeting of the American Society of Reproductive Medicine, 2013, Boston.
67. Fru KN, Hill MJ, Bertone-Johnson ER, Decherney AH, Levens ED, **Whitcomb BW**. Oocyte Donor Anti-Mullerian Hormone (AMH) And Antral Follicle Count (AFC) Predict Donor Oocyte Yield And Recipient Implantation. Oral Presentation at the Annual Meeting of the American Society of Reproductive Medicine, 2013, Boston.
68. *Nobles C, Bertone-Johnson ER, Ronnenberg A, Faraj J, Zagarins S, Takashima-Uebelhoer B, **Whitcomb BW**. Correlation of urine and plasma cytokine levels among reproductive aged women. Annual Meeting of the Society for Epidemiologic Research, 2013, Boston.
69. Bertone-Johnson ER, **Whitcomb BW**, Missmer SA, Manson JE, Hankinson SE, Rich-Edwards JW. Early life emotional, physical and sexual abuse and the development of premenstrual syndrome. Annual Meeting of the Society for Pediatric and Perinatal Epidemiologic Research, 2013, Boston.
70. Goodman LR, Deal AM, Su HI, Bailey S, **FIRST Research Group**, Mersereau JE. To preserve or not to preserve: decisional conflict associated with fertility preservation. Annual Meeting of the American Society of Reproductive Medicine, 2012, San Diego.
71. Bertone-Johnson ER, **Whitcomb BW**, Missmer SA, Karlson EW, Rich-Edwards JW. Abuse in childhood and adolescence and inflammation in adult women. Annual Meeting of the Society for Epidemiologic Research, 2012, Minneapolis.
72. Karanikas CA, Riad M, McClure J, **Whitcomb BW**, Richardson HN. Social interaction as a

- predictive measure for alcohol intake in male and female Wistar rats. Annual Meeting of the Organization for the Study of Sex Differences, 2012, Baltimore.
73. Perkins NJ, **Whitcomb BW**, Lyles RH. Analysis of randomly pooled case-control data. Annual Meeting of the Society for Epidemiologic Research 2011, Montréal.
 74. Dasharathy SS, Mumford SL, Pollack AZ, **Whitcomb BW**, Perkins NJ, Mattison D, Wactawski-Wende J, Schisterman EF. Menstrual bleeding patterns among regularly menstruating women. Annual Meeting of the Society for Pediatric and Perinatal Epidemiologic Research, 2011, Montréal.
 75. **Whitcomb BW**, Perkins NJ, Zhang Z, Ye A, Lyles RH. Flexible assessment of skewed exposure in case-control studies with pooling. Annual Meeting of the Society for Epidemiologic Research, 2011, Montréal.
 76. Bertone-Johnson ER, Mumford SL, Pollack AZ, Luisi N, Wactawski-Wende J, Schisterman EF, **Whitcomb BW**. Premenstrual syndrome and cytokine levels across the menstrual cycle. Annual Meeting of the Society for Epidemiologic Research, 2011, Montréal.
 77. *Lynch KE, **Whitcomb BW**, Mumford SL, Wactawski-Wende J, Bertone-Johnson ER, Schisterman EF. Classification of ovulatory status in prospective menstrual cycle studies with non-daily sampling. Annual Meeting of the Society for Pediatric and Perinatal Epidemiologic Research, 2011, Montréal.
 78. Schisterman EF, Mumford SL, **Whitcomb BW**, Trevisan M, Wactawski-Wende J. Failure to consider menstrual cycle phase might lead to misinterpretation of biomarker data. Oral presentation at the Annual American Epidemiological Society Meeting, 2011. Atlanta.
 79. Bertone-Johnson ER, **Whitcomb BW**, Takashima B, Zagarins S, Chocano-Bedoya P, Ronnenberg A. Premenstrual syndrome, menstrual symptoms and C-reactive protein levels in college-aged women. Annual Meeting of the Society for Behavioral Neuroendocrinology, 2010, Toronto.
 80. Perkins NJ, **Whitcomb BW**, Schisterman ES. Flexible, efficient biomarker assay calibration designs. Annual Meeting of the Society for Pediatric and Perinatal Epidemiologic Research, 2010, Seattle.
 81. *Lynch KE, **Whitcomb BW**, Mumford SL, Gaskins AJ, Wactawski-Wende J, Schisterman EF. Chronic alcohol consumption and reproductive hormones. Annual Meeting of the Society for Pediatric and Perinatal Epidemiologic Research, 2010, Seattle.
 82. Mumford SL, Schisterman EF, Siega-Riz AM, Gaskins AJ, **Whitcomb BW**, Perkins NJ, VanderWeele TJ. Direct effects of dietary fiber intake on lipoprotein cholesterol levels in premenopausal women. Annual Meeting of the Society for Epidemiologic Research, 2010, Seattle.

83. Gaskins AJ, Wilchesky M, Mumford SL, **Whitcomb BW**, Browne RW, Wactawski-Wende J, Perkins NJ, Schisterman EF. Endogenous Reproductive Hormones and High-Sensitivity C-Reactive Protein Across the Menstrual Cycle: the BioCycle Study. Annual Meeting of the Society for Pediatric and Perinatal Epidemiologic Research, 2010, Seattle.
84. *Fernando S, Ramisetty-Mikler S, **Whitcomb BW**, Puleo E. The association between bully victimization and suicide behaviors among youth in Massachusetts. Annual Meeting of the Society for Pediatric and Perinatal Epidemiologic Research, 2010, Seattle.
85. *Fernando S, Ramisetty-Mikler S, **Whitcomb BW**, Puleo E. Association between bully victimization and suicide behaviors among youth in Massachusetts. Delta Omega Student Poster Session, Annual Meeting of the American Public Health Association, 2010, Denver.
86. *Nichols B, **Whitcomb BW**, Gerety P, Nkalamo D, Bertone-Johnson ER. Aspects of migrant work status and HIV prevalence in a migrant town in Namibia. AIDS 2010, Vienna.
87. *Gawade P, Visintainer P, **Whitcomb BW**, Markenson G. Vaginal delivery and severe intraventricular hemorrhage among infants less than 30 weeks or less than 1500 g: A systematic review of observational studies. Women's Health 2010, Washington D.C.
88. *Nichols B, Gerety P, Van de Vijver D, **Whitcomb BW**. Density of Registered and Unregistered Shebeens and HIV Prevalence in a Migrant Town, Namibia, 2005 to 2009. Conference on Retroviruses and Opportunistic Infection, 2010, San Francisco
89. *Gawade P, Markenson G, Bsath F, Healy A, **Whitcomb BW**, Knee A, Plevyak M. Comparison Of Bishop Score With Modified Bishop Score To Predict Cesarean Delivery After Induction Of Labor. ACOG's 58th Annual Clinical Meeting, 2010, San Francisco.
90. *Gawade P, Markenson G, Bsath F, Healy A, **Whitcomb BW**, Knee A, Plevyak M. Change In Modified Bishop Score As A Predictor Of Cesarean Delivery Rate After Cervical Ripening. ACOG's 58th Annual Clinical Meeting, 2010, San Francisco.
91. Gollenberg AL, Hediger M, Schisterman EF, Mumford SL, **Whitcomb BW**, Wactawski-Wende J. Perceived stress and severity of perimenstrual symptoms. Annual Meeting of the Society for Pediatric and Perinatal Epidemiologic Research, 2009, Anaheim.
92. Gaskins A, Mumford S, Schisterman EF, Wactawski-Wende J, Zhang C, Hovey K, Howards PP, Perkins NJ, Yeung E, **Whitcomb BW**. Impact of daily fiber intake on reproductive function: The BioCycle Study. Annual Meeting of the Society for Pediatric and Perinatal Epidemiologic Research, 2009, Anaheim.
93. **Whitcomb BW**, Schisterman EF, Wactawski-Wende J, Johnson K, Chegini N. Urinary inflammatory and immune related cytokines and chemokines and ovarian function. Annual Meeting of the Society for Pediatric and Perinatal Epidemiologic Research, 2008, Chicago.
94. Mumford SL, Schisterman EF, **Whitcomb BW**, Wu A, Wactawski-Wende J, Trevisan M,

- Browne RW, Hovey K. Effects of Lipids on Menstrual and Ovarian Cycle Function. Annual Meeting of the Society for Pediatric and Perinatal Epidemiologic Research, 2008, Chicago.
95. Rosenthal LA, Perkins NJ, **Whitcomb BW**, Schisterman EF. Analyzing Data Subject to a Limit of Detection: Common Practices in Current Research. Annual Meeting of the Society for Epidemiologic Research, 2008, Chicago.
 96. Browne RW, **Whitcomb BW**, von Ehrenstein, O. Determination of analytical limits of detection: Practical consideration of laboratory techniques. Annual Meeting of the Society for Epidemiologic Research, 2008, Chicago.
 97. Levens ED, **Whitcomb BW**, Hennessy S, James AN, Larsen FW. Blastocyst development rate impacts outcome in cryopreserved blastocyst transfer. Annual Meeting of the American Society for Reproductive Medicine, 2007, Washington D.C.
 98. Levens ED, **Whitcomb BW**, Kort JD, Materia-Hoover D, Larsen FW. A comparison of microdose follicular phase and luteal phase gonadotropin releasing hormone agonist suppression for in vitro fertilization in patients 30 years old and younger. Annual Meeting of the American Society for Reproductive Medicine, 2007, Washington D.C.
 99. Yaeger BJ, **Whitcomb BW**, Levens ED, Hennessy S, Larsen FW. The impact of the duration of estradiol supplementation and peak serum estradiol on frozen blastocyst-embryo transfer outcome. Annual Meeting of the American Society for Reproductive Medicine, 2007, Washington D.C.
 100. **Whitcomb BW**, Schisterman EF. Quantifying biases in time to pregnancy studies: retrospective, prospective and current-duration approach. Annual Meeting of the Society for Pediatric and Perinatal Epidemiologic Research, 2007, Boston.
 101. **Whitcomb BW**, Schisterman EF, Klebanoff MA, Luo X, Chegini N. Circulating granulocyte colony stimulating factor and preterm birth. Annual Meeting of the Society for Epidemiologic Research, 2007, Boston.
 102. Ruopp MD, Perkins NP, **Whitcomb BW**, Schisterman EF. Youden Index and Optimal Cut-Point Estimated From Observations Affected by a Lower-Limit of Detection. Annual Meeting of the Society for Epidemiologic Research, 2007, Boston.
 103. **Whitcomb BW**, Schisterman EF, Luo X, Chegini N, Klebanoff MA. Cytokines, chemokines and clinical pregnancy loss. Meeting of North American College of Epidemiology, 2006, Seattle.
 104. **Whitcomb BW**, Bruder JM, Bauer RL, Mahaney MC, Tracy RP, Kammerer CM, Mitchell BD. C-reactive protein levels are associated with decreased bone mineral density in Mexican Americans. Meeting of the American Society of Bone and Mineral Research, 2004, Seattle.

105. **Whitcomb BW**, Schisterman EF, Hu J. Limit of Detection Bias and Correction of Variance Estimates. Annual Meeting of the International Society of Environmental Epidemiology, 2004, New York City.
106. **Whitcomb BW**, Schisterman EF, Hu J. Limit of Detection Bias Correction and Appropriate Confidence Intervals. Annual Meeting of the Society of Epidemiologic Research, 2004, Salt Lake City.
107. **Whitcomb BW**, Whiteman M, Flaws JA. Is there an association between physical activity and menopausal hot flashes? Annual Meeting of the Society of Epidemiological Research, 2003, Atlanta.
108. **Whitcomb BW**, Schisterman EF, Buck GM, Weiner JM, Greizerstein H, Kostyniak PJ. Relative Concentrations of Organochlorine Pesticides and Polychlorinated Biphenyls in Adipose Tissue and Serum of Women of Reproductive Age. Annual Meeting of the Society of Epidemiological Research, 2003, Atlanta.
109. Wong ND, Sciammarella M, Polk D, Gallagher A, Miranda-Peats R, **Whitcomb BW**, Hachamovich R, Friedman J, Hayes S, Berman DS. The Metabolic Syndrome, Diabetes, and Subclinical Atherosclerosis Assessed by Coronary Calcium. Annual Meeting of the American Congress of Cardiology, 2003, Chicago.
110. G Buck, J Weiner, H Greizerstein, **B Whitcomb**, E Scisterman, P Kostyniak, D Lobdell, K Crickard, R Sperrazza. Environmental PCB and Pesticide Exposure And Risk Of Endometriosis: International Society of Environmental Epidemiology, Perth, Australia. *Epidemiology* 2003;14(5):S43.
111. Schisterman EF, Faraggi D, Reiser B, Gransar H, **Whitcomb BW**, The Area Under the ROC Curve when Blood Samples are Pooled. Annual Meeting of the Society of Medical Decision Making, 2001, San Diego.
112. Gallagher AM, **Whitcomb BW**, Schisterman EF, Miranda RS, Lawvere S, Gransar H, Hayes SW, Lewin HC, Friedman JD, Berman DS. Is Electron Beam Computed Tomography for Coronary Calcium being Utilized Appropriately? Annual Meeting of the Society of Epidemiological Research, 2001, Toronto.

Grants in Preparation/Pending Review

Pending

1. Environmental Determinants of Biomarkers of Male Fertility and Reproductive Success. R35ES032877. Project dates: 03/01/2021 - 02/28/2029. Role: co-I (PI: JR Pilsner)
2. Sperm mitochondrial DNA biomarkers: reproductive outcomes and environmental determinants. R01HD105792-01. Project dates 07/01/2021-06/30/2026. Role: PI (mPI with co-PI: JR Pilsner)
3. Fertility as a marker of health in later life. R01HD106008. Project dates 07/01/2021-06/30/2026. Role: PI (mPI with co-PI: PF McArdle)
4. Cancer treatment and ovarian and perinatal outcomes. R01HD. Role: co-PI (mPI with PI: HI Su)
5. Interpregnancy interval, maternal morbidity and adverse pregnancy outcomes in the Old Order Amish. R21HD. Role: co-PI (mPI with co-PI: PF McArdle)

In development

6. Modeling approaches for analysis of influences of menstrual cycle function. R21 in preparation. Role: PI
7. Statistical models for analysis of lipophilic environmental chemicals in blood. R01 in preparation. Role: PI

Manuscripts submitted/in preparation*Submitted/under review*

1. Balzer LB, Wong AK, Marquez C, Jain V, Chamie G, Brown LB, **Whitcomb BW**. A national assessment of the timing of COVID-19 shelter in place orders and mortality. (under review).
2. Lam CM, Medica ACO, Pinson KA, Shliakhtsitsava K, **Whitcomb BW**, Su HI. Cancer treatments and seeking fertility services in female adolescents and young adults (AYA) with cancer. (under review)
3. Pinson K, Medica ACO, Shliakhtsitsava K, Lam CM, Martinez E, Dietz A, **Whitcomb BW**, Su, HI. Cancer treatments and infertility risk in female adolescent and young adult cancer survivors (under review).
4. Rudolph JE, Naimi AI, **Whitcomb BW**. Competing Risks: Exploring the differences between the subdistribution and cause-specific approaches. (under review)
5. *Freeman JR, **Whitcomb BW**, Purdue-Smithe AC, Manson JE, Hankinson SE, Rosner BA, Bertone-Johnson ER. Does alcohol consumption contribute to early menopause risk? (under review)
6. Langton CR, **Whitcomb BW**, Purdue-Smithe AC, Sievert LL, Hankinson SE, Manson JE, Rosner BA, Bertone-Johnson ER. Association of Oral Contraceptives and Tubal Ligation With Risk of Early Natural Menopause. (submitted)

In preparation

7. Saddiki H, Oluwayiose OA, Balzer LB, **Whitcomb BW**, Brandon N, Suvorov A, Tayyab R, Sites C, Marcho C, Pilsner JR. Epigenetic age acceleration based on DNA methylation of human sperm cells is predictive of sperm parameters and pregnancy outcomes. (in preparation)
8. **Whitcomb BW**, Rosati A, Brandon N, Buck Louis GM, Mumford SL, Schisterman EF, Pilsner JR. Sperm mitochondrial DNA as a biomarker of semen quality and reproductive outcomes in clinical and general populations. (in preparation)
9. *Boutot M, **Whitcomb BW**, Takser L, Boivin A, Gillet V, Suvorov A. In utero exposure to persistent organic pollutants and sex-specific effects on child lipid levels at age 6. (in preparation)
10. Langton CR, **Whitcomb BW**, Purdue-Smithe AC, Sievert LL, Hankinson SE, Manson JE, Rosner BA, Bertone-Johnson ER. Association of in utero exposures with risk of early natural menopause. (in preparation)

11. VanKim NA, Fields ND, **Whitcomb BW**, Hankinson SE, Sievert LL, Bertone-Johnson ER. Sexual orientation differences in menopause timing and symptoms. (in preparation)
12. Desai M, **Whitcomb BW**, Nalawade V, Kwan B, Natarajan L, Murphy J, Su HI. Elevated preterm birth risk in adolescent and young adult cancer survivors is mediated by multiple comorbidities. (in preparation)
13. Pinson K, Myers E, Stark SS, Shliakhtsitsava K, Lam CM, Medica A, **Whitcomb BW**, Su, HI. How long will it take? Time to pregnancy in female young adult cancer survivors. (in preparation)
14. **Whitcomb BW**, Perkins NJ, Ye A, Schisterman EF. Modeling issues in analysis of lipophilic chemical exposures and human health outcomes (in preparation)
15. **Whitcomb BW**. Naimi AI. Left out and misunderstood: selection bias and generalizability in epidemiologic studies. (In preparation for AJE classroom.)
16. Naimi AI, **Whitcomb BW**. Utility and interpretation of P-values in epidemiologic research. (In preparation for AJE classroom.)
17. **Whitcomb BW**. Naimi AI. Weighing scales of interaction: how modeling influences interpretation of epidemiologic research in practice. (In preparation for AJE classroom)
18. **Whitcomb BW**, Naimi AI. Nothing compares 2 u; interpretation and significance of the assumptions of consistency, positivity, and exchangeability for epidemiologic research (in preparation for AJE classroom).

Teaching and Mentorship**TEACHING**

- 2015-current Advanced Epidemiology Methods Seminar, EPI 892BW, UMass Amherst
 2009-current Reproductive Epidemiology, EPI 640, UMass Amherst
 2008-current Intermediate Epidemiologic Methods, EPI 737, UMass Amherst
 2019 Epidemiologic Data Management and Analysis, PH 490KR, UMass Amherst
 2017 Reproductive Epidemiology (Undergraduate level), PH 490E, UMass Amherst
 2016 Analysis of Epidemiologic Data, EPI 700, UMass Amherst
 2016 Doctoral Epidemiology Methods Seminar, EPI 892a, UMass Amherst
 2010 Epidemiology in Public Health, EPI 324, UMass Amherst 2010 Honors
 Colloquium in Epidemiology in Public Health, Public Health 324H UMass
 Amherst
 2007-2008 Teaching Assistant, Statistical Reasoning in Public Health, Johns Hopkins School
 of Public Health, Montgomery County Campus, Department of Biostatistics,
 Rockville, Maryland.
 2003, 2005 Teaching Assistant, Introduction to Biostatistics, University of Maryland School
 of Medicine, Dept. of Epidemiology and Preventive Medicine, Baltimore,
 Maryland.

Guest lectures

- 2018 Causal Inference and the Birthweight Paradox. BIOSTATS 690B, Causal
 Inference, UMass Amherst
 2018 Causal Inference and the Birthweight Paradox. Causal Inference Seminar, 490AH
 2011, 2013: Reproductive Epidemiology – Pregnancy and Miscarriage. Epidemiology of
 Women’s Health, Public Health 490EW+690EW, UMass Amherst

MENTORSHIP***Doctoral committees – chair***

- 2019-current Maegan Boutot: *Reproductive Bleeding Patterns: A Visible Predictor of Fertility
 and Pregnancy Outcomes?*
 2017-current Joshua Freeman: *Sleep and pregnancy outcomes in the EAGeR study*
 2012 – 2018 Melanie Hosker: *Identifying modifiable risk factors for injury in servicewomen.*
 Current position: Lecturer, Yale School of Medicine
 2009 – 2011 Kristine Lynch: *Classification of and risk factors for sporadic anovulation in
 healthy, reproductive aged women.* Current position: Research Assistant
 Professor, Internal Medicine/Epidemiology, University of Utah
 2009 – 2011 Prasad Gawade: *Maternal and fetal factors associated with complications of
 labor and delivery.* Current position: Observational Research Senior Manager,
 Epidemiologist, Amgen.

Doctoral committees – member

- 2020-current Oladele Oluwayiose (Environmental Health Sciences): *The effects of phthalates
 and aging on sperm methylation*
 2020-current Katie Wagner (Epidemiology): *The impact of a lifestyle intervention of diabetes
 risk factors among at-risk Hispanic women*

- 2020-current Jingyao Hao (Biostatistics): *Statistical methods to accommodate censored covariates in regression analysis*
- 2019-current Nydjie Grimes: *Reproductive and Anthropometric Factors, Breast Cancer Risk, and Anti-Müllerian Hormone Levels*
- 2018-current Nicole Fields: *Depression, Anxiety, and Body Composition among Black Women*
- 2018 – 2020 Christine Langton: *Reproductive factors and risk of early natural menopause*
- 2016-current Brittany Rosen: *Neighborhood geographic factors and adverse birth outcomes in Hispanic Women.*
- 2016 – 2018 Haotian Wu (Environmental Health Sciences): *Phthalates, IVF Outcomes, and Mediation by Altered Sperm DNA Methylation*
- 2015 – 2018 Alexandra Purdue-Smithe: *Intakes of Dairy and Constituents of Dairy and Risk of Early Menopause*
- 2015 – 2017 Hui Xu (Biostatistics): *Statistical methods for high dimensional data arising from large epidemiological studies*
- 2015 – 2018 Cristina Huebner-Torres: *Social determinants of diet-sensitive chronic disease prevention and management*
- 2013 – 2016 Serena Houghton: *Dietary factors and Premenstrual Syndrome in the Nurses' Health Study 2 PMS Sub-Study.*
- 2013 – 2015 Carrie Nobles: *The Impact of exercise during pregnancy on maternal outcomes among a high risk population.*
- 2011 – 2013 Marushka Silveira: *Psychosocial factors affecting pregnant Hispanic women.*
- 2008 – 2009 Renee Turzanski Fortner: *Modifiable risk factors for hypertensive disorders in pregnancy among Latina Women.*

Master's committees – chair

- 2020 -current Kye Poronsky: *Novel prediction modeling of frailty using clinical and EMR data*
- 2018 – 2019 Rebecca Goldberg: *Sex and Treatment Guideline Adherence for Non-Purulent Cellulitis*
- 2017 – 2018 Danielle Venne: *Impacts of Casino Availability in Plainville, MA: A Repeated Cross-sectional Analysis*
- 2016 – 2017 Lindsey Russo: *Physical activity and time-to-pregnancy in the EAGeR Study*
- 2014 – 2015 Krishna Vermuri: *The relationship between admitting service and patient outcomes among hospitalized patients at a tertiary care teaching hospital.*
- 2012 – 2013 Nekeisha Nixon: *Secondary sex ratio, maternal age and birth order in the Old Order Amish.*
- 2011 – 2012 Preethi Raj: *The impact of gestation diabetes on maternal and cord blood lipids among prenatal care patients in Western Massachusetts.*
- 2010 – 2011 Nicole Ash: *Adiposity and metabolic syndrome among reproductive aged women.*
- 2010 – 2011 Rodrigo Gramajo-Rodriguez: *Chagas seropositivity and Chagas related heart disease in two communities.*
- 2009 – 2010 Lora Wolski: *Influence of sleep on body mass index and body fat among college aged women.*
- 2009 – 2010 Brooke Nichols: *Density of drinking establishments and HIV prevalence in a migrant town in Namibia, 2005-2009.*
- 2008 – 2009 Shane Fernando: *The association between bullying and risk taking behaviors*

among youth.

2008 – 2009 Will Lapsley: *Risk factors for Lyme arthritis in Lyme disease cases.*

Master's committees – member

- 2020 – 2021 Ramisa Rahman (MPH): *Interpersonal violence and risk of GDM*
- 2019 – 2020 Gabrielle Silverman (MPH): *Insecticide treated bednets and risk of anemia among pregnant and reproductive aged women in Laos*
 Allyson Rosati (MS, Molecular and Cell Biology): *Mitochondrial DNA biomarkers and an overall sperm quality index*
- 2018 – 2019 Kathryn Wagner: *Gestational Weight Gain and Offspring Asthma in Project Viva: A Prospective Cohort Study*
- 2017 – 2018 Mingfei Zhao: *Physical activity and risk of early menopause in NHS2*
- 2016 – 2017 Chelsea Young: *Comparing administration modes to measure health-related quality of life: a report from the Patient Reported Outcome Measurement Information System® (PROMIS®) Pediatric Asthma Study*
 Alexandra Olmstead (environmental health sciences): *Sperm Mitochondrial Copy Number and Associations with Oxidative Stress and Phthalate Metabolites in Male Partners Undergoing Assisted Reproductive Technologies*
- 2015 – 2017 Katrina Leap (biostatistics): *Multiple Testing Correction with Repeated Correlated Outcomes: Applications to Epigenetics*
- 2015 – 2016 Alex Bogdan (biostatistics): *A Comparison of Techniques for Handling Missing Data in Longitudinal Studies*
 Maegan Boutot (epidemiology): *Vegetable Protein Intake and Early Menopause in the Nurses' Health Study II*
 Yisha Li (epidemiology): *Randomized Controlled Trial of Trauma-Focused Cognitive Behavioral Therapy and Mental Health Outcomes in Youth*
- 2014 – 2015 Felicia Quintana-Zinn (epidemiology): *Identifying menstrual symptom patterns in young women using factor and cluster analysis*
 Allison Hope (epidemiology): *Pre-pregnancy body mass index and risk of preterm birth among Hispanic teens*
- 2013 – 2014 Eric Cohen (biostatistics): *The effect of a new congestive heart failure care protocol on rate of 30-day readmission among CHF patients*
 Roya Dasterdji (epidemiology). *Inflammatory Markers and Depression among College Aged Women.*
 Matthew de Gannes (environmental health sciences): *Rapid method of processing sperm for nucleic acid extraction in clinical research.*
- 2012 – 2013 Christine Foley (biostatistics): *Comparison and application of methods to address confounding by indication in non-randomized clinical studies*
 Stanley Kotey (epidemiology): *Autism & risk of asthma among US children*

Commonwealth College Honors Theses

- 2020 – current (Chair) Lilly Fernandes: *COVID-19, Stress and Reproductive outcomes*
- 2018 – 2019 (Chair) Joseph Williams: *Cholera in pregnancy and adverse outcome risk.*
 (Member) Alysson Rosati: *Mitochondrial DNA in sperm and time to pregnancy: the LIFE study*
- 2013 – 2014 (Chair) Lindsey Russo: *Meta-analysis of physical activity and GDM risk.*
- 2010 – 2011 (Member) Nekeisha Nixon: *Underage Drinking in Springfield, Massachusetts.*

Independent Studies

2019 – 2020	Lindsey Russo, PhD student. Physical activity in pregnancy Maegan Boutot, PhD candidate. Functional analysis of menstrual cycle data
2018 – 2019	Maegan Boutot, PhD candidate. Contraception and menstrual cycle patterns Rebecca Goldberg, MS. Advanced SAS for data management and simulations Joseph Williams, Undergraduate. Cholera in pregnancy.
2017 – 2018	Danielle Venne, MS. Proposal writing, gambling and correlates
2016 – 2017	Josh Freeman, PhD candidate. Longitudinal biomarkers in pregnancy
2015 – 2016	Mingfei Zhao, PhD candidate. Analysis of temporal clustering
2014 – 2015	Sam Abariga, PhD candidate. Meta-analysis, periodontitis and GDM
2013 – 2014	Lindsey Russo, Undergraduate. Physical activity and pregnancy outcomes.

Professional Service Activities**Positions in Professional Societies**

- *President*, Society for Pediatric and Perinatal Epidemiologic Research, 2018 – 2020
- *Member-at-large*, Executive Committee, Society for Pediatric and Perinatal Epidemiologic Research, 2011-2015
- Outreach Committee, Society for Pediatric and Perinatal Epidemiologic Research, 2012
- *Student Representative*, Executive Committee, Society for Pediatric and Perinatal Epidemiologic Research, 2005-06
- *Conference Planning Committee*, American Congress of Epidemiology, 2005-06

Prize Paper Reviewer

- Heinz Berendes International Travel Award selection committee chair, Society for Pediatric and Perinatal Epidemiologic Research chair, 2021
- Student Prize Paper selection committee chair, Society for Pediatric and Perinatal Epidemiologic Research, 2019
- Student Prize Paper selection committee member, Society for Pediatric and Perinatal Epidemiologic Research, 2017
- Lilienfeld Student Prize Paper selection committee member, Society for Epidemiologic Research, 2013

Conference Sessions

- Symposium co-chair: *Causal Inference and –omics Research*, Annual Meeting of the Society for Epidemiologic Research, 2020
- Faculty mentor, *SER-SPC Networking Session*, Annual Meeting of the Society for Epidemiologic Research, 2020
- Reproductive and Epidemiology Session Chair: *Methodological issues for reproductive epidemiologic research*, Annual Meeting of the Society for Epidemiologic Research, 2019
- Faculty, Student Dissertation Workshop, Annual Meeting of the Society for Epidemiologic Research, 2018
- Plenary Session Chair: *Maternal Morbidity*, Annual Meeting of the Society for Pediatric and Perinatal Epidemiologic Research, 2017
- Plenary Session Chair: *Advanced Methods in Perinatal Epidemiology*, Annual Meeting of the Society for Pediatric and Perinatal Epidemiologic Research, 2015
- Student Poster Tour Leader, Annual Meeting of the Society for Pediatric and Perinatal

Epidemiologic Research, 2014

- Reproductive and Perinatal Epidemiology Session Chair: *Issues related to time in RPE*, Annual Meeting of the Society for Epidemiologic Research, 2014

Abstract Reviewer

- Abstract reviewer, Annual Meeting of the Society for Epidemiologic Research, 2018 – 2020
- Abstract reviewer, Annual Meeting of the Society for Pediatric and Perinatal Epidemiologic Research, 2015 – 2020

Editorial Boards

2019 – current Associate Editor, *American Journal of Epidemiology*

2017 – 2018 Assistant Editor, *Reproductive Health*

Manuscript Reviews

- *American Journal of Epidemiology*
- *American Journal of Obstetrics and Gynecology*
- *Annals of Epidemiology*
- *Biomed Central Pregnancy and Childbirth*
- *Biomed Central Public Health*
- *Contemporary Clinical Trials*
- *Environmental Health Perspectives*
- *Environment International*
- *Environmental Research*
- *Epidemiology*
- *Experimental and Clinical Endocrinology and Diabetes*
- *Fertility and Sterility*
- *Global Epidemiology*
- *Human Reproduction*
- *International Journal of Hygiene and Environmental Health*
- *Journal of Clinical Endocrinology and Metabolism*
- *Journal of Epidemiology and Community Health*
- *Journal of Women's Health*
- *Paediatric and Perinatal Epidemiology*
- *PLOS one*
- *Reproductive BioMedicine Online*
- *Statistics in Medicine*
- *Women's Health Issues*

Grant Reviews

- Scientific review panel ZHD1 DSR-K, NIH/NICHD, ad hoc member, May 2013
- NORA reviewer, NIOSH, October 2017
- Scientific review panel, RFA HD-20-013, Women's Reproductive Health Research Career Development Award (K12), April 2020

Society Memberships

- International Epidemiology Association
- Society for Epidemiologic Research
- Society for Pediatric and Perinatal Epidemiologic Research

Service at University of Massachusetts Amherst**Epidemiology Program**

Program Head/Concentration Chair		2020 – 21, 2016 – 17
Accelerated Degree Program	Coordinator	2017 – 20
Curriculum and Policy Committee	Chair	2013 – 19
	Member	2019 – 20
Exit Exam Committee	Coordinator	2010 – 11, 2013 – 15, 2018
Admissions Committee	Chair	2010 – 11
	Member	2008 – 10, 2015
Comprehensive Exam Committee	Chair	2010 – 11
	Member	2008 – 10, 2013 – 18, 2019 – 21

Department of Biostatistics and Epidemiology

Curriculum Committee	Co-chair	2016 – 2019
Personnel Committee	Chair	2015 – 2016
	Member	2008 – 2009

School of Public Health and Health Sciences

MPH Steering Committee	Member	2021 – current
Curriculum Committee	Member	2019 – current, 2009 – 2010
<i>Ad hoc</i> MPH committee	Member	2017 – 2019
Personnel Committee	Member	2015 – 2016
Research Committee	Member	2011 – 2016

Other service

Coordinator/co-coordinator, Department/Program Seminar Series, 2009 – 2019