

Sunni Lyn Mumford, Ph.D.

Curriculum Vitae

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GENERAL INFORMATION

Office: Epidemiology Branch
Address: *Eunice Kennedy Shriver* National Institute of Child Health and Human Development
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Rockville, MD 20852

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EDUCATION

2002 B.S. in Statistics, Utah State University, Logan, Utah
BioMath Minor, University Honors with Departmental Honors in Statistics

2006 S.M. in Biostatistics, Harvard University, Boston, Massachusetts
Interdisciplinary concentration in Women, Gender, and Health

2009 Ph.D. in Epidemiology, University of North Carolina, Chapel Hill, North Carolina
Dissertation title: The interplay between hormones, lipids, and dietary intake: The BioCycle Study

POSTDOCTORAL TRAINING

2010-2011 Postdoctoral Research Fellow in Epidemiology, *Eunice Kennedy Shriver* National Institute of Child Health and Human Development, National Institutes of Health, Rockville, Maryland

PROFESSIONAL POSITIONS

2000-2002 Research Assistant in Statistics, BD Medical Systems, Sandy, Utah

2002 Research Assistant, Senior Honors Thesis, Cache County Study on Memory in Aging, Utah State University, Logan, Utah

2004 Statistical Consultant, BD Medical Systems, Sandy, Utah

2005 Research Associate, Cambridge Health Alliance, Cambridge, Massachusetts

2005-2007 Summer Research Fellow, Epidemiology Branch, NICHD, Rockville, Maryland

2008 Research Assistant, RTI International, UNC Evidence-based Practice Center, Chapel Hill, North Carolina

- 2011 Research Fellow, Epidemiology Branch, NICHD, Rockville, Maryland
- 2012 *Earl Stadtman* Investigator, Epidemiology Branch, NICHD, Rockville, Maryland

PROFESSIONAL SOCIETIES

- 2006- Society for Pediatric and Perinatal Epidemiologic Research
- 2007- Society for Epidemiologic Research
- 2014- American Society for Reproductive Medicine

PROFESSIONAL & GOVERNMENTAL SERVICE

- Student Representative, Society for Pediatric and Perinatal Epidemiologic Research, 2006-2008
- NICHD/NCI Career Development Committee, 2010-2011
- DIPHR Professional Development Committee, 2010-2011
- DIPHR Concept Proposals Working Group, 2011
- NIH Wide Acquisitions Initiative Steering Committee, 2012-2013
- U.S. Environmental Protection Agency (EPA) State of the Science on Nonmonotonic Dose Response Working Group, 2012-2013
- Junior Acquisitions Working Group, 2013

EDITORIAL ACTIVITIES

- 2013- Associate Editor, *American Journal of Epidemiology*
- 2013- Section Editor, *Female Fertility, Reproductive Health*

Ad-Hoc Review

- American Journal of Epidemiology*
Epidemiology
Paediatric and Perinatal Epidemiology
Human Reproduction
Statistics in Medicine
Annals of Epidemiology
BMC Pregnancy and Childbirth
American Journal of Obstetrics and Gynecology
Journal of Women's Health
Journal of the American Dietetic Association
Journal of Clinical Endocrinology and Metabolism
Environmental Health Perspectives
Journal of the Academy of Nutrition and Dietetics

Reproductive Sciences
Reproductive Biology and Endocrinology
Clinical Epidemiology
European Journal of Epidemiology
Fertility and Sterility
BMC Endocrine Disorders
Journal of Adolescent Health
Nutrients
International Journal of Fertility and Sterility
European Journal of Clinical Nutrition
Journal of Nutrition
African Journal of Biotechnology
European Journal of Nutrition

AWARDS and HONORS

- 2001-2002 Mortar Board, Utah State University, Logan, Utah
- 2001 Honors Fellow, Honors Program, Utah State University, Logan, Utah
- 2006 NICHD/IHDCYH Summer Institute in Reproductive and Perinatal Epidemiology, Selected student
- 2006-2008 NIH Environmental Epidemiology Training Grant, University of North Carolina, Department of Epidemiology, Chapel Hill, North Carolina
- 2008-2009 NICHD Intramural Research Training Award, Predoctoral Fellowship, Rockville, Maryland
- 2009-2010 NICHD Intramural Research Training Award, Postdoctoral Fellowship, Rockville, Maryland
- 2010 NICHD Merit Award, For organization of an interdisciplinary team that created an innovative study in reproductive and perinatal epidemiology, Bethesda, Maryland
- 2011 Student Prize Paper Award, Society for Pediatric and Perinatal Epidemiologic Research, Montreal, Canada
- 2012 Selected from a worldwide search for the Trans-NIH Earl Stadtman Tenure Track Investigator Distinction
- 2013 NIH Intramural Loan Repayment Program Award, Bethesda, Maryland
- 2014 Rising Star Award, Society for Pediatric and Perinatal Epidemiologic Research, Seattle, Washington
- 2014 NIH Office of the Director Honor Award, For your dedication, collaboration, and actionable recommendations as a member of the NIH-Wide Action Plan (N-Act) working groups, Bethesda, Maryland
- 2014 Fertility and Sterility Star Reviewer Award

FUNDING INFORMATION

Principal Investigator, Office of Dietary Supplements: OD-00-113, October 2010 to September 2011
 “Longitudinal measurements of dietary caffeine intake and biochemical markers in women participating in the BioCycle Study.”

Co-Principal Investigator, Folic Acid and Zinc Supplementation Trial (FAZST). September 2011 to September 2016. Co-Principal Investigator: Enrique F. Schisterman.

Principal Investigator, AMH, Testosterone, Leptin, and Folate Biospecimen Analysis in the BioCycle Study. August 2011 to August 2012.

Principal Investigator, Measurement of Biospecimens in the Effects of Aspirin in Gestation and Reproduction (EAGeR) Trial. August 2012 to August 2014.

Principal Investigator, Impact of Diet, Exercise, and Lifestyle on Fecundity: The IDEAL Study. October 2014 to September 2017.

TEACHING

- 2001-2002 Recitation Leader, Business Statistics (STAT2300), Utah State University, Logan, Utah
- 2007 Teaching Assistant, Principles of Epidemiology for Public Health (EPID600), University of North Carolina, Chapel Hill, North Carolina
- 2009 Teaching Assistant, Principles and Practice of Epidemiology (PubH203), The George Washington University, Washington, District of Columbia
- 2011 Instructor, Studies in Child Health and Human Development: Theory, Design and Methods, DIPHR Summer Course 2011, Rockville, Maryland

MENTORING

- 2008-2009 Audrey J. Gaskins, BSE, Co-mentor: supervised post-baccalaureate fellowship, current position: doctoral student in epidemiology and nutrition at Harvard School of Public Health
- 2010 Sonya Dasharathy, BA, Co-mentor: supervised post-baccalaureate fellowship, current position: medical student at New York University
- 2011 Amanda Filiberto, BS, Co-mentor: supervised post-baccalaureate fellowship, current position: medical student at Virginia Commonwealth University
- 2011 Jill Poudrier, BS, Co-mentor: supervised summer internship, current position: data analyst
- 2011 Hali Hambridge, MS, Co-mentor: supervised summer internship, current position: graduate student in statistics at Johns Hopkins University
- 2012 Ankita Prasad, BS, Co-mentor: supervised post-baccalaureate fellowship, current position: graduate student in physiology at Boston University
- 2012 Karen Schliep, PhD, Mentor: postdoctoral fellowship

- 2012 Lindsey Sjaarda, PhD, Co-mentor: postdoctoral fellowship
- 2012 Kerri Kissell, MD, Co-mentor: clinical fellowship
- 2013 Rebecca Matyas, BS, Co-mentor: post-baccalaureate fellowship
- 2013 Maya Shimony, BS, Mentor: summer internship, current position: graduate student in public health at George Washington University
- 2013 Shvetha Zarek, MD, Co-mentor: clinical fellowship
- 2014 Robyn Kalwerisky, BS, Co-mentor: post-baccalaureate fellowship
- 2014 Kara Ann Michels, Ph.D. Co-mentor: postdoctoral fellowship
- 2014 Torie Plowden, MD, Mentor: clinical fellowship

INVITED TALKS/SEMINARS

- 2010 Direct effects of fiber intake on cholesterol independent of estrogen. Earl Stadtman Research Symposium, National Institutes of Health, Bethesda, Maryland
- 2010 Direct effects of fiber intake on cholesterol independent of estrogen. Epidemiology Branch, NICHD. Rockville, Maryland
- 2011 Marginal Structural Models: An Application in Reproductive Epidemiology. George Washington University Biostatistics Center. Rockville, Maryland
- 2011 Realignment and Multiple Imputation of Longitudinal Data: An Application to Menstrual Cycle Data. Society for Pediatric and Perinatal Epidemiologic Research Annual Meeting. Montreal, Canada.
- 2011 Bias from overadjustment and unnecessary correction. DAGvironmental health: a (re)introduction to causal diagrams and their application in environmental epidemiology research. Workshop as part of the 2011 meeting of the International Society for Environmental Epidemiology. Barcelona, Spain.
- 2011 To adjust or not adjust for serum lipids in studies of the health effects of lipophilic environmental contaminants. DAGvironmental health: a (re)introduction to causal diagrams and their application in environmental epidemiology research. Workshop as part of the 2011 meeting of the International Society for Environmental Epidemiology. Barcelona, Spain.
- 2011 Selection bias in the evaluation of environmental exposures on pre-term birth and low birthweight. DAGvironmental health: a (re)introduction to causal diagrams and their application in environmental epidemiology research. Workshop as part of the 2011 meeting of the International Society for Environmental Epidemiology. Barcelona, Spain.
- 2011 Vitamin Donuts? Exploring the role of diet and fertility. Earl Stadtman Research Symposium, National Institutes of Health, Bethesda, Maryland.
- 2012 Vitamin Donuts? Exploring the role of diet and fertility. Epidemiology Branch, NICHD. Rockville, Maryland

- 2012 A Snapshot of DAGs in Everyday Life: Design, Implementation and Interpretation. International Society for Environmental Epidemiology. Columbia, South Carolina.
- 2012 DAGs in Everyday Life: Design, Implementation, and Interpretation. Workshop as part of the 2012 meeting of the International Society for Environmental Epidemiology. Columbia, South Carolina.
- 2012 DAGs in Everyday Life: Design, Implementation, and Interpretation. University of Utah, Salt Lake City, Utah.
- 2013 Personal Perspectives of the Job Search and Interview Panel. Fellows' Career Development Seminar Series, NCI/NICHHD, Rockville, Maryland.
- 2013 Sporadic anovulation in women with regular menstruation. World Congress on Endocrinology. Raleigh, North Carolina.
- 2014 DAGs in Everyday Life: Design, Implementation, and Interpretation. Workshop as part of the 2014 meeting of the International Society for Environmental Epidemiology. Seattle, WA.

PUBLICATIONS and PRESENTATIONS

Publications

Peer-Reviewed Papers

1. **Mumford SL**, Schisterman EF, Vexler A, Liu A. Pooling Biospecimens and Limits of Detection: Effects on ROC Curve Analysis. *Biostatistics* (2006);7(4):585-98. PMID:16531470
2. **Mumford SL**, Siega-Riz AM, Herring A, Evenson KR. Dietary Restraint and Gestational Weight Gain. *Journal of the American Dietetic Association* (2008);108(10):1646-53. PMCID: PMC2617709
3. Viswanathan M, Siega-Riz AM, Moos MK, Deierlein A, **Mumford SL**, Knaack J, Thieda P, Lux LJ, Lohr KN. Outcomes of Maternal Weight Gain. *Evidence Report/Technology Assessment (Full Report)* (2008);168:1-223. PMID:18620471
4. Schisterman EF, Whitcomb BW, **Mumford SL**, Platt RW. Z-scores and the birthweight paradox. *Paediatric and Perinatal Epidemiology* (2009);23(5):403-13. PMCID: PMC2742985
5. ¹Gaskins AJ, **Mumford SL**, Zhang C, Wactawski-Wende J, Hovey KM, Whitcomb BW, Howards PP, Perkins NJ, Yeung E, Schisterman EF. Effect of daily fiber intake on reproductive function: The BioCycle Study. *American Journal of Clinical Nutrition* (2009);90(4):1061-9. PMCID: PMC2744625
6. Siega-Riz AM, Viswanathan M, Moos MK, Deierlein A, **Mumford SL**, Knaack J, Thieda P, Lux LJ, Lohr KN. A Systematic Review of Outcomes of Maternal Weight Gain According to the Institute of Medicine Recommendations: Birth Weight, Fetal Growth and Postpartum Weight Retention. *American Journal of Obstetrics and Gynecology* (2009);201(4):339.e1-14. PMID:19788965
7. Schisterman EF, Vexler A, **Mumford SL**, Perkins NJ. Hybrid Pooled-Unpooled Design for Cost-Efficient Measurement of Biomarkers. *Statistics in Medicine* (2010);29(5):597-613. PMCID: PMC2821989
8. 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. PMCID: PMC2875955

9. Whitcomb BW, Bodach SD, **Mumford SL**, Perkins NJ, Trevisan M, Wactawski-Wende J, Liu A, Schisterman EF. Ovarian function and cigarette smoking. *Paediatric and Perinatal Epidemiology* (2010);24(5):433-40. PMID: PMC2945213
10. Schisterman EF, Gaskins AJ, **Mumford SL**, Browne RW, Yeung E, Trevisan M, Hediger M, Zhang C, Perkins NJ, Hovey KM, Wactawski-Wende J; BioCycle Study Group. Influence of endogenous reproductive hormones on F2-isoprostane levels in premenopausal women: the BioCycle Study. *American Journal of Epidemiology* (2010);172(4):430-9. PMID: PMC2950793
11. **Mumford SL**, Schisterman EF, Siega-Riz AM, Browne RW, Gaskins AJ, Trevisan M, Steiner AZ, Daniels JL, Zhang C, Perkins NJ, Wactawski-Wende J. A longitudinal study of serum lipoproteins in relation to endogenous reproductive hormones during the menstrual cycle: findings from the BioCycle study. *Journal of Clinical Endocrinology and Metabolism* (2010);95(9):E80-5. PMID: PMC2936053
12. Zhang X, **Mumford SL**, Cnattingius S, Schisterman EF, Kramer MS. Reduced birthweight in short or primiparous mothers: physiological or pathological? *British Journal of Obstetrics and Gynecology* (2010);117(10):1248-54. PMID: PMC3071625
13. ¹Gaskins AJ, **Mumford SL**, Rovner AJ, Zhang C, Chen L, Wactawski-Wende, Perkins NJ, Schisterman EF; BioCycle Study Group. 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: PMC2924598
14. Yeung E, Zhang C, **Mumford SL**, Ye A, Trevisan M, Chen L, Browne RW, Wactawski-Wende J, Schisterman EF. Longitudinal study of insulin resistance and sex hormones over the menstrual cycle: The BioCycle Study. *Journal of Clinical Endocrinology and Metabolism* (2010);95(12):5435-42. PMID: PMC2999972
15. ¹Gaskins AJ, Rovner AJ, **Mumford SL**, Yeung E, Browne RW, Trevisan M, Perkins NJ, Wactawski-Wende J, Schisterman EF; BioCycle Study Group. Adherence to a Mediterranean Diet and Plasma Concentrations of Lipid Peroxidation in Premenopausal Women. *American Journal of Clinical Nutrition* (2010);92(6):1461-7. PMID: PMC2980970
16. **Mumford SL**, Schisterman EF, Siega-Riz AM, Gaskins AJ, Wactawski-Wende J, VanderWeele TJ. Effect of dietary fiber intake on lipoprotein cholesterol levels independent of estradiol in healthy premenopausal women. *American Journal of Epidemiology* (2011);173(2):145-56. With discussion. PMID: PMC3290909
17. **Mumford SL**, Schisterman EF, Siega-Riz AM, Gaskins AJ, Steiner AZ, Daniels JL, Olshan AF, Hediger ML, Hovey KM, Wactawski-Wende J, Trevisan M, Bloom MS. Cholesterol, endocrine and metabolic disturbances in sporadic anovulatory women with regular menstruation. *Human Reproduction* (2011);26(2):423-30. PMID: PMC3024896
18. Gollenberg AL, **Mumford SL**, Cooney MA, Sundaram R, Louis GM. Validity of retrospectively reported behaviors during the periconception window. *Journal of Reproductive Medicine* (2011);56(3-4):130-7. PMID:21542530
19. **Mumford SL**, Dasharathy S, Pollack AZ, Schisterman EF. Variations in lipid levels according to menstrual cycle phase: Clinical implications. *Clinical Lipidology* (2011);6(2):225-34. PMID: PMC3130301
20. Chen L, Zhang C, Yeung E, Ye A, **Mumford SL**, Wactawski-Wende J, Schisterman EF. Age at Menarche and Metabolic Markers for Type 2 Diabetes in Premenopausal Women: The BioCycle Study. *Journal of Clinical Endocrinology and Metabolism* (2011);96(6):E1007-12. PMID: PMC3100755

21. Browne HN, Moon KS, **Mumford SL**, Schisterman EF, Decherney AH, Segars JH, Armstrong AY. Is anti-Müllerian hormone a marker of acute cyclophosphamide-induced ovarian follicular destruction in mice pretreated with cetrorelix? *Fertility and Sterility* (2011);96(1):180-6.e2. PMID: PMC3129384
22. **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. Student Prize Paper Award from the Society for Pediatric and Perinatal Epidemiologic Research. PMID: PMC4059763
23. Pollack AZ, Schisterman EF, Goldman LR, **Mumford SL**, Albert PS, Jones RL, Wactawski-Wende J. Cadmium, lead, and mercury in relation to reproductive hormones and anovulation in premenopausal women. *Environmental Health Perspectives* (2011);119(8):1156-61. PMID: PMC3237358
24. Roy A, Danaher M, **Mumford SL**, Chen Z. A Bayesian Order-Restricted Model for Hormonal Dynamics During Menstrual Cycles of Healthy Women. *Statistics in Medicine*. (2012);31(22):2428-40. PMID:22147446
25. ¹Gaskins AJ, **Mumford SL**, Wactawski-Wende J, Schisterman EF. Effect of Daily Fiber Intake on Luteinizing Hormone Levels in Reproductive-Aged Women. *European Journal of Nutrition* (2012);51(2):249-53. PMID: PMC4025915
26. Schildcrout JS, **Mumford SL**, Chen Z, Heagerty PJ, Rathouz PJ. Outcome-Dependent Sampling for Longitudinal Binary Response Data Based on a Time-Varying Auxiliary Biomarker. *Statistics in Medicine* (2012);31(22):2441-56. PMID: PMC3432177
27. Zhang B, Shen X, **Mumford SL**. Generalized Degrees of Freedom and Adaptive Model Selection in Linear Mixed-Effects Models. *Computational Statistics and Data Analysis* (2012);56(3):574-86. PMID: PMC3214646
28. Schliep KC, Schisterman EF, **Mumford SL**, Pollack AZ, Zhang C, Ye A, Stanford JB, Hammoud AO, Porucznik CA, Wactawski-Wende J. Caffeinated beverage intake and reproductive hormones among premenopausal women in the BioCycle Study. *American Journal of Clinical Nutrition* (2012);95(2):488-97. PMID: PMC3260075
29. VanderWeele TJ, **Mumford SL**, Schisterman EF. Conditioning on Intermediates in Perinatal Epidemiology. *Epidemiology* (2012);23(1):1-9. With discussion. PMID: PMC3240847
30. ¹Dasharathy SS, **Mumford SL**, Pollack AZ, Perkins NJ, Mattison DR, Wactawski-Wende J, Schisterman EF. Menstrual bleeding patterns among regularly menstruating women. *American Journal of Epidemiology* (2012);175(6):536-45. PMID: PMC3299419
31. Pollack AZ, Schisterman EF, Goldman LR, **Mumford SL**, Perkins NJ, Bloom MS, Rudra CB, Browne RW, Wactawski-Wende J. Relation of blood cadmium, lead, and mercury levels to biomarkers of lipid peroxidation in premenopausal women. *American Journal of Epidemiology* (2012);175(7):645-52. PMID: PMC3324434
32. ¹Gaskins AJ, Wilchesky M, **Mumford SL**, Whitcomb BW, Browne RW, Wactawski-Wende J, Perkins NJ, Schisterman EF. Endogenous reproductive hormones and C-reactive protein across the menstrual cycle: the BioCycle Study. *American Journal of Epidemiology* (2012);175(5):423-31. PMID: PMC3282877
33. Yeung EH, Zhang C, Albert PS, **Mumford SL**, Ye A, Perkins NJ, Wactawski-Wende J, Schisterman EF. Adiposity and sex hormones across the menstrual cycle: the BioCycle Study. *International Journal of Obesity* (2013);37(2):237-43. PMID: PMC3361001

34. Pollack AZ, Perkins NJ, **Mumford SL**, Schisterman EF. Correlated Biomarker Measurement Error: An Important Threat to Inference in Environmental Epidemiology. *American Journal of Epidemiology*. 2013;177(1):84-92. PMID: PMC3590042
35. Schliep KC, Schisterman EF, **Mumford SL**, Perkins NJ, Ye A, Pollack AZ, Zhang C, Porucznik CA, VanDerslice JA, Stanford JB, Wactawski-Wende J. Validation of Different Instruments for Caffeine Measurement Among Premenopausal Women in the BioCycle Study. *American Journal of Epidemiology* (2013);177(7):690-9. PMID: PMC3657531
36. Pollack AZ, **Mumford SL**, Wactawski-Wende J, Yeung E, Mendola P, Mattison D, Schisterman EF. Bone mineral density and blood metals in premenopausal women. *Environmental Research*. 2013;120:76-81. PMID: PMC3534953
37. **Mumford SL**, Steiner AZ, Pollack AZ, Perkins NJ, Filiberto AC, Albert PS, Mattison DR, Wactawski-Wende J, Schisterman EF. The utility of menstrual cycle length as an indicator of cumulative hormonal exposure. *Journal of Clinical Endocrinology and Metabolism*. 2012;97(10):E1871-9. PMID: PMC3674299
38. Blondin S, Yeung EH, **Mumford SL**, Zhang C, Browne RW, Wactawski-Wende J, Schisterman EF. Serum retinol and carotenoids in association with biomarkers of insulin resistance among premenopausal women. *ISRN Nutrition* (2013);2013:619516. PMID: PMC3737585
39. ¹Gaskins AJ, **Mumford SL**, Chavarro J, Zhang C, Pollack AZ, Wactawski-Wende J, Perkins NJ, Schisterman EF. The impact of dietary folate intake on reproductive function in premenopausal women: a prospective cohort study. *PLoS One*. 2012;7(9):e46276. PMID: PMC3458830
40. Boghossian NS, Yeung EH, **Mumford SL**, Zhang C, Gaskins AJ, Wactawski-Wende J, Schisterman EF. Adherence to the Mediterranean diet and body fat distribution in reproductive aged women. *European Journal of Clinical Nutrition*. 2013;67(3):289-94. PMID: PMC3594052
41. Schliep KC, Schisterman EF, **Mumford SL**, Pollack AZ, Perkins NJ, Ye A, Zhang C, Stanford JB, Porucznik CA, Hammoud AO, Wactawski-Wende J. Energy-containing beverages: reproductive hormones and ovarian function in the BioCycle Study. *American Journal of Clinical Nutrition*. 2013;97(3):621-630. PMID: PMC3578404
42. Rink SM, Mendola P, **Mumford SL**, Poudrier JK, Browne RW, Wactawski-Wende J, Perkins NJ, Schisterman EF. Self-report of Fruit and Vegetable Intake that Meets the 5 A Day Recommendation is Associated with Reduced Levels of Oxidative Stress Biomarkers and Increased Levels of Antioxidant Defense in Premenopausal Women. *Journal of the Academy of Nutrition and Dietetics* (2013);113(6):776-85. PMID: PMC3660508
43. **Mumford SL**, Dasharathy SS, Pollack AZ, Perkins NJ, Mattison DR, Cole SR, Wactawski-Wende J, Schisterman EF. Serum uric acid in relation to endogenous reproductive hormones during the menstrual cycle: findings from the BioCycle study. *Human Reproduction* (2013);28(7):1853-62. PMID: PMC3685334
44. ¹Hambridge HL, **Mumford SL**, Mattison DR, Ye A, Pollack AZ, Bloom MS, Mendola P, Lynch KL, Wactawski-Wende J, Schisterman EF. The influence of sporadic anovulation on hormone levels in ovulatory cycles. *Human Reproduction* (2013);28(6):1687-94. PMID: PMC3657125
45. Bowers K, Laughon SK, Kim SD, **Mumford SL**, Brite J, Kiely M, Zhang C. The association between a medical history of depression and gestational diabetes in a large multi-ethnic cohort in the United States. *Paediatric and Perinatal Epidemiology* (2013);27(4):323-8. PMID:23772933

46. ¹Filiberto AC, **Mumford SL**, Pollack AZ, Zhang C, Yeung EH, Perkins NJ, Wactawski-Wende J, Schisterman EF. Habitual dietary isoflavone intake is associated with decreased C-reactive protein concentrations among healthy premenopausal women: The BioCycle Study. *Journal of Nutrition* (2013);143(6):900-6. PMID: PMC3652886
47. Schisterman EF, **Mumford SL**, Sjaarda LA. Failure to consider the menstrual cycle phase may cause misinterpretation of clinical and research findings of cardiometabolic biomarkers in premenopausal women. *Epidemiologic Reviews* (2014);36(1):71-82. PMID: PMC3873842
48. ¹Filiberto AC, **Mumford SL**, Pollack AZ, Zhang C, Yeung EH, Schliep KC, Perkins NJ, Wactawski-Wende J, Schisterman EF. Usual dietary isoflavone intake and reproductive function across the menstrual cycle. *Fertility and Sterility* (2013);100(6):1727-34. PMID: PMC3867935
49. 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 (EAGeR): Design and baseline characteristics. *Paediatric and Perinatal Epidemiology* (2013);27(6):598-609. PMID: PMC3821875
50. ¹Sjaarda LA, Albert PS, **Mumford SL**, Hinkle SN, Mendola P, Laughon SK. Customized large-for-gestational-age birthweight at term and the association with adverse perinatal outcomes. *American Journal of Obstetrics and Gynecology* (2014);210(1):63.e1-63.e11. PMID: PMC3872267
51. Ahrens K, **Mumford SL**, Schliep KC, Kissell KA, Perkins NJ, Wactawski-Wende J, Schisterman EF. Serum leptin levels and reproductive function during the menstrual cycle. *American Journal of Obstetrics and Gynecology* (2014) Mar;210(3):248.e1-9. PMID: PMC3943486
52. Ahrens KA, Vladutiu CJ, **Mumford SL**, Schliep KC, Perkins NJ, Wactawski-Wende J, Schisterman EF. The effect of physical activity across the menstrual cycle on reproductive function. *Annals of Epidemiology* (2014) Feb;24(2):127-34. PMID: PMC3946734
53. **Mumford SL**, Sundaram R, Schisterman EF, Sweeney AM, Barr DB, Pfeiffer CM, Maisog J, Parker D, Louis GM. Higher urinary lignan concentrations in women but not men are positively associated with shorter time to pregnancy. *J Nutr*. 2014 Mar;144(3):352-8. PMID: PMC3927547
54. Schisterman EF, Silver RM, Leshner LL, Faraggi D, Wactawski-Wende J, Townsend JM, Lynch AM, Perkins NJ, **Mumford SL**, Galai N. Preconception Low Dose Aspirin and Pregnancy Outcomes: Findings from the EAGeR Randomized Trial. *Lancet*. 2014 Apr 1. pii: S0140-6736(14)60157-4. doi: 10.1016/S0140-6736(14)60157-4. [Epub ahead of print] PMID:24118062
55. Whitcomb BW, **Mumford SL**, Perkins NJ, Wactawski-Wende J, Bertone-Johnson ER, Lynch KE, Schisterman EF. Urinary cytokine and chemokine profiles across the menstrual cycle in healthy reproductive-aged women. *Fertility and Sterility* (2014);101(5):1383-1391.e2. PMID: PMC4008697
56. ¹Schliep KC, Hammoud AO, **Mumford SL**, Stanford JB, Kissell KA, Sjaarda L, Perkins NJ, Mendola P, Wactawski-Wende J, Schisterman EF. Luteal phase deficiency in regularly menstruating women: prevalence and overlap in identification based on clinical and biochemical diagnostic criteria. *Journal of Clinical Endocrinology and Metabolism (In Press)*. PMID: PMC4037737
57. Schisterman EF, **Mumford SL**, Browne RW, Boyd Barr D, Chen Z, Buck Louis GM. Lipid concentrations and couple fecundity: the LIFE Study. *Journal of Clinical Endocrinology and Metabolism (In Press)*. PMID: 24846535

58. Schisterman EF, **Mumford SL**, Chen Z, Browne RW, Boyd Barr D, Sundaram R, Kim S, Buck Louis GM. Lipid concentrations and semen quality: the LIFE Study. *Andrology* (2014);2(3):408-15. PMID: PMC3999259
59. Pollack AZ, Sjaarda LA, Ahrens KA, **Mumford SL**, Browne RW, Wactawski-Wende J, Schisterman EF. Association of cadmium, lead and mercury with paraoxonase 1 activity in women. *PLOS One* (2014); 9(3):e92152. PMID: PMC3969354
60. Pollack AZ, Ranasinghe S, Sjaarda LA, **Mumford SL**. Cadmium and reproductive health in women: an updated review of the epidemiologic evidence. *Current Environmental Health Reports (In Press)*
61. ¹Sjaarda LA, **Mumford SL**, Kissell K, Schliep KC, Hammoud AO, Perkins NJ, Weck J, Wactawski-Wende J, Schisterman EF. Increased androgen, anti-mullerian hormone and sporadic anovulation in healthy, eumenorrheic women: a mild PCOS-like phenotype? *Journal of Clinical Endocrinology and Metabolism (In Press)*. PMID: PMC4037725
62. Clark NA, **Mumford SL**, Segars JH. Reproductive impact of MRI-guided focused ultrasound surgery for fibroids, a systematic review of the evidence. *Current Opinion in Obstetrics and Gynecology* (2014);26(3):151-61. PMID: PMC
63. Lynch KE, **Mumford SL**, Schliep KC, Whitcomb BW, Zarek SM, Pollack AZ, Bertone-Johnson ER, Danaher M, Wactawski-Wende J, Gaskins AJ, Schisterman EF. Assessment of Anovulation in Eumenorrheic Women: Comparison of Ovulation Detection Algorithms. *Fertility and Sterility (In Press)*. PMID:24875398
64. Yu B, **Mumford SL**, Royster GD, Segars JH, Armstrong A. Cost-effectiveness analysis comparing continuation of ART with conversion to IUI in patients with low follicle numbers. *Fertility and Sterility (In Press)*. PMID:24951366
65. Kissell KA, Danaher MR, Schisterman EF, Wactawski-Wende J, Ahrens KA, Schliep KC, Perkins NJ, Sjaarda L, **Mumford SL**. Biological variability in serum anti-mullerian hormone throughout the menstrual cycle in ovulatory and sporadic anovulatory cycles in eumenorrheic women. PMID:24925522
66. Prasad A, **Mumford SL**, Louis GM, Ahrens KA, Sjaarda LA, Schliep KC, Perkins NJ, Kissell K, Wactawski-Wende J, Schisterman EF. Sexual activity, endogenous reproductive hormones and ovulation in premenopausal women. *Hormones and Behavior (In Press)*. PMID:24954690
67. Danaher M, Roy A, Chen Z, **Mumford SL**, Schisterman EF. Minkowski-Weyl Priors for Models with Parameter Constraints: An Analysis of the BioCycle Study. *JASA (In Press)*.
68. Mendola P, **Mumford SL**, Mannisto TI, Holston A, Reddy UM, Laughon SK. Does preeclampsia have a direct effect on neonatal health not mediated by preterm delivery? *Epidemiology (In Press)*.
69. Pollack AZ, **Mumford SL**, Mendola P, Perkins NJ, Rotman Y, Wactawski-Wende J, Schisterman EF. Kidney and liver biomarkers associated with blood lead, mercury and cadmium in healthy, premenopausal women. *Journal of Toxicology and Environmental Health (In Press)*.
70. **Mumford SL**, Schisterman EF, Cole SR, Westreich D, Platt RW. Time at risk and intention to treat analyses: parallels and implications for inference. *Epidemiology (In Press)*.
71. Wong LF, Schliep KC, Silver RM, **Mumford SL**, Perkins NJ, Ye A, Wactawski-Wende J, Lynch A, Townsend J, Faraggi D, Schisterman EF. The effect of a very short interpregnancy interval and pregnancy outcomes following a previous pregnancy loss. *American Journal of Obstetrics and Gynecology (In Press)*.

72. Prasad A, **Mumford SL**, Schliep KC, Ahrens KA, Sjaarda LA, Perkins NJ, Matyas R, Wactawski-Wende J, Schisterman EF. Depressive symptoms and their relationship with endogenous reproductive hormones and sporadic anovulation in premenopausal women. *Annals of Epidemiology (In Press)*.
73. ¹Schliep KC, **Mumford SL**, Vladutiu CJ, Ahrens KA, Perkins NJ, Sjaarda LA, Kissell KA, Prasad A, Wactawski-Wende J, Schisterman EF. Perceived stress, reproductive hormones, and ovulatory function: a prospective cohort study. *Epidemiology (In Press)*.
74. Heitmann RJ, **Mumford SL**, Hill MJ, Armstrong AY. Estimated impact of the levonorgestrel intrauterine system on unintended pregnancy in active duty women. *Mil Med* (2014);179(10):1127-32.
75. ¹Schliep KC, **Mumford SL**, Ahrens KA, Hotaling JM, Carrell DT, Link M, Hinkle SN, Kissell K, Porucznik CA, Hammoud AO. The effect of male and female body mass index on pregnancy and live birth success after *in vitro* fertilization. *Fertility and Sterility (In Press)*.
76. Prasad A, Schisterman EF, Schliep KC, Ahrens KA, Sjaarda LA, Perkins NJ, Matyas R, Wactawski-Wende J, **Mumford SL**. Depressive symptoms and their relationship with endogenous reproductive hormones and sporadic anovulation in premenopausal women. *Annals of Epidemiology (In Press)*.

¹Mentor of postbaccalaureate or postdoctoral fellow

Submitted Papers

1. **Mumford SL**, Kim S, Chen Z, Gore-Langton R, Barr DB, Buck Louis GM. Persistent Organic Pollutants and Semen Quality: The LIFE Study.
2. Gorczyca AM, Sjaarda LA, Schisterman EF, Mitchell EM, Perkins NJ, Schliep KC, Wactawski-Wende J, **Mumford SL**. Protein intake changes throughout the menstrual cycle in healthy premenopausal women.
3. Schliep KC, Zarek SM, Schisterman EF, Wactawski-Wende J, Trevisan M, Sjaarda LA, Perkins NJ, **Mumford SL**. Alcohol intake, reproductive hormones, and menstrual cycle function: a prospective cohort study.
4. ¹Schliep KC, Chen Z, Stanford J, Xie Y, Varner MW, **Mumford SL**, Buck Louis GM, Peterson M. Endometriosis diagnosis and staging: are surgeons' assessments consistent?
5. Devine K, Egbuniwe M, **Mumford SL**, Armstrong AY. Is Pre-ART Myomectomy Cost-Effective in Women with Intramural (IM) Fibroids?
6. Yang H, Li F, Schisterman EF, **Mumford SL**, Dunson D. Bayesian inference on dependence in multivariate longitudinal data.
7. Alford CE, Csokmay JM, Henne M, **Mumford SL**, Segars JH, Armstrong A. Cost and Efficacy Comparison of *In Vitro* Fertilization (IVF) and Tubal Anastomosis (TA) for Women after Tubal Ligation.
8. Comerford KP, Stewart KI, Banerjee J, **Mumford SL**, Segars JH. Ovarian hyperstimulation syndrome and venous thromboembolism: Is thromboprophylaxis cost effective?
9. Mouhayar Y, **Mumford SL**, Segars JH. Is hysteroscopic polypectomy cost-effective in infertility treatment? A review and cost analysis of the published literature.

10. ¹Schliep KC, **Mumford SL**, Peterson CM, Chen Z, Sharp HT, Johnstone EB, Hammoud AO, Stanford JB, Sun L, Buck Louis GM. Relating pelvic pain typology and location to incident endometriosis: the ENDO Study.
11. Bishop L, **Mumford SL**, Richard-Davis G, Segars J. The cost of fibroids in the African American population.
12. Westreich DW, Edwards JK, Cole SR, Platt RW, **Mumford SL**, Schisterman EF. Imputation approaches for potential outcomes in causal inference.
13. Shimony MK, Schliep KC, Schisterman EF, Ahrens K, Sjaarda LA, Rotman Y, Perkins NJ, Pollack AZ, Wactawski-Wende J, **Mumford SL**. The relationship between added sugar consumption and liver enzymes among healthy premenopausal women: a prospective cohort study.
14. Kissell KA, Danaher MR, Schisterman EF, Wactawski-Wende J, Ahrens KA, Schliep KC, Perkins NJ, Sjaarda LA, Weck J, **Mumford SL**. The triad of serum follicle stimulating hormone, anti-mullerian hormone, and follicular phase length among healthy, regularly menstruating, reproductive aged women.
15. Silver RM, Ahrens K, Wong LF, Perkins NJ, Galai N, Leshner LL, Faraggi D, Wactawski-Wende J, Townsend JM, Lynch AM, **Mumford SL**, Sjaarda L, Schisterman EF. Preconception low dose aspirin and preterm birth: Findings from the EAGeR (Effects of Aspirin in Gestation and Reproduction) Randomized Trial.
16. Kissell KA, Schisterman EF, Weck J, Danaher MR, Hwang BS, Chen Z, Wactawski-Wende J, Perkins NJ, Sjaarda LA, Zarek SM, **Mumford SL**. History of pregnancy and adverse pregnancy outcomes in relation to serum anti-mullerian hormone levels.
17. Pacis MM, Zarek SM, Fortin CN, Segars JH, **Mumford SL**. Vitamin D and Assisted Reproduction: Should Vitamin D Be Routinely Screened and Repleted Prior to ART? A Systematic Review.
18. Schisterman EF, **Mumford SL**, Schliep KC, Sjaarda LA, Stanford J, Leshner L, Wactawski-Wende J, Lynch AM, Townsend J, Perkins NJ, Zarek S, Tsai M, Chen Z, Faraggi D, Galai N, Silver RM. Preconception low dose aspirin and time to pregnancy: Findings from the EAGeR (Effects of Aspirin in Gestation and Reproduction) randomized trial.
19. Schliep KC, **Mumford SL**, Johnstone E, Backonja U, Chen Z, Sharp HT, Stanford J, Peterson CM, Buck Louis GM. Sexual and Physical Abuse and Endometriosis: Findings from the ENDO Study.
20. Leshner LL, Matyas RA, Newman SL, Silver RM, Galai N, Hovey KM, Wactawski-Wende J, Emerick L, Lynch AM, Mead B, townsend JM, Perkins NJ, **Mumford SL**, Stanford J, Schisterman EF. Recruitment for longitudinal pregnancy randomized trials initiated preconception: lessons learned from the EAGeR trial.

¹Primary mentor of postbaccalaureate or postdoctoral fellow

Invited Commentaries

Mumford SL, Schisterman EF, VanderWeele TJ. Mumford et al. Respond to "Dietary Fiber, Estradiol, and Cholesterol". *American Journal of Epidemiology*. (2011) 173 (2): 160-161.

VanderWeele TJ, **Mumford SL**, Schisterman EF. Rejoinder: Choosing Effect Measures: "If I Only Had A..." *Epidemiology* (2012);23(1):13-4.

Mumford SL, Michels KA, Salaria N, Valanzasca P, Belizán JM. Preconception care: It's never too early. *Reproductive Health*. (2014, in press).

Letter to the Editor

1. **Mumford SL**, Hasan R. Re: “Predictors of the Timing of Natural Menopause in the Multiethnic Cohort Study.” *American Journal of Epidemiology* (2008);168(9):1091.

Book Chapter

1. **Mumford SL**, Schliep KC, Prasad A, Schisterman EF. The menstrual cycle and lipid levels. In: *Diet and Nutrition in the Menstrual Cycle, Conception and Fertility*. Wageningen Academic Publishers, King’s College London.

Presentations

1. Norton M, Tschanz J, Corcoran C, **Mumford SL**, Welsh-Bohmer K, Breitner J. Apolipoprotein E4 interacts with mild cognitive deficit to shorten time to dementia onset. Poster presentation at the 8th International Conference on Alzheimer’s Disease and Related Disorders, July 2002. Stockholm, Sweden.
2. **Mumford SL**, Fried L, Gerber M, Harney K. “PAVE”ing the way to safety from domestic violence: First steps in the implementation of computerized screening. Poster presentation at the 134th Annual Meeting of the American Public Health Association, November 2006. Boston, MA.
3. Schisterman EF, **Mumford SL**, Vexler A. An optimal cost-efficient design that accounts for measurement error: pooled—unpooled design. Poster presentation at the 40th Annual Meeting of the Society for Epidemiologic Research, June 2007. Boston, MA.
4. **Mumford SL**, Siega-Riz AM, Herring A, Evenson K. Dietary Restraint and Gestational Weight Gain. Poster presentation at the 20th Annual Meeting of the Society for Pediatric and Perinatal Epidemiologic Research, June 2007. Boston, MA.
5. **Mumford SL**, Schisterman EF, Whitcomb BW, Wu A, Wactawski-Wende J, Trevisan M, Browne RW, Hovey KM. Effects of Lipids on Menstrual and Ovarian Cycle Function. Poster presentation at the 21st Annual Meeting of the Society for Pediatric and Perinatal Epidemiologic Research, June 2008. Chicago, IL.
6. Gollenberg AL, Cooney M, **Mumford SL**, Buck Louis GM, Sundaram R. Validity of long term recall of lifestyle behaviors while trying to conceive: a comparison of prospective and retrospective reporting. Poster presentation at the 22nd Annual Meeting of the Society for Pediatric and Perinatal Epidemiologic Research, June 2009. Anaheim, CA.
7. Schisterman EF, Perkins NJ, **Mumford SL**, Roy A, Gaskins AJ, Ye A. What to do about collinearity. Poster presentation at the 42nd Annual Meeting of the Society for Epidemiologic Research, June 2009. Anaheim, CA.
8. ¹Gaskins AJ, **Mumford SL**, Schisterman EF, Wactawski-Wende J, Zhang C, Hovey KM, Howards PP, Perkins, NJ, Yeung E, Whitcomb BW. Impact of daily fiber intake on reproductive function: The BioCycle Study. Poster presentation at the 22nd Annual Meeting of the Society for Pediatric and Perinatal Epidemiologic Research, June 2009. Anaheim, CA.
9. Yeung E, Zhang C, Chen L, **Mumford SL**, Perkins NJ, Wactawski-Wende, Schisterman EF. Associations of sex hormones and sex hormone-binding globulin levels with insulin sensitivity in young women: BioCycle

Study. Poster presentation at the 22nd Annual Meeting of the Society for Pediatric and Perinatal Epidemiologic Research, June 2009. Anaheim, CA.

10. Gollenberg AL, Hediger M, **Mumford SL**, Whitcomb BW, Hovey KM, Wactawski-Wende J, Schisterman EF. Perceived stress and severity of perimenstrual symptoms: The BioCycle Study. Oral presentation at the 22nd Annual Meeting of the Society for Pediatric and Perinatal Epidemiologic Research, June 2009. Anaheim, CA.
11. **Mumford SL**, Schisterman EF, Gaskins AJ, Perkins NJ, Ye A. Non-perfect follow-up leads to perfect data: the BioCycle study. Poster presentation at the 22nd Annual Meeting of the Society for Pediatric and Perinatal Epidemiologic Research, June 2009. Anaheim, CA.
12. **Mumford SL**, Gaskins AJ, Perkins NJ, Wactawski-Wende J, Trevisan M, Browne RW, Hovey KM, Schisterman EF. Baseline lipoprotein levels, reproductive hormones and anovulation: the BioCycle study. Poster presentation at the 22nd Annual Meeting of the Society for Pediatric and Perinatal Epidemiologic Research, June 2009. Anaheim, CA.
13. **Mumford SL**, Schisterman EF, Siega-Riz AM, Gaskins AJ, Steiner AZ, Zhang C, Perkins NJ, Trevisan M, Browne RW, Wactawski-Wende J. A longitudinal study of serum lipoproteins in relation to endogenous reproductive hormones during the menstrual cycle: findings from the BioCycle Study. Poster presentation at the Joint Conference – 50th Cardiovascular Disease Epidemiology and Prevention and Nutrition, Physical Activity, and Metabolism, March 2010. San Francisco, CA.
14. Schisterman EF, **Mumford SL**, Vexler A, Perkins NJ. Hybrid pooled-unpooled design for cost-efficient measurement of biomarkers. Poster presentation at the Annual Meeting of the Eastern North American Region (ENAR) of the International Biometric Society Spring Meeting, March 2010. New Orleans, LA.
15. Yeung E, Zhang C, Albert P, Ye A, **Mumford SL**, Hediger ML, Wactawski-Wende J, Schisterman EF. Influence of obesity on menstrual cycle patterns of sex hormones. Oral presentation at the 23rd Annual Meeting of the Society for Pediatric & Perinatal Epidemiologic Research, June 2010. Seattle, WA.
16. Schliep K, **Mumford SL**, Gaskins AJ, Gollenberg A, Pollack AZ, Zhang C, Albert P, Wactawski-Wende J, Schisterman EF. Effect of caffeine and associated beverages on reproductive hormones and ovulatory function in the BioCycle Study. Poster presentation at the 23rd Annual Meeting of the Society for Pediatric & Perinatal Epidemiologic Research, June 2010. Seattle, WA.
17. Schisterman EF, Gaskins AJ, **Mumford SL**, Browne RW, Perkins NJ, Trevisan M, Wactawski-Wende J. The influence of serum vitamins on endogenous reproductive hormones across the menstrual cycle: the BioCycle study. Poster presentation at the 23rd Annual Meeting of the Society for Pediatric & Perinatal Epidemiologic Research, June 2010. Seattle, WA.
18. **Mumford SL**, Schisterman EF, Gaskins AJ, Pollack AZ, Perkins NJ, Wactawski-Wende J. Menstrual cycle length: It's a survivor. Poster presentation at the 23rd Annual Meeting of the Society for Pediatric & Perinatal Epidemiologic Research, June 2010. Seattle, WA.
19. Lynch KE, Whitcomb BW, **Mumford SL**, Gaskins AJ, Wactawski-Wende J, Schisterman EF. Chronic alcohol consumption and reproductive hormones. Oral presentation at the 23rd Annual Meeting of the Society for Pediatric & Perinatal Epidemiologic Research, June 2010. Seattle, WA.
20. ¹Gaskins AJ, Wilchesky M, **Mumford SL**, Perkins NJ, Wactawski-Wende J, Schisterman EF. The influence of endogenous estrogen on high sensitivity C-reactive protein concentrations across the menstrual cycle: the BioCycle Study. Oral presentation at the 23rd Annual Meeting of the Society for Pediatric & Perinatal Epidemiologic Research, June 2010. Seattle, WA.

21. ¹Gaskins AJ, **Mumford SL**, Rovner A, Zhang C, Perkins NJ, Hovey KM, Ye A, Wactawski-Wende J, Schisterman EF. The protective effect of whole grains on high sensitivity C-reactive protein concentrations in healthy premenopausal women: The BioCycle Study. Poster presentation at the 23rd Annual Meeting of the Society for Pediatric & Perinatal Epidemiologic Research, June 2010. Seattle, WA.
22. **Mumford SL**, Schisterman EF, Siega-Riz AM, Gaskins AJ, VanderWeele TJ. Direct effects of dietary fiber intake on lipoprotein cholesterol levels in premenopausal women. Poster presentation at the 43rd Annual Meeting of the Society for Epidemiologic Research, June 2010. Seattle, WA.
23. ¹Gaskins AJ, Rovner AJ, **Mumford SL**, Yeung EH, Wactawski-Wende J, Trevisan M, Perkins NJ, Schisterman EF. The Impact of a Mediterranean Diet on Oxidative Stress in Young Women: The BioCycle Study. Poster presentation at the 43rd Annual Meeting of the Society for Epidemiologic Research, June 2010. Seattle, WA.
24. Chen L, Zhang C, Yeung E, Ye A, Hediger ML, **Mumford SL**, Wactawski-Wende J, Schisterman EF. Early age at menarche is associated with risk factors of type 2 diabetes among premenopausal women. Poster presentation at the 43rd Annual Meeting of the Society for Epidemiologic Research, June 2010. Seattle, WA.
25. Perkins NJ, Whitcomb BW, Schisterman EF, **Mumford SL**. Flexible, efficient biomarker assay calibration designs. Poster presentation at the 43rd Annual Meeting of the Society for Epidemiologic Research, June 2010. Seattle, WA.
26. Moon KS, Zhou Y, **Mumford SL**, Segars JH, Armstrong AY. Serum Anti-Mullerian Hormone Levels Do Not Correlate with Cyclophosphamide-Induced Primordial Follicular Destruction in Mice Pretreated with Cetrorelix. Poster presentation at the Annual Meeting of the American Society for Reproductive Medicine, October 2010. Denver, CO.
27. Alford C, Csokmay J, Henne M, **Mumford SL**, Segars J, Armstrong A. Cost analysis comparing bilateral tubal anastomosis and in vitro fertilization. Oral presentation at the Annual Meeting of the American Society for Reproductive Medicine, October 2010. Denver, CO.
28. 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 Meeting of the American Epidemiological Society, March 2011. Atlanta, GA.
29. 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. Poster presentation at the Annual Meeting of the Society for Epidemiologic Research, June 2011. Montreal, CA.
30. ¹Dasharathy SS, **Mumford SL**, Pollack AZ, Whitcomb BW, Perkins NJ, Mattison D, Wactawski-Wende J, Schisterman EF. Menstrual bleeding patterns among regularly menstruating women. Poster presentation at the 24th Annual Meeting of the Society for Pediatric & Perinatal Epidemiologic Research, June 2011. Montreal, CA.
31. ¹Gaskins AJ, **Mumford SL**, Chavarro J, Zhang C, Pollack AZ, Wactawski-Wende J, Perkins NJ, Schisterman E. The Impact of Dietary Folate Intake on Reproductive Function in Premenopausal Women: The BioCycle Study. Oral presentation at the 24th Annual Meeting of the Society for Pediatric & Perinatal Epidemiologic Research, June 2011. Montreal, CA.
32. Lynch KE, Whitcomb BW, **Mumford SL**, Bertone-Johnson ER, Gaskins AJ, Pollack AZ, Wactawski-Wende J, Schisterman EF. Comparison of methods for identifying anovulatory menstrual cycles: implications for prevalence and effect estimates. Poster presentation at the 24th Annual Meeting of the Society for Pediatric & Perinatal Epidemiologic Research, June 2011. Montreal, CA.

33. **Mumford SL**, Schisterman EF, Dasharathy SS, Pollack AZ, Gaskins AJ, Lynch KE, Zhang C, Chavarro J, Perkins NJ, Wactawski-Wende J. Dietary fatty acids and ovulation among healthy premenopausal women. Poster presentation at the 24th Annual Meeting of the Society for Pediatric & Perinatal Epidemiologic Research, June 2011. Montreal, CA.
34. Pollack AZ, Perkins NJ, **Mumford SL**, Schisterman EF. Correlated biomarker measurement error is an important threat to inference in environmental epidemiology. Poster presentation at the Annual Meeting of the Society for Epidemiologic Research, June 2011. Montreal, CA.
35. Schliep KC, **Mumford SL**, Pollack AZ, Perkins NJ, Zhang C, Porucznik CA, VanDerslice J, Wactawski-Wende J, Schisterman EF. Self-reported intake of caffeine: comparing measurement tools in the BioCycle Study. Poster presentation at the 24th Annual Meeting of the Society for Pediatric & Perinatal Epidemiologic Research, June 2011. Montreal, CA.
36. Danaher M, Roy A, Chen Z, **Mumford SL**, Schisterman EF. Minkowski-Weyl Priors for Models with Parameter Constraints: An Analysis of the BioCycle Study. Oral presentation at the Joint Statistical Meeting 2011. Miami, FL.
37. **Mumford SL**, Schisterman EF, Dasharathy SS, Pollack AZ, Zhang C, Wactawski-Wende J. Omega-3 Fatty Acids and Ovulatory Function. Selected for oral presentation at the American Society for Reproductive Medicine Annual Meeting, October 2011. Orlando, FL.
38. Yu B, **Mumford SL**, Segars JH, Armstrong A. Cost-effectiveness analysis comparing continuation of ART with conversion to IUI in patients with low follicle numbers. Selected for oral presentation at the American Society for Reproductive Medicine Annual Meeting, October 2011. Orlando, FL.
39. Boghossian NS, Yeung EH, **Mumford SL**, Zhang C, Wactawski-Wend J, Schisterman EF. Adherence to the Mediterranean diet and body fat in premenopausal women: the BioCycle Study. Poster presentation at the 25th Annual Meeting of the Society for Pediatric & Perinatal Epidemiologic Research, June 2012. Minneapolis, MN.
40. ¹Filiberto AC, **Mumford SL**, Wactawski-Wende J, Zhang C, Yeung EH, Gaskins AJ, Schliep KC, Schisterman EF. Impact of usual dietary isoflavone intake on reproductive function: The BioCycle Study. Poster presentation at the 25th Annual Meeting of the Society for Pediatric & Perinatal Epidemiologic Research, June 2012. Minneapolis, MN.
41. Mendola P, **Mumford SL**, Pollack A, Ye A, Vinikoor-Imler L, Messer LC, Wactawski-Wende J, Schisterman EF. Night and rotating shift work in relation to hormones across the menstrual cycle: The BioCycle Study. Oral presentation at the 25th Annual Meeting of the Society for Pediatric & Perinatal Epidemiologic Research, June 2012. Minneapolis, MN.
42. **Mumford SL**, Steiner AZ, Pollack AZ, Perkins NJ, Filiberto AC, Albert PS, Mattison DR, Wactawski-Wende J, Schisterman EF. Menstrual cycle length: a window for understanding the hormonal exposome. Poster presentation at the 25th Annual Meeting of the Society for Pediatric & Perinatal Epidemiologic Research, June 2012. Minneapolis, MN.
43. ¹Filiberto AC, **Mumford SL**, Wactawski-Wende J, Schisterman EF. The influence of usual dietary isoflavone intake on high sensitivity C-reactive protein concentrations across the menstrual cycle: the BioCycle Study. Poster presentation at the Annual Meeting of the Society for Epidemiologic Research, June 2012. Minneapolis, MN.

44. Pollack AZ, **Mumford SL**, Perkins NJ, Wactawski-Wende J, Schisterman EF. Blood metals associated with kidney and liver biomarkers in healthy, premenopausal women. Poster presentation at the Annual Meeting of the Society for Epidemiologic Research, June 2012. Minneapolis, MN.
45. Mendola P, **Mumford SL**, Pollack AZ, Messer LC, Wactawski-Wende J, Schisterman EF. Sleep impacts hormone levels among healthy premenopausal night-shift workers in the BioCycle Study. Poster presentation at the Annual Meeting of the International Society for Environmental Epidemiology, August 2012. Columbia, SC.
46. Devine K, **Mumford SL**, Hodes-Wertz B, Drunkenmiller S, Propst A, Noyes N. Baby budgeting: A cost-effectiveness analysis of live birth outcome for women delaying reproduction. Oral presentation at the American Society for Reproductive Medicine, October 2012. San Diego, CA.
47. Devine, K, **Mumford SL**, Segars J, Armstrong A. Is pre-ART hysteroscopic myomectomy cost-effective in women with submucous fibroids seeking ART? Poster presentation at the American Society for Reproductive Medicine, October 2012. San Diego, CA.
48. Kulak D, **Mumford SL**, Plowden TD, Broomfield, DP, Armstrong A. Salpingectomy is cost effective when the post surgical pregnancy rate is twice the pregnancy rate of patients with hydrosalpinges: A decision tree mathematical model with sensitivity analysis. Poster presentation at the American Society for Reproductive Medicine, October 2012. San Diego, CA.
49. Hammoud AO, Schliep KC, **Mumford SL**, Stanford JB, Porucznik CA, Schisterman EF. Luteal phase deficiency in the BioCycle Study. Oral presentation at the American Society for Reproductive Medicine, October 2012. San Diego, CA.
50. Schisterman EF, Silver RM, Leshner L, Faraggi D, Wactawski-Wende J, Townsend J, Lynch AM, Perkins NJ, **Mumford SL**, Galai N. Randomized Clinical Trial of Preconception Low Dose Aspirin Use to Improve Pregnancy Outcomes: EAGeR (Effects of Aspirin in Gestation and Reproduction) Trial Findings. Oral presentation at the Society for Maternal and Fetal Medicine, February 2013. San Francisco, CA.
51. ¹Schliep KC, **Mumford SL**, Vladutiu CJ, Ahrens KA, Prasad A, Perkins N, Wactawski-Wende J, Schisterman EF. The effect of perceived stress on reproductive function. Oral presentation at the Society for Pediatric and Perinatal Epidemiologic Research, June 2013. Boston, MA.
52. ¹Schliep KC, Hammoud AO, **Mumford SL**, Stanford JB, Porucznik CA, Kissell KA, Wactawski Wende J, Schisterman EF. Indicators of luteal phase deficiency among healthy premenopausal women. Poster presentation at the Society for Pediatric and Perinatal Epidemiologic Research, June 2013. Boston, MA.
53. ¹Schliep KC, Chen Z, Stanford JB, Xie Y, **Mumford SL**, Buck Louis GM, Peterson CM. Endometriosis diagnosis and staging: are surgeons' assessments consistent? Poster presentation at the Society for Pediatric and Perinatal Epidemiologic Research, June 2013. Boston, MA.
54. ¹Schliep KC, **Mumford SL**, Link M, Carrell DT, Hammoud AO. The effect of paternal obesity on in vitro fertilization outcomes. Poster presentation at the Society for Pediatric and Perinatal Epidemiologic Research, June 2013. Boston, MA.
55. ¹Prasad A, **Mumford SL**, Buck-Louis GM, Ahrens KA, Sjaarda LA, Schliep KC, Perkins NJ, Kissell K, Wactawski Wende J, Schisterman EF. Sexual activity and its effect on endogenous reproductive hormones and ovulation. Poster presentation at the Society for Pediatric and Perinatal Epidemiologic Research, June 2013. Boston, MA.

56. Ahrens KA, Vladutiu CJ, **Mumford SL**, Wactawski-Wende J, Schisterman EF. The effect of time-varying physical activity on reproductive hormones and the risk of sporadic anovulation. Poster presentation at the Society for Pediatric and Perinatal Epidemiologic Research, June 2013. Boston, MA.
57. Ahrens KA, **Mumford SL**, Schliep KC, Kissel KA, Perkins NJ, Wactawski-Wende J, Schisterman EF. The effect of serum leptin levels on reproductive hormones and the risk of sporadic anovulation. Poster presentation at the Society for Pediatric and Perinatal Epidemiologic Research, June 2013. Boston, MA.
58. ¹Kissell KA, Danaher M, Schisterman EF, Perkins NJ, Schliep KC, Ahrens KA, Sjaarda LA, Wactawski-Wende J, **Mumford SL**. Serum Anti-Müllerian Hormone Variation Throughout the Menstrual Cycle in Healthy Regularly Menstruating Young Women. Oral presentation at the Endocrine Society, June 2013. Boston, MA.
59. ¹Kissell KA, Danaher M, Schisterman EF, Perkins NJ, Schliep KC, Ahrens KA, Sjaarda LA, Wactawski-Wende J, **Mumford SL**. The Impact of Serum anti-Müllerian Hormone on Follicular Phase Length in Premenopausal Women Regardless of Age. Poster presentation at the Society for Epidemiologic Research, June 2013. Boston, MA.
60. Pollack AZ, Sjaarda LA, Ahrens KA, **Mumford SL**, Browne RW, Wactawski-Wende J, Schisterman EF. Cadmium, lead and mercury exposure and paraoxonase 1 (PON1) activity in women. Poster presentation at the Society for Epidemiologic Research, June 2013. Boston, MA.
61. ¹Sjaarda LA, **Mumford SL**, Laughon SK, Kissell K, Wactawski-Wende J, Schisterman EF. Perturbations in testosterone are associated with sporadic anovulation in normally menstruating women. Poster presentation at the Society for Epidemiologic Research, June 2013. Boston, MA.
62. ¹Sjaarda LA, Laughon SK, **Mumford SL**, Hinkle SN, Mendola P, Albert P. Large-for-gestational age birthweight: does customization improve detection of adverse perinatal outcomes? Oral presentation at the Society for Pediatric and Perinatal Epidemiologic Research, June 2013. Boston, MA.
63. Mendola P, **Mumford SL**, Männistö T, Holston A, Reddy U, Laughon SK. Estimating the direct effect of preeclampsia on neonatal outcomes independent of preterm delivery using marginal structural models. Poster presentation at to the Society for Pediatric and Perinatal Epidemiologic Research, June 2013. Boston, MA.
64. **Mumford SL**, Sundaram R, Maisog J, Schisterman EF, Barr D, Sweeney A, Louis GM. Phytoestrogens and couple fecundity: the LIFE study. Poster presentation at to the Society for Pediatric and Perinatal Epidemiologic Research, June 2013. Boston, MA.
65. Schisterman EF, Silver RM, Leshner L, Faraggi D, Wactawski-Wende J, Townsend J, Lynch AM, Perkins NJ, **Mumford SL**, Galai N. Randomized Clinical Trial of Preconception Low Dose Aspirin Use to Improve Pregnancy Outcomes: EAGeR (Effects of Aspirin in Gestation and Reproduction) Trial Findings. Oral presentation at the Society for Pediatric and Perinatal Epidemiologic Research, June 2013. Boston, MA.
66. Schisterman EF, Silver RM, Leshner L, Faraggi D, Wactawski-Wende J, Townsend J, Lynch AM, Perkins NJ, **Mumford SL**, Galai N. Randomized Clinical Trial of Preconception Low Dose Aspirin Use to Improve Pregnancy Outcomes: EAGeR (Effects of Aspirin in Gestation and Reproduction) Trial Findings. Oral presentation at the Society for Epidemiologic Research, June 2013. Boston, MA.
67. Perkins NJ, **Mumford SL**, Schisterman EF. Considerations in pooling biomarker calibration information. Poster presentation at the Society for Epidemiologic Research, June 2013. Boston, MA.
68. Njei B, **Mumford SL**, Ye A, Pollack AZ, Wactawski-Wende J, Schisterman EF, Rotman Y. Fluctuations of Liver Enzymes During the Menstrual Cycle are Modulated by Obesity and Serum Lipids: the BioCycle Study. Poster presentation at the Digestive Diseases Week, May 2013. Orlando, FL.

69. Wong LF, Schliep KC, Schisterman EF, Wactawski-Wende J, Townsend JM, Lynch AM, Galai N, Faraggi D, Perkins NJ, **Mumford SL**, Ye A, Silver RM. The effect of very short interpregnancy interval on pregnancy outcomes after previous pregnancy loss. Poster presentation at the Society for Maternal Fetal Medicine, February 2014. New Orleans, LA.
70. Cedars MI, **Mumford SL**, Steiner AZ, Casson PR, Coutifaris C, Diamond MP, Christmas GM, Schlaff WD, Alvero R, Huang H, Santoro N, Eisenberg E, Legro RS, Zhang H for the NIH/NICHD Reproductive Medicine Network. Impact of AMH on chances for ovulation in Pregnancy in Polycystic Ovary Syndrome II, a Multi-Center Randomized Clinical Trial. Oral presentation to the Endocrine Society, June 2014.
71. **Mumford SL**, Schisterman EF, Cole SR, Westreich D, Platt RW. Immortal Person-Time and Intention to Treat Analysis: Biologic vs. Public Health Effects. Oral presentation at the Society for Epidemiologic Research, June 2014.
72. Ahrens KA, Silver RM, Perkins NJ, Galai N, Leshner LL, Faraggi D, Wactawski-Wende J, Townsend JM, Lynch AM, **Mumford SL**, Schisterman EF. Preconception low dose aspirin and adverse events: findings from the EAGeR (Effects of Aspirin in Gestation and Reproduction) randomized trial. Poster presentation at the Society for Pediatric and Perinatal Epidemiologic Research, June 2014.
73. Pollack AZ, Schisterman EF, Perkins NJ, **Mumford SL**, Kannan K, Mendola P, Wactawski-Wende J. Environmental phenols and reproductive hormones in women. Poster presentation at the Society for Epidemiologic Research, June 2014.
74. ¹Matyas RA, Leshner LL, Newman SL, Silver RM, Galai N, Hovey KM, Wactawski-Wende J, Emerick L, Lynch AM, Mead B, Townsend JM, Perkins NJ, **Mumford SL**, Schisterman ES. Recruitment for longitudinal pregnancy studies initiated preconception: lessons learned from the EAGeR Trial. Poster presentation at the Society for Pediatric and Perinatal Epidemiologic Research, June 2014.
75. ¹Schliep KC, **Mumford SL**, Backonja U, Chen Z, Johnstone EB, Sharp HT, Stanford JB, Kiely M, Peterson CM, Buck Louis GM. Sexual and physical abuse and gynecological disorders: the Endometriosis, Natural History, Diagnosis and Outcomes (ENDO) Study. Poster presentation at the Society for Epidemiologic Research, June 2014.
76. ¹Sjaarda LA, Albert PS, Hinkle SN, **Mumford SL**, Grantz KL. Customized variance for determining customized birthweight percentiles. Poster presentation at the Society for Pediatric and Perinatal Epidemiologic Research, June 2014.
77. ¹Schliep KC, Wong LF, Schisterman EF, Wactawski-Wende J, Townsend JM, Lynch AM, Galai N, Faraggi D, Perkins NJ, **Mumford SL**, Ye A, Silver RM. How long after a miscarriage should women wait before trying to become pregnant again? Oral presentation at the Society for Epidemiologic Research, June 2014.
78. ¹Matyas RA, **Mumford SL**, Schliep KC, Ahrens KA, Sjaarda LA, Perkins NJ, Wactawski-Wende J, Schisterman EF. Effects of over-the-counter analgesic use on reproductive hormones and ovulation. Poster presentation at the Society for Epidemiologic Research, June 2014.
79. ¹Sjaarda LA, **Mumford SL**, Yeung E, Schliep K, Wactawski-Wende J, Schisterman EF. Dietary carbohydrate intake and androgens in normally menstruating women. Poster presentation at the Society for Epidemiologic Research, June 2014.
80. ¹Schliep KC, **Mumford SL**, Vladutiu CJ, Ahrens KA, Perkins NJ, Sjaarda LA, Kissell KA, Prasad A, Wactawski-Wende J, Schisterman EF. Measurement matters: capturing perceived stress relative to reproductive outcomes. Poster presentation at the Society for Pediatric and Perinatal Epidemiologic Research, June 2014.

81. Kissell KA, Schisterman EF, Hwang BS, Chen Z, Perkins NJ, Wactawski-Wende J, **Mumford SL**. History of adverse pregnancy outcomes and maternal serum anti-müllerian hormone levels. Poster presentation at the Endocrine Society, June 2014.
82. Zarek SM, DeCherney AH, Segars JH, Browne RW, Schisterman EF, Perkins NJ, Sjaarda L, Schliep KC, Ahrens K, Wactawski-Wende J, **Mumford SL**. Relationship between luteal phase advanced lipoprotein particles and ovarian hormones in healthy, eumenorrheic women. Poster presentation at the Society for Pediatric and Perinatal Epidemiologic Research, June 2014.
83. Perkins NJ, **Mumford SL**, Schliep KC, Weck J, Schisterman EF. Considerations in pooling and refinement of mass spectrometry calibration. Poster presentation at the Society for Epidemiologic Research, June 2014.
84. Schisterman EF, Schliep KC, Silver RM, Stanford JB, Galai N, Leshner LL, Wactawski-Wende J, Lynch AM, Townsend JM, Perkins NJ, Faraggi D, **Mumford SL**. Randomized clinical trial of preconception low dose aspirin use and pregnancy rate: the EAGeR Trial (2006-2012). Oral presentation at the Society for Pediatric and Perinatal Epidemiologic Research, June 2014.
85. Schisterman EF, Schliep KC, Silver RM, Stanford JB, Galai N, Leshner LL, Wactawski-Wende J, Lynch AM, Townsend JM, Perkins NJ, Faraggi D, **Mumford SL**. Randomized clinical trial of preconception low dose aspirin use and pregnancy rate: the EAGeR Trial (2006-2012). Oral presentation at the Society for Epidemiologic Research, June 2014.
86. **Mumford SL**, Schisterman EF, Leshner L, Faraggi D, Wactawski-Wende J, Townsend J, Lynch AM, Perkins NJ, Galai N, Silver RM. Randomized clinical trial of preconception low dose aspirin use and pregnancy loss: EAGeR (Effects of Aspirin in Gestation and Reproduction) trial. Poster presentation at the Society for Pediatric and Perinatal Epidemiologic Research, June 2014.
87. **Mumford SL**, Kim SD, Chen Z, Barr DB, Schisterman EF, Buck Louis GM. Phytoestrogens and semen quality. Poster presentation at the International Society for Environmental Epidemiology, August 2014, Seattle, WA.
88. Baig-Ward KM, Chu TJ, Keil M, **Mumford SL**, Polk C, Segars JH. Anxiety related phenotypes in A-Kinase Anchoring Protein 13 (AKAP13) mice: a potential model for obsessive-compulsive disorder. Oral presentation at the American Society for Reproductive Medicine, October 2014, Honolulu, HI.
89. **Mumford SL**, Leshner LL, White MV, Perkins NJ, Schisterman EF, Silver RM. Randomized clinical trial of preconception low dose aspirin use and pregnancy loss: Results from the EAGeR trial. Oral presentation at the American Society for Reproductive Medicine, October 2014, Honolulu, HI.
90. Schisterman EF, Zarek SM, Mitchell EM, Galai N, Townsend JM, **Mumford SL**. Association of anti-müllerian hormone (AMH) and live birth: results from the Effects of Aspirin on Gestation and Reproduction (EAGeR) trial. Oral presentation at the American Society for Reproductive Medicine, October 2014, Honolulu, HI.
91. **Mumford SL**, Zarek SM, Mitchell EM, Stanford JB, Wactawski-Wende J, Schisterman EF. Association between anti-müllerian hormone (AMH) and time-to-pregnancy (TTP) among women in the Effects of Aspirin on Gestation and Reproduction (EAGeR) trial. Oral presentation at the American Society for Reproductive Medicine, October 2014, Honolulu, HI.
92. Skora DA, Beall SA, **Mumford SL**, Segars JH. Oocyte maturation failure: defining a clinical syndrome. Poster presentation at the American Society for Reproductive Medicine, October 2014, Honolulu, HI.

93. Zarek SM, Brezina PR, **Mumford SL**, Plowden TC, Coddington CC, Segars JH. Training of reproductive endocrinology and infertility fellows for embryo transfer did not result in a decrement in pregnancy. Poster presentation at the American Society for Reproductive Medicine, October 2014, Honolulu, HI.
94. Zarek SM, **Mumford SL**, Segars JH, Armstrong AY. Cost effective analysis comparing a freeze-all protocol to fresh blastocyst embryo transfer in normal responders. Poster presentation at the American Society for Reproductive Medicine, October 2014, Honolulu, HI.
95. Zarek SM, Schisterman EF, Mitchell EM, Lynch A, Faraggi D, **Mumford SL**. Is anti-müllerian hormone (AMH) associated with preterm birth? Results from the Effects of Aspirin on Gestation and Reproduction (EAGeR) trial. Poster presentation at the American Society for Reproductive Medicine, October 2014, Honolulu, HI.
96. Zarek SM, Schisterman EF, Mitchell EM, Silver RM, Segars JH, **Mumford SL**. Association of anti-müllerian hormone (AMH) and pregnancy loss. Poster presentation at the American Society for Reproductive Medicine, October 2014, Honolulu, HI.
97. Fru KN, Segal T, Cox JM, **Mumford SL**, Sharara FI, Segars JH. Replete vitamin D levels are associated with higher pregnancy rates and increased number of live births in autologous IVF cycles. Poster presentation at the American Society for Reproductive Medicine, October 2014, Honolulu, HI.
98. Segal TR, Zarek SM, **Mumford SL**, Plowden TC, Nieman K, Segars JH, Armstrong AY. Radiographic and histopathologic endometrial characteristics of women undergoing treatment with ulipristal acetate (UPA). Poster presentation at the American Society for Reproductive Medicine, October 2014, Honolulu, HI.
99. Devine K, **Mumford SL**, Hill MJ, Wu M, DeCherney AH, Propst A. Diminished ovarian reserve (DOR) in the US ART population: diagnostic trends among 183,555 cycles from the Society for Assisted Reproductive Technology – Clinical Outcomes Reporting System (SART-CORS). Oral presentation at the American Society for Reproductive Medicine, October 2014, Honolulu, HI.

¹Primary mentor of postbaccalaureate or postdoctoral fellow