

*Curriculum vitae*

**BRIAN W. WHITCOMB, PhD**

updated Nov 2017

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**Professional appointments**

- 2014 – current: Associate Professor of Epidemiology, Division 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**

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

**Research and Work Experience**

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

## **Awards and Honors**

National Institutes of Health Intramural Research Training Award, 2002  
University of Maryland Baltimore Graduate Merit Award, 2002  
National Institutes of Health Intramural Research Training Award, 2003  
Student Poster Prize, Session II, Society for Epidemiologic Research, Salt Lake City, Utah, 2004  
Society for Epidemiologic Research Student Workshop, Toronto, Canada, 2005  
National Institutes of Health Merit Award, 2007  
Award for Outstanding Service, Johns Hopkins Bloomberg School of Public Health, 2007 – 2008  
Finalist, Earl Stadtman Investigator, 2011  
Research Scholar, UMass Center for Research and Education in Women's Health, 2011-2012  
UMass SPHHS Outstanding Teacher Award Nominee, 2011-12  
UMass SPHHS Outstanding Teacher Award Nominee, 2012-13  
UMass SPHHS Outstanding Teacher Award Nominee, 2013-14  
UMass Distinguished Teaching Award Nominee, 2013-14  
Outstanding Reviewer, Human Reproduction, 2015-16

## **Teaching**

### Courses

2017 Reproductive Epidemiology for Undergrads, PH 490E, UMass Amherst  
2016 Analysis of Epidemiologic Data, EPI 700, UMass Amherst  
2016 Doctoral Epidemiology Methods Seminar, EPI 892a, UMass Amherst  
2015 – Advanced Epidemiology Methods Seminar, EPI 892BW, UMass Amherst  
2009 – Reproductive Epidemiology, EPI 591L, UMass Amherst  
2008 – Intermediate Epidemiologic Methods, EPI 737, 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*

2011, 2013: Reproductive Epidemiology – Pregnancy and Miscarriage. Epidemiology of  
Women's Health, Public Health 490EW+690EW, University of Massachusetts at  
Amherst

## **Mentorship**

### ***Doctoral committees – chair***

2009 – 2011 Kristine Lynch: *Classification of and risk factors for sporadic anovulation in  
healthy, reproductive aged women*. Current position: Assistant Professor of  
Epidemiology, Westminster College  
2009 – 2011 Prasad Gawade: *Maternal and fetal factors associated with complications of labor  
and delivery*. Current position: Observational Research Senior Manager, Amgen.

- 2017 – Joshua Freeman: *Sleep and pregnancy outcomes in the EAGeR study*  
 2012 – Melanie Hosker: *Identifying modifiable risk factors for injury in servicewomen.*

**Doctoral committees – member**

- 2016 – Brittany Rosen: *Neighborhood geographic factors and adverse birth outcomes in Hispanic Women.*  
 2016 – Haotian Wu: *Phthalates, IVF Outcomes, and Mediation by Altered Sperm DNA Methylation*  
 2015 – Alexandra Purdue-Smithe: *Intakes of Dairy and Constituents of Dairy and Risk of Early Menopause*  
 2015 – Hui Xu: *Statistical methods for high dimensional data arising from large epidemiological studies*  
 2015 – 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.*  
 2010 – Biki Takashima: *Relationship between Vitamin D/Calcium and risk of premenstrual syndrome (PMS) and menstrual symptom severity and the correlation between PMS and bone density among premenopausal women.*  
 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 Turznaski Fortner: *Modifiable risk factors for hypertensive disorders in pregnancy among Latina Women.*

**Master's committees – chair**

- 2017 – 2018 Danielle Venne: *Access to local casinos and problem gambling*  
 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**

- 2017 – 2018 Mingfei Zhao: Physical activity and risk of early menopause in NHS2
- 2016 – 2017 Chelsea Young  
Alexandra Olmstead (environmental health perspectives)
- 2015 – 2017 Katrina Leap (biostatistics)
- 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): *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***

- 2013 – 2014 (Chair) Lindsey Russo: *Meta-analysis of physical activity and GDM risk.*
- 2010 – 2011 (Member) Nekeisha Nixon: *Underage Drinking in Springfield, Massachusetts.*

### **Service at University of Massachusetts Amherst**

#### Epidemiology Program

Program Head		2016 – 2017
Accelerated Degree Coordinator		2017 –
Curriculum and Policy Committee	Chair	2013 –
Exit Exam Coordinator		2010 – 2011, 2013 – 2015, 2018
Admissions Committee	Chair	2010 – 2011
Admissions Committee	Member	2008 – 2010, 2015
Comprehensive Exam Committee	Chair	2010 – 2011
Comprehensive Exam Committee	Member	2008 – 2010, 2013 – current

#### Department of Biostatistics and Epidemiology

Curriculum Committee	Co-chair	2016 – 2017
Personnel Committee	Chair	2015 – 2016
	Member	2008 – 2009

## School of Public Health and Health Sciences

Personnel Committee	Member	2015 – 2016
Research Committee	Member	2011 –
Curriculum Committee	Member	2009 – 2010

## Other service

2009 – 2017 Coordinator, Joint Biostatistics and Epidemiology Seminar Series

## **Other Professional Activities**

Assistant Editor, *Reproductive Health*

### Ad-hoc reviewer

- *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*
- *Human Reproduction*
- *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*

Scientific review panel ZHD1 DSR-K, NIH/NICHD, ad hoc member  
NORA reviewer, NIOSH

### National Committees

- Student Prize Paper selection committee member, Society for Pediatric and Perinatal Research, 2017
- Abstract reviewer, Annual Meeting of the Society for Pediatric and Perinatal Research, 2015 – 2017
- Lilienfeld Student Prize Paper selection committee member, Society for Epidemiologic Research, 2013

- Executive Committee, Society for Pediatric and Perinatal Epidemiologic Research, *Member-at-large*, 2011-2015
- Annual Meeting of the Society for Pediatric and Perinatal Epidemiologic Research, Advanced Methods in Perinatal Epidemiology Session Chair, 2015
- Annual Meeting of the Society for Epidemiologic Research, Reproductive and Perinatal Epidemiology Session Chair, 2014
- Outreach Committee, Society for Pediatric and Perinatal Epidemiologic Research, 2012
- Executive Committee, Society for Pediatric and Perinatal Epidemiologic Research, *Student Representative*, 2005-06
- American Congress of Epidemiology, *Conference Planning Committee*, 2005-06

*Memberships*

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

## **Research and External Support**

### Current

- 2016 – 2021 NIH R01- AA024774-01  
*Adolescent binge drinking and effects on adult brain and behavior: the importance of sex differences*  
Co-investigator (PI: HN Richardson)
- 2014 – 2019 NIH R01-HD078517  
*Predictors of early menopause*  
Co-investigator (PI: ER Bertone-Johnson)
- 2014 – 2019 NIH R01-HD080952  
*The reproductive window in young adult cancer survivors*  
Principal investigator of subcontract (PI: HI Su)

### Completed

- 2012 – 2015 NIH R21-HL115357  
*Premenstrual Syndrome and Risk of Subsequent Hypertension*  
Co-investigator (PI: ER Bertone-Johnson)
- 2012 – 2015 Collaborative Biomedical Research Grants, Baystate Medical Center  
*Patterns of Inflammation in Normal Gestation (PING)*  
Principal Investigator
- 2012 – 2014 NIH R21-AA021013-01  
*Effect of Voluntary Binge Drinking on the Prefrontal Cortex in Adolescent Rats*  
Co-investigator (PI: HN Richardson)
- 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
- 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 – Peer Reviewed Journals**

\* *First author is mentored student*

1. 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 Promot*. 2017 Jan 1;890117117732409. [[Epub ahead of print](#)] PMID: 28950725
2. 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. PMID: 29087465
3. 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* (in press)
4. 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. PMID: 29024969
5. Lynch KE, **Whitcomb BW**, DuVall S. The Impact of Residual Confounding Due to Misclassification with the Use of Electronic Health Records. (in press)
6. **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*. 2017 Aug 10. doi: 10.1093/aje/kwx292. [[Epub ahead of print](#)] PMID: 29020262
7. 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* ([Epub ahead of print](#)) PMID: 28992246
8. Li, Jinchao; Goh, Charlene ; Demmer, Ryan; **Whitcomb, Brian**; Du, Peng; Liu, Zhenhua. Association between Serum Folate and Insulin Resistance among U.S. Nondiabetic Adults. *Scientific Reports* 2017;7(1):9187 PMID: 28835661
9. 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. *Journal of Adol Young Adult Oncol* [[ePub ahead of print](#): 2017 July 21. PMID: 28731789].
10. 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



11. 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. PMID: 28265843
12. 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. PMID: 28490509
13. **Whitcomb BW**. Methods and biology in an epidemiology of consequence. Commentary. *Epidemiology* 2017;28:435-438. PMID: 28145984.
14. **Whitcomb BW**<sup>†</sup>, Bloom MS<sup>†</sup>, Kim S, Chen Z, Buck Louis GM. Male birthweight, semen quality and birth outcomes. (joint first authorship) *Hum Reprod.* 2017;32(3):505-513. PMID: 28104697
15. \*Abariga S, **Whitcomb BW**. Periodontitis and Gestational Diabetes Mellitus: A Systematic Review and Meta-analysis of Observational Studies. *BioMed Central Pregnancy and Childbirth* 2016 Nov 8;16(1):344. PMID: 27825315
16. 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. PMID: 27927842
17. 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. PMID: 28069176
18. 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 J Cancer Surviv.* 2017 Feb;11(1):149-157. PMID: 27696249
19. 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
20. 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. PMID: 27420549
21. 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. PMID: 27170433.

22. 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. PMID: 26939923
23. 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 PMID: 26940792
24. 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
25. Bloom MS<sup>†</sup>, **Whitcomb BW**<sup>†</sup>, 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. PMID: 26350610
26. **Whitcomb BW**, McArdle PF. Collider-stratification bias due to censoring in prospective cohort studies. *Epidemiology* 2016 Mar;27(2):e4-5. PMID: 26628423
27. 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
28. 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. PMID: 26601989
29. 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. PMID: 26181090
30. 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.PMID: 25932848
31. 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

32. 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
33. 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. PMID: 25355229
34. 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. PMID: 25098348.
35. 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
36. 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
37. 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. PMID: 24945416
38. 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. PMID: 24859010
39. \*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 Eumenorrheic Women: Comparison of Ovulation Detection Algorithms *Fertility and Sterility* 2014 Aug;102(2):511-518.e2. PMID: 24875398
40. **Whitcomb BW**, Mumford SL, Perkins NJ, Wactawski-Wende J, Lynch KL, Bertone-Johnson ER, Schisterman EF. Cytokine and chemokine profiles across the menstrual cycle in healthy reproductive age women. *Fertility and Sterility* 2014 May;101(5):1383-1391.e2. PMID: 24581581

41. 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. PMID: 24118062
42. 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. PMID: 24037854
43. 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
44. 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
45. 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. PMID: PMC3504353
46. 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. PMID: 22992363
47. 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. PMID: 22647450
48. 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. PMID: 22416852
49. 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

50. **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. PMID: 22437722
51. 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. PMID: 22306563
52. 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
53. 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. PMID: 21819426
54. Schisterman EF, **Whitcomb BW**, Roberts KA. Causation or “noitasuaC”. *American Journal of Epidemiology* 2011;173(9):984-7. PMID: 21430191
55. 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;43(4):639-46. PMID: 20798663
56. **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;95:147-51. PMID: 20663496
57. 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
58. **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;24(5):433-40. PMID: 20670224
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84. 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). PMID: 15109400
85. 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). PMID: 15003125
86. 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;41:1547-53. PMID: 12742296
87. 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;11:1-8. PMID: 12396895



## **Presentations and Abstracts**

### *Invited Presentations*

1. Directed acyclic graphs for causal modeling in epidemiologic research. Center for Quality of Care Research – Baystate Health, Springfield, MA 2015
2. Magnitude of collider-stratification & selection bias in cohort studies. Joint Biostatistics and Epidemiology Seminar Series, University of Massachusetts, Amherst, 2014.
3. 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.
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. Cytokines and human reproduction. Department of Epidemiology and Biostatistics, University at Albany, State University of New York, 2010.
8. Statistical models for causal inference in epidemiology. Biostatistics working group, University of Massachusetts, Amherst, 2009.
9. Assay calibration method selection and risk estimation. Department of Statistics, University of Connecticut, 2009.
10. Cytokines and pregnancy outcomes. Department of Biostatistics and Epidemiology, McGill University, 2007.
11. Methodological issues in the analysis of PCBs and endometriosis. School of Nursing, University of Maryland, Baltimore, 2007.
12. Assessment of cytokines in pregnancy outcomes. Department of Family and Preventive Medicine, University of Utah, 2007.
13. Cytokines and pregnancy outcomes. Center for Clinical Epidemiology and Biostatistics, University of Pennsylvania, 2007.
14. Circulating granulocyte colony stimulating factor and preterm birth. Society for Pediatric and Perinatal Epidemiologic Research, Boston 2007.

15. Cytokines, chemokines and clinical pregnancy loss. Society for Pediatric and Perinatal Epidemiologic Research, Seattle 2006.
16. 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.

*Abstracts*

1. 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.
2. 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.
3. 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.
4. 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.
5. 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.
6. Lindsey M. Russo\*, **Brian W. Whitcomb**, Karen C. Schliep, Sunni L. Mumford, Keewan Kim, Ukpebo Omosigho, Tiffany Holland, Lindsey Sjaarda, Neil J. Perkins, Robert M. Silver. Physical activity and fecundability. Annual Meeting of the Society for Pediatric and Perinatal Epidemiologic Research, 2017, Seattle.
7. Joshua R. Freeman\*, **Brian W. Whitcomb**, Amrita Roy, Elizabeth R. Bertone-Johnson, Nicholas G. Reich, Andrew J. Healy. 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.
8. Alexandra Purdue-Smithe, **Brian Whitcomb**, Susan Hankinson, JoAnn Manson, Bernard Rosner, Lisa Troy, Elizabeth Bertone-Johnson. Total and Bioavailable 25-hydroxyvitamin D Levels and Risk of Early Menopause. Annual Meeting of the Society for Epidemiologic Research, 2017, Seattle.

9. **BW Whitcomb**, 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.
10. **BW Whitcomb**, 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.
11. ER Bertone-Johnson, **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.
12. ER Bertone-Johnson, **BW Whitcomb**, A Purdue-Smithe, SE Hankinson, BA Rosner, JE Manson. Anti-Müllerian hormone levels and risk of early natural menopause. Oral presentation at the Annual Meeting of the Society for Epidemiologic Research, 2017, Seattle.
13. 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.
14. Healy MW, **Whitcomb B**, 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.
15. 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.
16. 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.
17. 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.
18. 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.

19. 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.
20. 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.
21. 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.
22. 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.
23. 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.
24. 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.
25. 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.
26. 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.
27. 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.
28. 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.
29. 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.

30. 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.
31. 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.
32. 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.
33. 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.
34. 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.
35. 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.
36. 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.
37. 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.
38. 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.
39. 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.

40. 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.
41. 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.
42. 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.
43. 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.
44. 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.
45. 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.
46. 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.
47. 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.
48. Perkins NJ, **Whitcomb BW**, Lyles RH. Analysis of randomly pooled case-control data. Annual Meeting of the Society for Epidemiologic Research 2011, Montréal.
49. 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.

50. **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.
51. 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.
52. 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.
53. Schisterman EF, Mumford SL, **Whitcomb BW**, Trevisan M, Wactawski-Wende J. Failure to consider menstrual cycle phase might lead to misinterpretation of biomarker data. Podium presentation at the Annual Meeting of the American Epidemiological Society, 2011. Atlanta.
54. 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.
55. 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.
56. 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.
57. 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.
58. 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.
59. 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.

60. 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.
61. 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, Austria.
62. 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.
63. 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
64. 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.
65. 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.
66. 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.
67. 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.
68. **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.
69. 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.
70. 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.



71. 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.
72. 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.
73. 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.
74. **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.
75. **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.
76. 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.
77. **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.
78. **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.
79. **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.
80. **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.
81. **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.

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