

Curriculum vitae  
**BRIAN W. WHITCOMB, PhD**  
updated June 2012

Division of Biostatistics and Epidemiology  
School of Public Health and Health Sciences  
408 Arnold House  
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**Professional appointments**

2008 – current: 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, 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.

### **Computer Proficiency**

SAS v9.2  
SPSS 11.5  
Stata 9  
NCSS 2000  
S-Plus 2000

### **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

### **Teaching Experience**

#### *Courses*

- 2009-2012: Reproductive Epidemiology, Public Health 591L, University of Massachusetts at Amherst
- 2008-2011: Advanced Epidemiologic Methods, Public Health 737, University of Massachusetts at Amherst
- 2010: Epidemiology for Public Health (undergraduate), Public Health 324, University of Massachusetts at Amherst

- 2010: Honors Colloquium in Epidemiology for Public Health (undergraduate), Public Health 324H, University of Massachusetts at Amherst
- 2007-2008: Co-instructor, Johns Hopkins School of Public Health, Montgomery County Campus, Department of Biostatistics, Statistical Reasoning in Public Health, Rockville, Maryland.
- 2005: Teaching Assistant, University of Maryland School of Medicine, Department of Epidemiology and Preventive Medicine, Introduction to Biostatistics, Baltimore, Maryland.
- 2003: Teaching Assistant, University of Maryland School of Medicine, Department of Epidemiology and Preventive Medicine, Introduction to Biostatistics, Baltimore, Maryland.
- Guest lectures*
- 2011: Reproductive epidemiology – pregnancy and miscarriage. Epidemiology of Women’s Health, Public Health 490W, University of Massachusetts at Amherst

## **Service**

### *University of Massachusetts Amherst*

#### Committees, School of Public Health and Health Sciences

- 2010 – 2011 Research Committee, member  
 2009 – 2010 Curriculum Committee, member

#### Committees, Division of Biostatistics and Epidemiology

- 2010 – 2011 Admissions Committee, chair  
 2010 – 2011 Comprehensive Exams Committee, chair  
 2009 – 2010 Exit Exam Committee, chair  
 2008 – 2010 Admissions Committee, member  
 2008 – 2010 Comprehensive Exams Committee, member  
 2008 – 2009 Personnel Committee, member  
 2008 – 2009 Comprehensive Exams Committee, member

#### Thesis and Dissertation Committees

##### ***Doctoral committees***

- 2009 – 2011 (Chair) Kristine Lynch. Classification of and risk factors for sporadic anovulation in healthy, reproductive aged women
- 2009 – 2011 (Chair) Prasad Gawade. Maternal and fetal factors associated with complications of labor and delivery
- 2011 – (Member) Marushka Silveira. Psychosocial factors affecting pregnant Hispanic women.

- 2010 – (Member) 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.
- 2008 – 2009 (Member), Renee Turznaski Fortner. Modifiable risk factors for hypertensive disorders in pregnancy among Latina Women

#### ***Master's committees***

- 2011 – 2012 (Chair) Preethi Raj. The impact of gestation diabetes on maternal and cord blood lipids among prenatal care patients in Western Massachusetts.
- 2010 – 2011 (Chair) Nicole Ash. Adiposity and metabolic syndrome among reproductive aged women.
- 2010 – 2011 (Chair) Rodrigo Gramajo-Rodriguez. Chagas seropositivity and Chagas related heart disease in two communities.
- 2009 – 2010 (Chair) Lora Wolski. Influence of sleep on body mass index and body fat among college aged women.
- 2009 – 2010 (Chair) Brooke Nichols. Density of Drinking establishments and HIV prevalence in a migrant town in Namibia, 2005-2009.
- 2008 – 2009 (Chair) Shane Fernando. The association between bullying and risk taking behaviors among youth.
- 2008 – 2009 (Chair) Will Lapsley. Risk factors for Lyme arthritis in Lyme disease cases.

#### ***Commonwealth College Honors Theses***

- 2010 – 2011 (Member) Nekeisha Nixon. Underage Drinking in Springfield, Massachusetts.

#### **Other service**

- 2009 – current co-organizer, Joint Biostatistics and Epidemiology Seminar Series

#### **Other Professional Activities**

##### **Referee**

- *American Journal of Epidemiology*, 2004 – current
- *Annals of Epidemiology*, 2003 – current
- *Biomed Central Pregnancy and Childbirth*, 2010 – current
- *Contemporary Clinical Trials*, 2011 – current
- *Epidemiology*, 2009 – current
- *Environmental Health Perspectives*, 2011 – current
- *Fertility and Sterility*, 2007 – current
- *Human Reproduction*, 2012 – current
- *Journal of Women's Health and Gender-Based Epidemiology*, 2004 – current
- *Journal of Epidemiology and Community Health*, 2010 - current
- *Paediatric and Perinatal Epidemiology*, 2008 – current
- *Statistics in Medicine*, 2011

## National Committees

### *Service Roles*

- Executive Committee, Society for Pediatric and Perinatal Epidemiologic Research, *Member-at-large*, 2011-current (term runs through 2015)
- Society for Pediatric and Perinatal Epidemiologic Research, *student representative*, 2005-2006
- American Congress of Epidemiology, *Conference Planning Committee*, 2005-2006

### *Memberships*

- American Society for Reproductive Medicine
- Society for Epidemiologic Research
- Society for Pediatric and Perinatal Epidemiologic Research

## Research and External Support

### Current support

Collaborative Biomedical Research Grants, Baystate Medical Center. Patterns of Inflammation in Normal Gestation. 6/2012-6/2013. Co-PI: **BW Whitcomb** \$24,998

### Completed support

Faculty Research Grants, University of Massachusetts, Amherst. Correlation of cytokines in serum and urine during the menstrual cycle. 6/2009-12/2011. PI: **BW Whitcomb** \$29,769

*Eunice Kennedy Shriver* National Institute of Child Health & Human Development. Interferon-inducible Chemokines and Miscarriage. 8/2007-8/2008. PI: **BW Whitcomb** \$56,000. Co investigators: NJ Perkins, A Vexler, EF Schisterman, MA Klebanoff and N Chegini.

*Eunice Kennedy Shriver* National Institute of Child Health & Human Development. Cytokines and Chemokines across the Menstrual Cycle. 8/2006-8/2007. PI: EF Schisterman \$380,000. Co PI: **BW Whitcomb**. Co-investigators: N Chegini and J Wactawski-Wende.

*Eunice Kennedy Shriver* National Institute of Child Health & Human Development. Cytokines and Spontaneous Abortion. 6/2004-6/2006. PI: EF Schisterman, \$92,000 total cost. Co Investigators: **BW Whitcomb** and M Klebanoff.

## Publications – Peer Reviewed Journals

\* *First author is mentored student*

1. 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* (accepted).

2. 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 (in press)*
3. 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
4. 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
5. **Whitcomb BW**, Perkins NJ, Zhang Z, Ye A, Lyles RJ. Assessment of skewed exposures in pooled case-control studies. *Statistics in Medicine (in press)*
6. 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
7. 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.
8. 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.
9. Schisterman EF, **Whitcomb BW**, Roberts KA. Causation or “noitasuaC”. *American Journal of Epidemiology* 2011;173(9):984-7.
10. 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.
11. **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.
12. 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.

13. **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.
14. 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;19(5):959-67. PMID: 20384452
15. **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.
16. 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;21 Suppl 4:S4-9.
17. 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.
18. 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.
19. Schisterman EF, **Whitcomb BW**, Perkins NJ, Platt RW. Birth weight z-scores and the birth weight paradox. *Paediatric and Perinatal Epidemiology* 2009 Sep;23(5):403-13.
20. **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.
21. 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.
22. **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.
23. Vexler A, Wu C, Liu A, **Whitcomb BW**, Schisterman EF. An Extension of a Change Point Problem. *Statistics* 2009;43(3):213 – 225.
24. 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.

25. 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.
26. 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
27. 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* 2008 Dec 15;67(3):176-182.
28. 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;50(3):419-30.
29. **Whitcomb BW**, Schisterman EF. Assays with lower detection limits: Implications for epidemiologic investigation. *Paediatric and Perinatal Epidemiology* 2008;22;597-602.
30. 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;90(1):71-6.
31. **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;89(6):1795-802.
32. **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;166:323–331.
33. **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;16:124-133.
34. Schisterman EF, Vexler A, **Whitcomb BW**, Liu A. The Limitations due to Exposure Detection Limits for Regression Models. *American Journal of Epidemiology* 2006;163:374-383.
35. **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;33:2772-2777.



36. Schisterman EF, **Whitcomb BW**, Germaine M. Buck, Thomas A. Louis. Lipid Adjustment in the Analysis of Environmental Contaminants and Human Health Risks. *Environmental Health Perspectives* 2005;113:853-857.
37. **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;19:203-213.
38. 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* 2004;20:279-285.
39. 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)
40. 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)
41. 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.
42. 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. *Women's Health and Gender Based Medicine* 2002;11:1-8.

## **Presentations and Abstracts**

### *Invited Presentations*

1. Much ado about nothing? A commentary on data measured with a lower bound. Advanced Methods Workshop, Society for Pediatric and Perinatal Epidemiologic Research, Seattle 2006.
2. Cytokines, chemokines and clinical pregnancy loss. Society for Pediatric and Perinatal Epidemiologic Research, Seattle 2006.
3. Circulating granulocyte colony stimulating factor and preterm birth. Society for Pediatric and Perinatal Epidemiologic Research, Boston 2007.

4. Cytokines and pregnancy outcomes. Center for Clinical Epidemiology and Biostatistics, University of Pennsylvania, 2007.
5. Assessment of cytokines in pregnancy outcomes. Department of Family and Preventive Medicine, University of Utah, 2007.
6. Methodological issues in the analysis of PCBs and endometriosis. School of Nursing, University of Maryland, Baltimore, 2007.
7. Cytokines and pregnancy outcomes. Department of Biostatistics and Epidemiology, McGill University, 2007.
8. Assay calibration method selection and risk estimation. Department of Statistics, University of Connecticut, 2009.
9. Statistical models for causal inference in epidemiology. Biostatistics working group, University of Massachusetts, Amherst, 2009.
10. Cytokines and human reproduction. Department of Epidemiology and Biostatistics, University at Albany, State University of New York, 2010.
11. Dealing with rejection: *Pregnancy, inflammation and the epidemiology of pregnancy outcomes*. Commonwealth College, University of Massachusetts, Amherst 2010.
12. Miscarriage and inflammation; studying pregnancy failure with an epidemiological approach. BioTap Lecture Series, University of Massachusetts, Amherst 2011.
13. Cytokines and correlates in the menstrual cycle. Hormones for Breakfast, Center for Neuroendocrine Studies, University of Massachusetts, Amherst 2011.
14. Epidemiologic studies of cytokines in human reproduction. Research in Progress Seminar Series, Dept. of Quantitative Health Sciences, Univ. of Massachusetts Med. School, 2011.

#### *Abstracts*

1. 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. Organization for the Study of Sex Differences 2012, Baltimore.
2. Perkins NJ, **Whitcomb BW**, Lyles RH. Analysis of randomly pooled case-control data. Society for Epidemiologic Research 2011, Montréal.
3. **Whitcomb BW**, Perkins NJ, Zhang Z, Ye A, Lyles RH. Flexible assessment of skewed exposure in case-control studies with pooling. Society for Epidemiologic Research 2011, Montréal.

4. 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. Society for Epidemiologic Research 2011, Montréal.
5. 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. Society for Pediatric and Perinatal Epidemiologic Research 2011, Montréal.
6. 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. Society for Behavioral Neuroendocrinology 2010, Toronto.
7. Perkins NJ, **Whitcomb BW**, Schisterman ES. Flexible, efficient biomarker assay calibration designs. Society for Pediatric and Perinatal Epidemiologic Research 2010, Seattle.
8. Lynch KE\*, **Whitcomb BW**, Mumford SL, Gaskins AJ, Wactawski-Wende J, Schisterman EF. Chronic alcohol consumption and reproductive hormones. Society for Pediatric and Perinatal Epidemiologic Research 2010, Seattle.
9. 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. Society for Pediatric and Perinatal Epidemiologic Research 2010, Seattle.
10. Fernando S\*, Ramisetty-Mikler S, **Whitcomb BW**, Puleo E. The association between bully victimization and suicide behaviors among youth in Massachusetts. Society for Pediatric and Perinatal Epidemiologic Research 2010, Seattle.
11. 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
12. 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.
13. B.Nichols\*, P.Gerety, D.Van de Vijver, **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
14. Gawade P\*, Markenson G, Bsat 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 (ACM) 2010

15. 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 (ACM) 2010
16. Gollenberg AL, Hediger M, Schisterman EF, Mumford SL, **Whitcomb BW**, Wactawski-Wende J. Perceived stress and severity of perimenstrual symptoms: The BioCycle Study. Society for Pediatric and Perinatal Epidemiologic Research 2009, Anaheim.
17. 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. Society for Pediatric and Perinatal Epidemiologic Research 2009, Anaheim.
18. **Whitcomb BW**, Schisterman EF, Wactawski-Wende J, Johnson K, Chellini N. Urinary inflammatory and immune related cytokines and chemokines and ovarian function: observations from the BioCycle Study. Society for Pediatric and Perinatal Epidemiologic Research 2008, Chicago.
19. Rosenthal LA, Perkins NJ, **Whitcomb BW**, Schisterman EF. Analyzing Data Subject to a Limit of Detection: Common Practices in Current Research. Society for Epidemiologic Research 2008, Chicago.
20. Levens ED, **Whitcomb BW**, Hennessy S, James AN, Larsen FW. Blastocyst development rate impacts outcome in cryopreserved blastocyst transfer. American Society for Reproductive Medicine, Washington D.C. 2007.
21. 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. American Society for Reproductive Medicine, Washington D.C. 2007.
22. **Whitcomb BW**, Schisterman EF. Quantifying biases in time to pregnancy studies: retrospective, prospective and current-duration approach. Society for Pediatric and Perinatal Epidemiologic Research, Boston 2007.
23. **Whitcomb BW**, Schisterman EF, Klebanoff MA, Luo X, Chellini N. Circulating granulocyte colony stimulating factor and preterm birth. Society for Epidemiologic Research, Boston 2007.
24. Ruopp MD, Perkins NP, **Whitcomb BW**, Schisterman EF. Youden Index and Optimal Cut-Point Estimated From Observations Affected by a Lower-Limit of Detection. Society for Epidemiologic Research, Boston 2007.
25. **Whitcomb BW**, Schisterman EF, Luo X, Chellini N, Klebanoff MA. Cytokines, chemokines and clinical pregnancy loss. North American College of Epidemiology, Seattle 2006.

26. **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. American Society of Bone and Mineral Research, Seattle 2004.
27. **Whitcomb BW**, Schisterman EF, Hu J. Limit of Detection Bias and Correction of Variance Estimates. International Society of Environmental Epidemiology, New York City 2004.
28. **Whitcomb BW**, Schisterman EF, Hu J. Limit of Detection Bias Correction and Appropriate Confidence Intervals. Society of Epidemiologic Research, Salt Lake City 2004.
29. **Whitcomb BW**, Schisterman EF, Buck GM, Louis TA. Methodologic Issues in the Analysis of Polychlorinated Biphenyls. National Institutes of Health Poster Day, Bethesda 2003.
30. **Whitcomb BW**, Whiteman M, Flaws JA. Is there an association between physical activity and menopausal hot flashes? Society of Epidemiological Research, Atlanta 2003.
31. **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. Society of Epidemiological Research, Atlanta 2003.
32. 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. American Congress of Cardiology, Chicago 2003.
33. **Whitcomb BW**, Schisterman EF, Buck GB. Relative Concentrations of Organochlorine Pesticides and Polychlorinated Biphenyls in Adipose Tissue and Serum of Women of Reproductive Age. National Institutes of Health Poster Day, Bethesda 2002.
34. Schisterman EF, Faraggi D, Reiser B, Gransar H, **Whitcomb BW**, The Area Under the ROC Curve when Blood Samples are Pooled. Society of Medical Decision Making, San Diego 2001.
35. 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?" Society of Epidemiological Research, Toronto 2001.

### **Other Brief Communications (letters, etc.)**

1. Schisterman EF, **Whitcomb BW**. Biology and methodology – the quest for parsimonious models of a complex reality. *Paediatric and Perinatal Epidemiology* 2009;23(5):421-423.
2. Ruopp MD, Collins TC, **Whitcomb BW**, Schisterman EF. Is it time for a meta-analysis? *Human Reproduction Update* 2008;14(3):289.
3. **Whitcomb BW**, Schisterman EF, Louis GMB. Gestational age, gestational age-at-delivery: cause, effect, or time-scale? *Human Reproduction* 2007;22:3267.
4. Bloom MS and **Whitcomb BW**. Matching and the assumptions of standard frequentist statistics. *Fertility and Sterility* 2006;86:1805.
5. **Whitcomb BW** and Schisterman EF. Units of analysis-matched pairs, single patient, or cycles? *Fertility and Sterility* 2004;82:987-988.
6. Schisterman EF and **Whitcomb BW**. Measurement error! Communication between content experts and statisticians. *Fertility and Sterility* 2004;82:514-515.