

ENRIQUE FABIAN SCHISTERMAN, Ph.D., M.A.

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Current Position: Chief and Senior Investigator, Epidemiology Branch
Division of Intramural Population Health Research
Eunice Kennedy Shriver National Institute of Child Health & Human
Development
National Institutes of Health

Address: 6100 Executive Blvd, Suite 7B03N
Rockville, MD 20852
(301) 435-6893
(301) 402-2084 (Fax)
schistee@mail.nih.gov

Education:

2000 Postdoctoral Fellow, Department of Epidemiology, Harvard School of Public Health
1999 Ph.D., Epidemiology, State University of New York at Buffalo.
1995 M.A., Statistics, State University of New York at Buffalo
1991 B.A., Statistics (Summa Cum Laude), Haifa University

Academic Experience:

Branch Chief – Epidemiology Branch – Division of Intramural Population Health Research, *Eunice Kennedy Shriver* National Institute of Child Health & Human Development, National Institutes of Health, 2010-present

Acting Branch Chief – Biostatistics and Bioinformatics Branch – Division of Epidemiology, Statistics and Prevention Research, *Eunice Kennedy Shriver* National Institute of Child Health & Human Development, National Institutes of Health, 2008-2009

Senior Investigator (tenured) – Division of Epidemiology, Statistics and Prevention Research, *Eunice Kennedy Shriver* National Institute of Child Health & Human Development, National Institutes of Health, 2007-present

Adjunct Professor – Department of Biostatistics, University at Buffalo School of Public Health, 2012-present

Associate – Department of Biostatistics, Johns Hopkins Bloomberg School of Public Health, 2006-present

Adjunct Associate Professor – Department of Epidemiology and Preventive Medicine, University of Maryland, 2005-present

Adjunct Assistant Professor – Department of Epidemiology and Preventive Medicine, University of Maryland, 2003-2005

Tenure Track Investigator – Division of Epidemiology, Statistics and Prevention Research, *Eunice*

Kennedy Shriver National Institute of Child Health & Human Development, National Institutes of Health, 2002-2007

Assistant Professor of Biostatistics in Residence – Department of Biostatistics, UCLA School of Public Health, 2000-2002

Research Scientist II – Department of Artificial Intelligence Medicine and Nuclear Cardiology, Cedars Sinai Medical Center, 2000-2002

Research Scientist I – Epidemiology and Biostatistics, Roswell Park Cancer Institute, State University of New York at Buffalo, 1998-1999

Research Assistant – Department of Social and Preventive Medicine, State University of New York at Buffalo, 1995-1999

Teaching Experience:

Faculty – Universidad de Chile Summer Institute, Advanced Epidemiological Methods, Santiago de Chile, Chile, January 2008-2016

Faculty – Johns Hopkins Bloomberg School of Public Health, Statistical Reasoning in Public Health I-II, Montgomery Campus, 2006-2008

Planning committee and founding faculty – Methods in reproductive and perinatal epidemiology, NICHD-IHDCYH Summer Institute, 2004-2012

Assistant professor in residency – Logistic regression for doctoral students, Department of Biostatistics, UCLA School of Public Health, Winter 2001

Teaching assistant – Intermediate epidemiological methods, Department of Epidemiology, Harvard School of Public Health, Fall 1999

Instructor – Sampling methods in epidemiological research, Department of Social and Preventive Medicine, School of Medicine and Biomedical Sciences, University at Buffalo, State of New York, Fall 1998

Seminar Leader – Epidemiology, Biostatistics and Preventive Medicine, Department of Social and Preventive Medicine, School of Medicine and Biomedical Sciences, University at Buffalo, State of New York, Fall 1995-1997

Teaching assistant – Statistics (introduction to statistics, regression analysis, mathematical statistics 1 & 2), Department of Statistics, University at Buffalo, State of New York, 1993-95

Instructor – Statistical process control courses, Ornit industries, Kibbutz Or-Haner, Israel, 1992-93

Instructor – Introduction to SAS for undergraduate statisticians, Department of Statistics, Haifa University, Haifa, Israel, 1990-91

Teaching Assistant – Department of Statistics, State University of New York at Buffalo, 1993-1995

Teaching assistant – Applied statistics (regression analysis, analysis of variance, categorical data analysis, and probability theory), Department of Statistics, Haifa University, Haifa, Israel, 1990-92

Editorial Service:

Founding Editorial Board Member, American Journal of Clinical and Experimental Obstetrics and Gynecology. 2013-

Section Editor, Current Epidemiology Reports: Reproductive and Perinatal Epidemiology. 2013-

Senior Editorial Board Member, International Journal of Molecular Epidemiology and Genetics, 2012-

Guest Editor Statistics in Medicine: Special Issue on Methods for Biomarkers, 2010-2012

Guest Editor Epidemiology: Special Issue on Limit of Detections and Mixtures, 2008-2010

Associate Editor (Methods and Reproductive Epidemiology), American Journal of Epidemiology, 2003-

Editorial Board Member, Epidemiology, 2007-2012

Scientific Review Service:

Referee over 300 papers for:

Methodological Research

American Journal of Epidemiology

Annals of Applied Statistics

Annals of Epidemiology

Biometrical Journal

Biometrics

Biostatistics

Communications in Statistics: Computations and Simulations.

Computer Methods and Programs in Biomedicine

Emerging Themes in Epidemiology

Environmental Science & Technology

Epidemiologic Perspectives and Innovation

Epidemiology

Human Heredity

Journal of the American Statistical Association

Journal of Applied Statistics

Journal of Biopharmaceutical Statistics

Journal of Epidemiology and Community Health

Statistics in Medicine

Technometrics

Etiological Research

Ambulatory Pediatrics

American Heart Journal

Cancer Causes & Control

Cancer Epidemiology, Biomarkers and Prevention

Clinica Sinica Acta

Fertility and Sterility

Human Reproduction

Journal of the American College of Cardiology

Journal of the American Medical Association

Journal of Exposure Analysis & Environmental Epidemiology

Journal of Obstetrics & Gynecology
Journal of Paediatrics and Perinatal Epidemiology
Journal of Woman's Health
Nature Translational Medicine
New England Journal of Medicine
Nutrition, Metabolism and Cardiovascular Disease

Professional Service:

OSMB Member – Hispanic Community Health Study/Study of Latinos Observational Study Monitoring Board, 2015

Consultant – Global Network for Women's and Children's Health Research, Aspirin Study, 2015

Committee Member, NICHD Representative – Coalition for Excellence in MCH Epidemiology, National MCH Epidemiology Awards, 2014

Project Reviewer – Study of Women's Health across the Nation (SWAN), 2013

Chair session – Pharmacological Agents in Pregnancy, Society for Epidemiologic Research (Annual Meeting), Montreal, Canada, 2011

President – Society for Pediatric and Perinatal Epidemiologic Research, 2010-2013

Chair session – Unnatural Selection, Society for Epidemiologic Research (Annual Meeting), Seattle, WA, 2010

Scientific Advisor Board Member – United Cerebral Palsy Association, The Middle East CP Study, 2006-2010

Chair session – Clinical Epidemiology, Society for Epidemiologic Research (Annual Meeting), Seattle, WA, 2006

Organizer of Advanced Methods Workshop – Society for Pediatric and Perinatal Epidemiologic Research, 2006-2010

Judge – Best poster, second poster session, Society for Epidemiologic Research, 2005

Epidemiology study section member – Northern Contaminants Program, Indian and Northern Affairs, Canada, 2004-2005

Judge – Best poster, second poster session, Society for Epidemiologic Research, 2004

Chair session – Methodological issues in pregnancy outcome, Society for Pediatric and Perinatal Epidemiologic Research Annual Meeting, July 2003

Data safety monitoring board member – INSPIRE Clinical Trial, 2001-2003

Vice President – Buffalo-Niagara Chapter of the American Statistical Association, 1998-1999

Secretary / Treasurer – Buffalo-Niagara Chapter of the American Statistical Association, 1997-1998

Scientific Review Committee Member – Roswell Park Cancer Institute, Buffalo, NY, 1998

Chair annual scientific review sub-committee for scientific merit of existing protocols – Roswell Park Cancer Institute, 1998

Student member – Admissions committee, Department of Social and Preventive Medicine, 1995-1999

Student member – Graduate committee, Department of Social and Preventive Medicine, 1995 -1999

Governmental Service:

Precision Medicine Initiative committee member. 2015-2016.

Earl Stadtman Tenure Track in Population Health search committee member. 2015-2016.

Tenure Track Search Committee Member for the Epidemiology Branch, National Institute for Environmental Health Sciences, 2015.

Deputy Director for Intramural Research-designated NIH Scientist Representative at the Site Visit presentations of the two National Cancer Institute-Division of Cancer Epidemiology and Genetics (DCEG) Investigators (tenure-track), 2015.

Earl Stadtman Tenure Track in Population Health search committee member. 2012-2013.

Ad-Hoc Reviewer for Senior Investigator Status for the NIH Central Tenure Committee. May 2013.

Chair, National Children Study Sampling Advisory Board, *Eunice Kennedy Shriver* National Institutes of Child Health and Human Development, May 2012.

Ad Hoc reviewer for FDA for approval of fertility and contraception's new formulations. December 2011.

Tenure Track Search Committee in the Phoenix Epidemiology and Clinical Research Branch, NIDDK 2011.

Tenure Track Search Committee Member for the DCEG Radiation Exposure Branch, National Cancer Institute, 2011.

Scientific Vision Pregnancy and Pregnancy Outcomes Workshop Organizing Facilitator. *Eunice Kennedy Shriver* National Institute of Child Health & Human Development 2010.

Tenure Track Search Committee Member for the DCEG Reproductive and Gynecological Cancers Branch, National Cancer Institute, 2010.

Deputy Director for Intramural Research-designated NIH Scientist Representative at the Site Visit presentations of the three National Cancer Institute-Division of Cancer Epidemiology and Genetics (DCEG) Investigators (tenure-track), 2010.

Tenure Track Search Committee Member for the DCEG Biostatistics Branch, National Cancer Institute, 2009.

Deputy Director for Intramural Research-designated NIH Scientist Representative at the Site

Visit presentations of the three National Cancer Institute-Division of Cancer Epidemiology and Genetics (DCEG) Investigators (tenure-track), 2008.

Branch Chief Search Committee Member for the DESPR Biostatistics Branch, *Eunice Kennedy Shriver* National Institute of Child Health & Human Development, 2008-2009.

Branch Chief Search Committee Member for the DCEG Biostatistics Branch, National Cancer Institute, 2007

Multiple Tenure Track Search Committee Member for the Division of Epidemiology, Statistics and Prevention Research, *Eunice Kennedy Shriver* National Institute of Child Health & Human Development, 2004 hire of the Staff Scientist for the Epidemiology Branch, 2005 hire of the tenure track investigator the Biometry Branch, 2006 two hires of tenure track investigators for the Epidemiology Branch, 2008 hire of the Staff Scientist for the Epidemiology Branch, 2009 hire of the tenure track investigator the Biostatistics Branch.

Appointed reviewer for CDC's special emphasis panel, "Public Health Laboratory Biomonitoring Implementation Program", Centers for Disease Control and Prevention, 2003.

Directive and Administrative Research Experience:

Position: Branch Chief – Epidemiology Branch
Employer: Division of Intramural Population Health Research, *Eunice Kennedy Shriver* National Institute of Child Health & Human Development, National Institutes of Health
Date: 6/2010-
Duties: Supervise all research activities, mentor students, recruit staff and investigators

Position: Acting Branch Chief – Biostatistics and Bioinformatics Branch
Employer: Division of Epidemiology, Statistics and Prevention Research, *Eunice Kennedy Shriver* National Institute of Child Health & Human Development, National Institutes of Health
Date: 2008-2009
Duties: Supervise all research activities, mentor students, recruit permanent branch chief

Position: Biostatistician and Clinical Trials Specialist
Employer: Karr G Ph.D., Protocol Department, Roswell Park Cancer Institute
Date: 1998-1999
Duties: Scientific review of the statistical and epidemiological sections of all the institute protocols, including design, analysis and interpretation of pharmacological clinical trials

Position: Statistical Process Control Consultant for Ornit Industries, Kibbutz Or Haner, Israel
Employer: David Faraggi, Ph.D., Statistical Consulting Unit, Haifa University, Haifa, Israel
Date: 1992-1993
Duties: Implementation of SPC and quality control procedures for the production line of Ornit Industries

Position: Director of the Survey Research Center
Employer: David Faraggi, Ph.D., Statistical Consulting Unit, Haifa University, Haifa, Israel
Date: 1991-1993
Duties: Sampling procedures, data collection, analysis and conclusion of the polls, supervision of a staff of 50 interviewers and junior statisticians

Position: Research Analyst
Employer: M. Shechter, Ph.D., Natural Resource and Environment Research Center, Department of Economics, Haifa University, Haifa, Israel
Dates: 1990-1991
Duties: Data analysis and collection

Position: Statistics and Computing Advisor for Undergraduate Students
Employer: Computing Center, Haifa University, Haifa, Israel
Dates: 1989-1990
Duties: Data management and analysis

Professional Memberships:

1. American Epidemiological Society, elected member since 2010
2. American Statistical Association, member since 1993
3. Society for Epidemiologic Research, member since 2000
4. Society for Pediatric and Perinatal Epidemiologic Research, member since 2003
5. American College of Epidemiology, Fellow since 2010

Invited Talks and Seminars:

Aspirin restores diminished pregnancy and live birth rates in women with low-grade inflammation: Results from the EAGeR randomized controlled trial. Epidemiology Seminar Series at the Harvard T. H. Chan School of Public Health. Harvard University, Boston, MA, November 4, 2015.

Schisterman EF, Mendola P, Wise L. Symposium presenter, Environmental basis of disease. American Society for Reproductive Medicine Annual Meeting; Baltimore, Maryland: 19 October, 2015.

Graphical sensitivity analysis to evaluate the effects of missing data. NIH Intramural Population Science Working Group. Rockville, MD, October 26, 2015.

The Biomarker Revolution: Epidemiologists, let's join it. SERtalks, McGill University, Montreal, Quebec, Canada, October 23, 2015.

Discussant. Is human fecundity changing? Workshop. *Eunice Kennedy Shriver* National Institute of Child Health and Human Development, Bethesda, Maryland, September 11, 2015.

The Art of Publishing Discussion Panel. Lasker Lessons in Leadership. NIH Oxford-Cambridge Scholars Program. Bethesda, MD, August 4, 2015.

Excellence in Education Winner Presentation. Society for Epidemiologic Research Annual Meeting; Denver, Colorado: 19 June, 2015.

Randomized clinical trial of preconception low dose aspirin use and pregnancy rate: the EAGeR Trial. Columbia University Epidemiology Grand Rounds Lecture Series. Columbia University, New York, NY, September 2014.

Mentor. Speed advising with senior faculty and senior NIH researchers. Hispanic-Serving Health Professionals Schools 2014 Professional Development Workshop: Using data systems to improve Hispanic health outcomes. Bethesda, MD, July 25, 2014.

The Birthweight Paradox Uncovered. National Institute on Aging, Laboratory of Population Science, Bethesda, MD, May 2014.

Preconception Low Dose Aspirin and Preterm Birth: Findings from the EAGeR (Effects of Aspirin in Gestation and Reproduction) Randomized Trial. Center for Environmental Health Susceptibility and the Department of Epidemiology, University of North Carolina Gillings School of Global Public Health, Chapel Hill, NC, April 2014.

Biomarkers: The good, the bad, and the ambiguous. Epidemiology Department Seminar Series, Brown University, Providence, RI. March 2014.

Biomarkers Revolution. Workshop. Inserm (National Institute of Health and Medical Research), Grenoble, France. August 2013.

Biomarkers and measurement error beyond conventional methods. Student workshop, Society of Pediatric and Perinatal Epidemiology, Boston, June 2013.

Biomarkers Revolution, Department of Population Health Sciences, University of Wisconsin, Madison, WI. April 2013.

Timing and measurement of Biomarkers in the menstrual cycle. School of Public Health, University of Michigan, Ann Arbor, MI, November 2012.

Nutrition and Menstrual Cycle function, Department of Epidemiology, University of North Carolina, Chapel Hill. March 2012.

Timing measurement of Biomarkers with the menstrual cycle. Epidemiology Branch, NIEHS, February 2012.

Timing measurement of Biomarkers with the menstrual cycle. Department of Veterinary Medicine, University of Illinois, November 2011.

Statistical Issues on the Birth Weight Paradox – Department of Biostatistics, University at Buffalo, Buffalo NY, November 2010.

Epidemiological Issues on the Birth Weight Paradox – Department of Social and Preventive Medicine, University at Buffalo, Buffalo NY, November 2010.

Methodological Issues in Cohort studies. Exposome. National Academy of Science. Washington DC, March 2010.

Statistical methods for the Pooled-Unpooled Hybrid. Department of Biostatistics. Virginia Commonwealth University, March 2010.

Menstrual Cycle Function. Department of Epidemiology. University of North Carolina at Chapel Hill, February 2010.

Causal Inference in Reproductive and Perinatal Epidemiology. Department of Epidemiology. University of Pittsburgh, Pittsburgh, PA, 2009.

Biomarkers Evaluation. Department of Biostatistics. University of Pittsburgh, Pittsburgh, PA, March 2009.

ROC Curve for Biomarkers Evaluation. Department of Statistics. University of Maryland Baltimore County, Baltimore, MD, 2009.

Selection Bias in Cohort Studies: Truncation without Representation, National Cancer Institute Cohort Consortium, Bethesda, MD, 2008.

Methodological Issues in the Analysis of New Biomarkers. Society for Epidemiologic Research, Chicago, IL 2008.

The Pooled-Unpooled Hybrid Design and Applications to the ROC Curve. Department of Statistics. George Mason University, March 2008.

Menstrual Cycle Function and Oxidative Stress. Department of Epidemiology. University of North Carolina at Chapel Hill, February 2008.

Hybrid Design in Epidemiology. Department of Statistics, University of Connecticut, Storrs, October 2007.

Hormonal Variation and Oxidative Stress. Department of Epidemiology. Morehouse University, Atlanta, GA September 2007.

Causal Inference on Perinatal Epidemiology. Ben Gurion University, Beer Sheva, Israel, April 2007.
ROC curve inference from a sample with a limit of detection. Eastern Mediterranean Biometrics Society. Eilat, Israel. January 2007.

Research opportunities at the Division of Epidemiology, Statistics and Prevention Research. Reproductive Endocrinology and Infertility Branch, NICHD, NIH, Bethesda, MD. October 2006.

Developments in the analysis of biomarker data. Advanced methods workshop. Society for Pediatric and Perinatal Epidemiologic Research, Seattle, WA. June 2006.

Biomarkers, pooling and LOD. Department of Epidemiology, Harvard School of Public Health, Boston, MA. April 2006.

Dealing with biomarkers: the new, the old and the beautiful. Department of Epidemiology and Biostatistics. McGill University, Montreal, Canada. March 2006.

Does the z-score method resolve the neonatal mortality paradox? Biostatistics Branch, National Cancer Institute, Bethesda, MD. July 2005.

The birth weight "paradox" uncovered. Epidemiology Branch, National Institute of Environmental Health Sciences, Research Triangle Park, NC. June 2005.

The utility of pooling biological specimens for epidemiological research, International Chinese Statistical Association, Washington, DC. June 2005.

Analytical issues in the analysis of oxidative stress data and women's health. Division of Reproductive Health, Centers for Disease Control and Prevention, Atlanta, GA. December 2004.

National Heart Lung and Blood Institute workshop on oxidative stress/inflammation and heart, lung, blood, and sleep disorders expert panel, Bethesda, Maryland. November 2004.

Research hurdles complicating the analysis of infertility treatment on child health. Assisted Reproductive Technology symposium, Society for Epidemiologic Research, Salt Lake City, Utah. June 2004.

ROC curve under pooling. Department of Health Studies, University of Chicago, Chicago, IL. May 2004.

Analysis of biomarker data based on pooled Samples. Department of Epidemiology, Biostatistics Sections; University of Maryland., Baltimore, MD. April 2004.

Methodological issues with limit of detection, serum lipids and PCB data. Department of Social and Preventive Medicine, University at Buffalo, State of New York, NY. October 2003.

Methodological issues in the over/underestimation of biomarker data random measurement error and limit of detection as applied to examples of oxidative stress analysis. Department of Pharmacology, University of Florida, Gainesville, FL. March 2003.

Methodological issues with PCB data. Department of Toxicology, George Washington University, Washington, DC. January 2003.

Statistical inference for the area under the ROC curve in the presence of random measurement error, University of California at Los Angeles, Los Angeles, CA. October 2000.

TBARS and cardiovascular disease: an ROC approach, University of California at Los Angeles, Los Angeles, CA. May 2000.

Meta-analysis in the medical literature. Erie County Medical Center, Buffalo, NY. April 1998.

Methodological issues on survival analysis. Department of Social and Preventive Medicine, University at Buffalo, State of New York, Buffalo, NY. April 1998.

Measurement error in physical activity and diet. Department of Social and Preventive Medicine, University at Buffalo, State of New York, Buffalo, NY. March 1998.

Methodological issues on prognostic and diagnostic factors. Department of Social and Preventive Medicine, School of Medicine & Biomedical Sciences, State University of New York, Buffalo, NY. February 1998.

Methodological issues on biomarkers of oxidative stress. Department of Epidemiology, University of Alabama at Birmingham, Birmingham, AL. November 1997.

Statistical sampling methods, Department of Social and Preventive Medicine, School of Medicine & Biomedical Sciences, University at Buffalo, State of New York, Buffalo, NY. October 1997.

International variation on coronary vascular disease rates, Department of Social and Preventive Medicine, University at Buffalo, State of New York, Buffalo, NY. August 1997.

Statistical correction for bias, Department of Social and Preventive Medicine, University at Buffalo, State of New York, Buffalo, NY. March 1997.

Sources of bias in case control studies, Department of Social and Preventive Medicine, University at Buffalo, State of New York, Buffalo, NY. March 1997.

Statistical Sampling Methods. Department of Social and Preventive Medicine, University at Buffalo, State of New York, Buffalo, NY. October 1996.

Introduction to Biostatistics, Surgical and Medical Residents, Roswell Park Cancer Institute, Buffalo, NY. May 1996.

Scientific Presentations (presenter or student presenter only):

Sjaarda LA, Mitchell E, Mumford SL, Radin R, Perkins NJ, Galai N, Silver RM, **Schisterman EF**. Preconception low dose aspirin treatment improves clinical pregnancy and live birth in women with higher systemic inflammation. Poster presentation at the American Society for Reproductive Medicine, October 2015, Baltimore, MD.

¹Radin R, Sjaarda L, Mumford SL, Perkins NJ, Silver RM, **Schisterman EF**. C-reactive protein and anovulation among eumenorrheic women with prior pregnancy loss. Poster presentation at the American Society for Reproductive Medicine, October 2015, Baltimore, MD.

¹Radin, R. et al. Preconception low-dose aspirin and sex ratio of offspring among women with prior pregnancy loss in a randomized trial. American Society of Reproductive Medicine (Annual Meeting) Baltimore, Maryland, October 2015.

Schisterman EF. Session Chair and Presenter, Professional Development: Personalized Career Paths. Society for Epidemiologic Research Annual Meeting; Denver, Colorado: 19 June, 2015.

Schisterman EF. Presenter, Statistical and epidemiological challenges in fetal origins research. Society for Epidemiologic Research Annual Meeting; Denver, Colorado: 19 June, 2015.

Gilman, S and **Schisterman EF**. Session Chair, The Developmental Origins of Disease: Relevance for Population Health. Society for Epidemiologic Research Annual Meeting; Denver, Colorado: 19 June, 2015.

Heagerty, P and **Schisterman EF**. Perspectives and opportunities for efficient sampling in longitudinal and correlated data settings. Society for Epidemiologic Research Annual Meeting; Denver, Colorado: 16 June, 2015.

¹Radin, R. Race disparities in placental vascular lesions. Society for Epidemiologic Research Annual Meeting; Denver, Colorado: 16-19 June, 2015.

¹Kalwerisky RA, Mumford SL, Ye A, Sjaarda L, Perkins NJ, Michels KA, Zarek S, Radin RL, Plowden T, Schliep KC, Mitchell EM, **Schisterman EF**. Poster. Association between dietary magnesium and symptoms of Premenstrual Syndrome. Society for Epidemiologic Research Annual Meeting; Denver, Colorado: 16-19 June, 2015.

¹Zarek SM, Mitchell EM, Sjaarda LA, Silver RM, Wactawski-Wende J, Townsend JM, Lynch AM, Leshner LL, Stanford JB, Galai N, Faraggi D, Schliep KC, Plowden TC, Radin RG, Kalwerisky RA, Perkins NJ, DeCherney AH, Mumford SL, **Schisterman EF**. Anti-mullerian hormone is not associated with fecundability. Poster presentation at the Society for Epidemiologic Research, June 2015, Denver, CO.

¹Zarek SM, Mitchell EM, Sjaarda LA, Silver RM, Wactawski-Wende J, Townsend JM, Lynch AM, Leshner LL, Stanford JB, Galai N, Faraggi D, Schliep KC, Plowden TC, Radin RG, Kalwerisky RA, Perkins NJ, DeCherney AH, Mumford SL, Schisterman EF. Anti-mullerian hormone is not associated with pregnancy loss. Poster presentation at the Society for Epidemiologic Research, June 2015, Denver, CO.

¹Mitchell, EM, Hinkle SM, and **Schisterman EF**. Untangling time among preterm predictors: A survival approach to preterm delivery. Society for Pediatric and Perinatal Epidemiologic Research Annual Meeting; Denver, Colorado: 15-16 June, 2015.

¹Zarek SM, Mitchell EM, Sjaarda LA, Silver RM, Wactawski-Wende J, Townsend JM, Lynch AM, Lster LL, Stanford JB, Galai N, Faraggi D, Schliep KC, Plowden TP, Radin RG, Kalwerisky, RA, Perkins NJ, DeCherney AH, Mumford SL, **Schisterman EF**. Anti-Müllerian hormone is not associated with fecundability. Poster presentation at the Society for Pediatric and Perinatal Epidemiologic Research Annual Meeting; Denver, Colorado: 15-16 June, 2015.

¹Zarek SM, Mitchell EM, Sjaarda LA, Silver RM, Wactawski-Wende J, Townsend JM, Lynch AM, Leshner LL, Stanford JB, Galai N, Faraggi D, Schliep KC, Plowden TP, Radin RG, Kalwerisky RA, Perkins NJ, DeCherney AH, Mumford SL, **Schisterman EF**. Anti-Müllerian hormone is not associated with pregnancy loss. Poster presentation at the Society for Pediatric and Perinatal Epidemiologic Research Annual Meeting; Denver, Colorado: 15-16 June, 2015.

Sjaarda L, Mitchell E, Mumford SL, Radin R, Zarek S, Schliep K, Plowden T, Kalwerisky R, Perkins N, Stanford J, Wactawski-Wende J, Townsend J, Lynch A, Leshner L, Faraggi D, Galai N, Silver R, **Schisterman EF**. The effects of preconception low dose aspirin treatment on clinical pregnancy and live birth: The impact of inflammatory status. Poster presentation at the Society for Pediatric and Perinatal Epidemiologic Research Annual Meeting; Denver, Colorado: 15-16 June, 2015.

¹Zarek SM, Browne RW, Ye A, Wactawski-Wende J, Sjaarda LA, Schliep KC, DeCherney AH, **Schisterman EF**, Mumford SL. Lipoprotein particle subclasses in relation to endogenous reproductive hormones. Poster presentation at the Society for Pediatric and Perinatal Epidemiologic Research Annual Meeting; Denver, Colorado: 15-16 June, 2015.

¹Radin RG*, Mumford SL, Silver R, Leshner L, Galai N, Faraggi D, Wactawski-Wende J, Townsend JM, Lynch AM, Simhan HN, Sjaarda LA, Perkins NJ, Zarek SM, Plowden TC, Mitchell E, Schliep KC, Kalwerisky R, **Schisterman EF**. Pre-conception low-dose aspirin and sex ratio: The EAGeR Trial. Poster presentation at the Society for Pediatric and Perinatal Epidemiologic Research Annual Meeting; Denver, Colorado: 15-16 June, 2015.

¹Kalwerisky RA, Mumford SL, Ye A, Sjaarda L, Perkins NJ, Michels KA, Zarek S, Radin RL, Plowden T, Schliep KC, Mitchell EM, **Schisterman EF**. Poster. Association between dietary magnesium and symptoms of Premenstrual Syndrome. Society for Pediatric and Perinatal Epidemiologic Research Annual Meeting; Denver, Colorado: 15-16 June, 2015.

Lu YL, Kalwerisky RA, Perkins N, Mumford SL, Sjaarda LA, Hinkle SN, **Schisterman EF**. Filling knowledge gaps to enhance research: Librarian wearing different hats at different research stages. Poster presentation for The Medical Library Association Annual Meeting, Austin, TX, May, 2015.

¹Mitchell, E.M, Lyles, R.H., Manatunga, A.K., Danaher, M., Perkins, N.J. and **Schisterman, E.F**. Comparing Parametric and Semi-Parametric Regression Models for a Skewed, Pooled Outcome. *Eastern North American Region International Biometric Society 2014 Spring Meeting*; Baltimore, MD.

¹Mitchell, E.M., Schliep, K.C., and **Schisterman, E.F.** Truncation Investigations – Using Sensitivity Analyses to Uncover Potential Sources of Bias Due to Truncation in Time to Event Studies. *SERdigital*. November 2014.

¹Mitchell, E.M., Lyles, R.H., Manatunga, A.K., and **Schisterman, E.F.** The Why and How of Pooling: Making Models that Make Sense. *SERdigital*. November 2014.

¹Mitchell, E.M., Lyles, R.H., Manatunga, A.K., Danaher, M., Perkins, N.J., and **Schisterman, E.F.** Regression for Skewed Biomarker Outcomes Subject to Pooling. *Joint Statistical Meetings*: Boston, MA. August 2014.

Lyles, R.H., Mitchell, E.M., Weinberg, C., Umbach, D.M., **Schisterman, E.F.** On Efficient Use of Logistic Regression When a Continuous Biomarker Is Assayed on Pooled Biospecimens. *Joint Statistical Meetings*: Boston, MA. August 2014.

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.

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.

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.

Schisterman EF. Treatment of the paradox: analytic methods. IEA World Congress of Epidemiology. Anchorage, AK, August, 2014.

Schisterman EF, Silver RM, Leshner LL, Faraggi D, Wactawski-Wende J, Townsend JM, Lynch AM, Perkins NJ, Mumford SL, Galai N. 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 (Annual Meeting) Seattle, WA, June 2014.

Schisterman EF, Silver RM, Leshner LL, Faraggi D, Wactawski-Wende J, Townsend JM, Lynch AM, Perkins NJ, Mumford SL, Galai N. 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 (Annual Meeting) Seattle, WA, June 2014.

Schliep 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 (Annual Meeting) Seattle, WA, June 2014.

¹Mitchell EM, Lyles RH, Manatunga AK, **Schisterman EF**. Regression models for a right-skewed outcome subject to pooling. Society for Epidemiologic Research (Annual Meeting) Seattle, WA, June 2014.

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. Society for Pediatric & Perinatal Epidemiologic Research (Annual Meeting) Seattle, WA, June 2014.

Ahrens KA, Cole S, Westreich D, Platt R, **Schisterman EF**. A Cautionary Note about Estimating Effects of Secondary Exposures in Cohort Studies. Society for Epidemiologic Research (Annual Meeting) Seattle, WA, June 2014.

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. Society for Epidemiologic Research (Annual Meeting) Seattle, WA, June 2014.

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 EF**. Recruitment for longitudinal pregnancy studies initiated preconception: lessons learned from the EAGeR Trial. Society for Pediatric & Perinatal Epidemiologic Research (Annual Meeting) Seattle, WA, June 2014.

Sjaarda LA, Mumford SL, Wactawski-Wende J, and **Schisterman EF**. Dietary carbohydrate intake and androgens in normally menstruating women. Society for Epidemiologic Research (Annual Meeting) Seattle, WA, June 2014.

¹Zarek SM, DeCherney AH, 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. Society for Pediatric & Perinatal Epidemiologic Research (Annual Meeting) Seattle, WA, June 2014.

Kissell KA, **Schisterman EF**, Hwang BS, Chen Z, Perkins N, Wactawski-Wende J, Mumford SL. History of Adverse Pregnancy Outcomes and Maternal Serum Anti-Mullerian Hormone Levels. Society for Pediatric & Perinatal Epidemiologic Research (Annual Meeting) Seattle, WA, June 2014.

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 (Effects of Aspirin in Gestation and Reproduction) Randomized Trial. Oral Presentation at the American Epidemiologic Society (Annual Meeting), New Brunswick, NJ, March 2014.

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 Preterm Birth: Findings from the EAGeR (Effects of Aspirin in Gestation and Reproduction) Randomized Trial. Oral Presentation at the Society for Maternal Fetal Medicine (Annual Meeting), New Orleans, February 2014.

Ahrens KA, Silver RM, Ahrens KA, Wong L, Perkins NJ, Galai N, Leshner L, Faraggi D, Wactawski-Wende J, Townsend J, Lynch AM, Mumford SL, **Schisterman EF**. Preconception Low Dose Aspirin and Preterm Birth: Findings from the EAGeR Randomized Trial, Oral Presentation at the Society for Maternal Fetal Medicine (Annual Meeting), New Orleans, February 2014.

¹Mitchell, E.M, Lyles, R.H., Danaher, M., Perkins, N.J. and **Schisterman, E.F.** Efficient Pooling Methods for Skewed Biomarker Data Subject to Regression Analysis. *Joint Statistical Meetings*: Montreal, Canada. August 2013.

Ahrens KA, Vladutiu C, Mumford SL, Schliep KC, Perkins NJ, Wactawski-Wende J, **Schisterman EF**. The effect of physical activity during the menstrual cycle on reproductive function. Society for Pediatric & Perinatal Epidemiologic Research (Annual Meeting) Boston, MA, June 2013.

Ahrens KA, Mumford SL, Schliep KC, Kissell K, Perkins NJ, Wactawski-Wende J, **Schisterman EF**. The effect of serum leptin levels on reproductive hormones and the risk of sporadic anovulation. Society for Pediatric & Perinatal Epidemiologic Research (Annual Meeting) Boston, MA, June 2013.

Kissell K, Danaher M, **Schisterman EF**, Wactawski-Wende J, Schliep KC, Perkins NJ, Sjaarda LA, Ahrens KA, Mumford SL. Serum Anti-Mullerian hormone variation throughout the menstrual cycle in healthy regularly menstruating young women. Oral Presentation at the Endocrine Society's 95th Annual Meeting and Expo. San Fransisco, CA, June 2013.

Kissell K, Danaher M, **Schisterman EF**, Wactawski-Wende J, Schliep KC, Perkins NJ, Sjaarda LA, Ahrens KA, Mumford SL. The association between anti-Mullerian Hormone levels and follicular phase length. Society for Epidemiologic Research (Annual Meeting) Boston, MA, June 2013.

¹Prasad A, Mumford SL, Buck Louis G, 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. Society for Pediatric & Perinatal Epidemiologic Research (Annual Meeting) Boston, MA, June 2013.

¹Pollack AZ, Sjaarda LA, ¹Ahrens, KA, Mumford SL, Browne RW, Wactawski-Wende J, **Schisterman EF**. Cadmium and lead exposure impairs paraoxonase 1 activity in premenopausal women. Society for Epidemiologic Research (Annual Meeting) Boston, MA, June 2013.

Schisterman EF. Recording nature's answers: Measurement bias in epidemiology. Discussant for the Society for Epidemiologic Research (Annual Meeting), Boston, MA, June 2013.

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 (Effects of Aspirin in Gestation and Reproduction) Randomized Trial. Oral Presentation Podium presentation at the Society for Pediatric & Perinatal Epidemiologic Research, Boston, MA, June 2013.

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 (Effects of Aspirin in Gestation and Reproduction) Randomized Trial. Oral Presentation at the Society for Epidemiologic Research (Annual Meeting), Boston, MA, June 2013.

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 (Effects of Aspirin in Gestation and Reproduction) Randomized Trial. Oral Presentation at the Society for Maternal Fetal Medicine (Annual Meeting), San Francisco, February 2013.

Schliep KC, Hammoud AO, Mumford SL, Stanford JB, ¹Kissell KA, Sjaarda LA, Mendola P, Wactawski Wende J, **Schisterman EF**. Luteal phase deficiency in normal cycling women. Society for Pediatric & Perinatal Epidemiologic Research (Annual Meeting) Boston, MA, June 2013.

Schliep KC, Mumford SL, Vladutiu CJ, Ahrens KA, Perkins NJ, Prasad A, Sjaarda LA, Kissell K, Wactawski-Wende J, **Schisterman EF**. Perceived stress, reproductive hormones, and ovulatory function among premenopausal women in the BioCycle Study. Oral Presentation Podium presentation at the Society for Pediatric & Perinatal Epidemiologic Research, Boston, MA, June 2013.

Sjaarda LA, Mumford SL, ¹Kissell K, Laughon SK, Schliep KC, Hammoud AO, Wactawski-Wende J, **Schisterman EF**. Sporadic anovulation and endocrine perturbations with increasing testosterone in healthy, eumenorrheic women. Society for Epidemiologic Research (Annual Meeting) Boston, MA, June 2013.

¹Mitchell, E.M., Lyles, R.H., Danaher, M., Perkins, N.J., Manatunga, A.K., and **Schisterman, E.F.** Efficient Pooling Methods for Skewed Biomarker Data Subject to Regression Analysis. *Eastern North American Region International Biometric Society 2013 Spring Meeting*: Orlando, FL. March 2013.

¹Mitchell, E.M., Lyles, R.H., Danaher, M., Perkins, N.J., and **Schisterman, E.F.** Lognormal Models to Estimate Means for Skewed Biomarker Data Subject to Assay Pooling. *Southern Regional Council on Statistics Summer Research Conference 2012*: Jekyll Island, SC. June 2012.

Filiberto 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. Society for Pediatric & Perinatal Epidemiologic Research (Annual Meeting) Minneapolis, MN. June 2012.

¹Filiberto AC, Mumford SL, Wactawski-Wende J, Zhang C, Yeung EH, Gaskins AJ, Schliep KC, **Schisterman EF**. The influence of usual dietary isoflavone intake on high sensitivity C-reactive protein concentrations across the menstrual cycle: the BioCycle Study. Society for Epidemiologic Research (Annual Meeting) Minneapolis, MN. June 2012.

¹Pollack AZ, Mumford SL, Perkins NJ, Wactawski-Wende J, **Schisterman EF**. Blood metals associated with kidney and liver biomarkers in healthy, premenopausal women. Society for Epidemiologic Research (Annual Meeting) Minneapolis, MN. June 2012.

¹Mitchell, E.M., Lyles, R.H., Danaher, M., Perkins, N.J., and **Schisterman, E.F.** Lognormal and Gamma Regression Models for Skewed Biomarker Data Subject to Assay Pooling. *24th Annual Conference of the International Society for Environmental Epidemiology (ISEE)*: Columbia, SC. August 2012.

¹Mitchell, E.M., Lyles, R.H., Perkins, N.J., and **Schisterman, E.F.** Lognormal Models to Estimate Means for Skewed Biomarker Data Subject to Assay Pooling. *Eastern North American Region International Biometric Society 2012 Spring Meeting*: Washington, D.C. April 2012.

¹Danaher 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, Miami, FL. August 2011.

Discussant to "The Perils of adjusting for gestational age." Society of Pediatric and Perinatal Epidemiology (Annual Meeting), Montreal, CA. June 2011.

Dasharathy SS, Mumford SL, Pollack AZ, Whitcomb BW, Perkins NJ, Mattison D, Wactawski-Wende J, **Schisterman EF**. Menstrual bleeding patterns among regularly menstruating women. Society for Pediatric & Perinatal Epidemiologic Research (Annual Meeting) Montreal, CA. June 2011.

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: The BioCycle Study. Podium presentation at the 24th Annual Meeting of the Society for Pediatric & Perinatal Epidemiologic Research, Montreal, CA. June 2011.

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. Society for Pediatric & Perinatal Epidemiologic Research (Annual Meeting) Montreal, CA. June 2011.

¹Pollack AZ, Perkins NJ, Mumford SL, **Schisterman EF**. Correlated biomarker measurement error is an important threat to inference in environmental epidemiology. Society for Epidemiologic Research (Annual Meeting) Montreal, CA. June 2011.

Schisterman EF, Mumford SL, Whitcomb BW, Trevisan M, Wactawski-Wende J. Failure to consider menstrual cycle phase might lead to misinterpretation of biomarker data. Podium presentation at the Annual Meeting of the American Epidemiological Society, March 2011. Atlanta, GA.

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. The BioCycle Study. Society for Epidemiologic Research (Annual Meeting) Seattle, WA. June 2010.

¹Gaskins AJ, Mumford SL, Rovner A, Zhang C, Perkins NJ, Hovey K, 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. Society for Pediatric & Perinatal Epidemiologic Research (Annual Meeting) Seattle, WA. June 2010.

¹Gaskins AJ, Wilchesky M, Mumford SL, Perkins NJ, Wactawski-Wende J, **Schisterman EF**. Effect of endogenous estrogen on high sensitivity c-reactive protein concentrations in premenopausal women: The BioCycle Study. The BioCycle Study. Society for Pediatric & Perinatal Epidemiologic Research (Annual Meeting) Seattle, WA. June 2010.

Lynch KE, Whitcomb BW, Mumford SL, Gaskins AJ, Wactawski-Wende J, **Schisterman EF**. Chronic alcohol consumption and reproductive hormones. Society for Pediatric & Perinatal Epidemiologic Research (Annual Meeting) Seattle, WA. June 2010.

Mumford SL, **Schisterman EF**, Gaskins AJ, Pollack AZ, Perkins NJ, Wactawski-Wende J. Menstrual cycle length: It's a survivor. Society for Pediatric & Perinatal Epidemiologic Research (Annual Meeting) Seattle, WA. June 2010.

Mumford SL, **Schisterman EF**, Siega-Riz AM, Gaskins AJ, Whitcomb BW, Perkins NJ, VanderWeele TJ. Direct effects of dietary fiber intake on lipoprotein cholesterol levels in premenopausal women. Society for Epidemiologic Research (Annual Meeting) Seattle, WA. June 2010.

Perkins NJ, Whitcomb BW, **Schisterman EF**, Mumford SL. Flexible, efficient biomarker assay calibration designs. Society for Epidemiologic Research (Annual Meeting) Seattle, WA. June 2010.

Schisterman EF, Cole S, Platt R, Sundarum R, Wacholder S. Survival of the Fittest, Society for Epidemiologic Research (Annual Meeting) Seattle, WA. June 2010.

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. Society for Pediatric & Perinatal Epidemiologic Research (Annual Meeting) Seattle, WA. June 2010.

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. Society for Pediatric & Perinatal Epidemiologic Research (Annual Meeting) Seattle, WA. June 2010.

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. Society for Pediatric & Perinatal Epidemiologic Research (Annual Meeting) Seattle, WA. June 2010.

Mumford SL, **Schisterman EF**, Siega-Riz AM, Browne RW, ¹Gaskins 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. American Heart Association (Annual Meeting). San Francisco, CA. March 2010.

Schisterman EF, Mumford SL, Vexler A, Perkins NJ. Hybrid pooled-unpooled design for cost-efficient measurement of biomarkers. Eastern North American Region (ENAR) of the International Biometric Society Spring Meeting (Annual Meeting), New Orleans, LA. March 2010.

¹Gaskins AJ, ¹Mumford SL, Zhang C, Wactawski-Wende J, Hovey KM, Whitcomb BW, Perkins NJ, Yeung E, **Schisterman EF**. Impact of daily fiber intake on reproductive function: The BioCycle Study. Society for Pediatric & Perinatal Epidemiologic Research (Annual Meeting) Anaheim, CA. June 2009.

Gollenberg AL, Hediger M, ¹Mumford SL, Whitcomb BW, Hovey K, Wactawski-Wende J, **Schisterman EF**. Perceived stress and severity of perimenstrual symptoms: The BioCycle Study. Society for Pediatric & Perinatal Epidemiologic Research (Annual Meeting) Anaheim, CA. June 2009.

Mumford SL, **Schisterman EF**, Gaskins AJ, Perkins NJ, Ye A. Non-perfect follow-up leads to perfect data: the BioCycle study. Society for Pediatric and Perinatal Epidemiologic Research (Annual Meeting) Anaheim, CA. June 2009.

Mumford SL, Gaskins AJ, Perkins NJ, Wactawski-Wende J, Trevisan M, Browne RW, Hovey K, **Schisterman EF**. Baseline lipoprotein levels, reproductive hormones and anovulation: the BioCycle study. Society for Pediatric and Perinatal Epidemiologic Research (Annual Meeting) Anaheim, CA. June 2009.

Schisterman EF, Perkins NJ, Mumford SL, Roy A, Gaskins AJ, Ye A. What to do about collinearity. Society for Epidemiologic Research (Annual Meeting) Anaheim, CA. June 2009.

Yeung E, Zhang C, Chen L, ¹Mumford 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. Society for Pediatric and Perinatal Epidemiologic Research (Annual Meeting) Anaheim, CA. June 2009.

Mumford SL, **Schisterman EF**, Whitcomb BW, Wu A, Wactawski-Wende J, Trevisan M, Browne RW, Hovey K. Effects of Lipids on Menstrual and Ovarian Cycle Function. Society for Pediatric and Perinatal Epidemiologic Research (Annual Meeting), Chicago, IL. June 2008.

Schisterman EF, ¹Perkins NJ. Confidence intervals for the Youden index and corresponding optimal cut-point. Society for Epidemiologic Research (Annual Meeting), Toronto, Canada. June 2005.

Jackson LW, **Schisterman EF**, Browne R, Armstrong D. Oxidative stress and female fecundity. Society for Pediatric and Perinatal Epidemiologic Research (Annual Meeting), Toronto, Canada. June 2005.

Schisterman EF, Hernández-Díaz S, Hernán MA. Does the Z-score method resolve the neonatal mortality paradox? Society for Pediatric and Perinatal Epidemiologic Research (Annual Meeting), Toronto, Canada. June 2005.

Schisterman EF, ¹Perkins NJ. The utility of pooling biological specimens for epidemiological research. Society for Pediatric & Perinatal Epidemiologic Research (Annual Meeting), Toronto, Canada. June 2005.

Schisterman EF, Liu A. The utility of pooling biological specimens for epidemiological research, International Chinese Statistical Association (Annual Meeting), Washington, DC. June 2005.

Perkins NJ, **Schisterman EF**. The Youden index and the corresponding optimal cut-point corrected for measurement error. International Society for Environmental Epidemiology (Annual Meeting), New York, NY. August, 2004.

Whitcomb BW, **Schisterman EF**, Hu J. Limit of detection bias and the correction of variance estimates. International Society for Environmental Epidemiology (Annual Meeting), New York, NY. August, 2004.

Schisterman EF, Hernan MA, Hernandez-Diaz S. Does the Z-score method resolve the neonatal mortality paradox? International Society for Environmental Epidemiology (Annual Meeting), New York, NY. August, 2004.

Jackson LJ, **Schisterman EF**, Dey-Rio R, Browne R, Armstrong D, Buck G. Endometriosis and oxidative stress. International Society for Environmental Epidemiology (Annual Meeting), New York, NY. August, 2004.

Whitcomb BW, **Schisterman EF**, Hu J. Limit of detection bias and the correction of variance estimates. Society for Epidemiologic Research (Annual Meeting), Salt Lake City, UT. June, 2004.

Jackson LJ, **Schisterman EF**, Dey-Rio R, Browne R, Armstrong D and Buck, G. Endometriosis and oxidative stress. Society for Epidemiologic Research (Annual Meeting), Salt Lake City, UT. June, 2004.

Perkins NJ, **Schisterman EF**. The Youden index and the corresponding optimal cut-point corrected for measurement error. Society for Epidemiologic Research (Annual Meeting), Salt Lake City, UT. June, 2004.

Whitcomb BW, **Schisterman EF**, Buck GM, Weiner JM, Greizerstein H, Kostyniak PJ. Relative concentrations of organochlorines pesticides and polychlorinated biphenyls in adipose tissue and serum of women of reproductive age. Society for Epidemiologic Research (Annual Meeting), Atlanta, GA. June 2003.

Schisterman EF, Liu A. Sample size and power calculation in comparing diagnostic accuracy of biomarkers with pooled assessments. Society for Epidemiologic Research (Annual Meeting), Atlanta, GA. June 2003.

Schisterman EF, Liu A. Sample size and power calculation in comparing diagnostic accuracy of biomarkers with pooled assessments. Eastern Mediterranean Biometrics Society (Bi-annual Meeting), Anatolia Turkey. January 2003.

Schisterman EF, Grundy S, Lawvere S, Gransar H, Friedman JD and Berman DS. Coronary plaque as a replacement for age in the Framingham risk equation. American College of Cardiology (Annual Meeting), Atlanta, GA. August 2002.

Schisterman EF, Faraggi D, Reiser B, ¹Whitcomb BW. ROC curve under pooling of blood samples. Society for Medical Decision Making (Annual Meeting), San Diego, CA. June 2001.

Schisterman EF, Faraggi D, Reiser B. Evaluation of discriminating ability of biomarkers under pooling of blood samples. Society for Epidemiologic Research (Annual Meeting), Toronto, Canada. June 2001.

Gallagher AM, **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 for Epidemiologic Research (Annual Meeting), Toronto, Canada. June 2001.

Schisterman EF, Faraggi D, Germano G, Berman DS. Predictive probability of cardiac death for clinical, exercise, and myocardial perfusion data using cross validation techniques. American College of Cardiology (Annual Meeting) New Orleans, LA. June 2001.

Schisterman EF, Buck GM, Weiner JM, McGuinness BM, Vena JE, Mittlelman M. Acute effects of consumption of PCB contaminated sport fish from lake Ontario on fecundability: A prospective cross-over design. International Society for Environmental Epidemiology, Buffalo, NY. August 2000.

Schisterman EF, Faraggi D, Reiser B, Trevisan M. Statistical inference for the area under the ROC curve in the presence of random measurement error. Society for Epidemiologic Research (Annual Meeting), Baltimore, MD. June 1999.

Schisterman EF, Moysich KB. Correcting correlation coefficients for random measurement error: How reliable is this procedure and what can we do about it? Fifth Annual Graduate Student Research Forum. Roswell Park Cancer Institute, Buffalo, NY. July 1998.

Schisterman EF, Meyer O, Trevisan M, Dorn J and Muti P. A Bayesian approach to correct attenuated correlation with error in measurement. Society for Epidemiologic Research (Annual Meeting), Edmonton, Canada. June 1997.

Schisterman EF, Buck G, Mendola P, Vena J. Estimating Low Birth Weight Probability Based on Prior Knowledge- A Bayesian Approach; Society for Pediatric Epidemiologic Research (Annual Meeting), Boston, MA. June 1996.

Current Intramural Research Support:

Eunice Kennedy Shriver National Institute of Child Health & Human Development. Feasibility of Processing and Assaying Frozen Placental Specimens in the Effects of Aspirin in Gestation and Reproduction (EAGeR) Trial. 9/2014-9/2015. PI: L Sjaadra. \$283,000. Co-I: EF Schisterman, J Weck, Sunni Mumford.

Eunice Kennedy Shriver National Institute of Child Health & Human Development. Folic Acid and Zinc Supplementation Randomized Trial. 9/2011-9/2016. PI: EF Schisterman, SL Mumford (Diet). \$12,800,000. Co-I: Neil Perkins, Lindsey Sjaarda, Pauline Mendola, James Mills, Zhen Chen.

Completed Intramural Research Support:

Eunice Kennedy Shriver National Institute of Child Health & Human Development. The Effects of Aspirin in Gestation and Reproduction (EAGeR) Randomized Trial. 8/2006-8/2012. PI: EF Schisterman. \$11,800,000. Co- Investigators: Cuilin Zhang, Neil Perkins, Edwina Yeung and Sunni Mumford. Extramural Site PIs: Robert Silver, Anne Lynch, Jean Wactawski-Wende, Janet Townsend, Noya Galai, David Faraggi.

Eunice Kennedy Shriver National Institute of Child Health & Human Development. Phytoestrogen and Time to Pregnancy. 8/2006-8/2007. PI: P Howards. \$98,990. Co-Investigators: EF Schisterman. (Mentor)

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

Eunice Kennedy Shriver National Institute of Child Health & Human Development. "The BioCycle Study: A longitudinal study of the estrogen and progesterone effects of biomarkers of oxidative stress and antioxidant status during the menstrual cycle". 8/2004-9/2006. PI: EF Schisterman. \$3,700,000. Co-Investigators: M Hediger and A Liu. Extramural Site PI: Jean Wactawski-Wende.

Eunice Kennedy Shriver National Institute of Child Health & Human Development. Oxidative Stress in the Etiologic Pathway of Reproductive Outcomes: A Pilot Study. 6/2003-6/2004. PI: EF Schisterman. \$60,204. Co-Investigators: L Jackson, G Buck Louis and A Liu.

Current Extramural Research Support:

American Chemistry Council. New Study Designs and Methodological Issues in Environmental Exposures. 12/2011-12/2016. PI: EF Schisterman. \$1,000,000.

Completed Extramural Research Support:

American Chemistry Council. New Study Designs and Methodological Issues in Environmental Exposures. 12/2008-12/2013. PI: EF Schisterman. \$800,000.

Office of Disease Prevention. Society for Pediatric and Perinatal Research (Annual Meeting). PI: Enrique Schisterman. \$22,600. Extramural PI: Martha Werler.

National Institutes of Health - Office of Dietary Supplements. Longitudinal measurements of dietary caffeine intake and biochemical markers in women participating in the BioCycle Study. 1/2010-10/2010.

Students PIs Sunni Mumford, Karen Schliep, Anna Pollack Mentors: EF Schisterman. \$98,600.
American Chemistry Council. Methodological Issues in the Assessment of Environmental Exposures.
9/2006-9/2008. PI: EF Schisterman. \$200,000.

Eisner Foundation. Early Identification of Atherosclerosis using Noninvasive Imaging Research. 3/2000-
3/2002. Co-PI: EF Schisterman. \$1,641,000 Total Direct Cost. Co-PI: D Berman.

Academic Honors:

Excellence in Education Award, *Recognizing those with substantial contributions to the field of epidemiology through teaching, training, and mentoring*, Society for Epidemiologic Research, 2015.

NICHD Mentor Award, *Recognizing individuals at NICHD who have demonstrated significant dedication and ability in serving as a mentor*, National Institutes of Health 12/2011.

Fellow, American College of Epidemiology, 2010-

Elected Member, American Epidemiological Society, 2010-

NICHD Merit Award, *For Organization of an Interdisciplinary Team that Created an Innovative Study in Reproductive and Perinatal Epidemiology*. National Institutes of Health 9/2010.

SPER Award, *For leadership in organizing the SPER methods workshops*. Society for Pediatric and Perinatal Epidemiologic Research. 6/2009.

NICHD Merit Award, *For Ingenuity in Designing and Dedication in Completing the LIFE Study, Whose Aim is to Identify Environmental Reproductive Toxicants*. National Institutes of Health 9/2009.

NICHD Merit Award, *For Creative Epidemiologic Design and Methodologic Rigor in the Successful Completion of the BioCycle Study*. National Institutes of Health 8/2007.

NICHD Merit Award, *For Innovative Planning and Dedication to the Successful Development of the First NICHD-IHDCYH Sponsored Summer Institute of Reproductive and Perinatal Epidemiology*. National Institutes of Health. 8/2005.

NICHD Merit Award, *For Mentoring Summer Students* – National Institutes Health. 12/2002.

Young Investigator Travel Award – International Society for Environmental Epidemiology. 8/2000.

Young Investigator Travel Award – International Biometrics Society. 7/2000.

Saxon Graham Award for Excellence in Epidemiological Research: Dissertation Award – University at Buffalo, State of New York. 1/1999.

Dean's Award: Finalist for Outstanding Research in Medical Sciences – University at Buffalo, State of New York. 1/1999 .

Student Travel Fellowship: Case Studies in Bayesian Statistics Workshop 4 – Carnegie Mellon University. 9/26/1997 – 9/27/1997.

Student Prize for Excellent Academic Performance: Second best GPA for graduating students in the University – Bank Hapoalim, Israel. 1990-1991.

Student Prize for Excellent Academic Performance: Second best GPA for graduating students in the Department of Statistics – Haifa University, Israel. 1990-1991.

Student Prize for Excellent Academic Performance: Best GPA for a second year student in the Department of Statistics – Haifa University, Israel. 1989-1990.

Student Prize for Excellent Academic Performance: Best GPA for a first year student in the Department of Statistics – Haifa University, Israel. 1988-1989.

Mentoring:

NIH Summer Interns

2002	<i>Brian Whitcomb</i>	Department of Epidemiology, University of Maryland Project Title: Relative concentrations of organochlorine pesticides and polychlorinated biphenyls in adipose tissue and serum of women of reproductive age
	<i>Eric Teoh</i>	Department of Statistics, University of Alabama Project Title: Sample size and power calculation in comparing diagnostic accuracy of biomarkers with pooled assessments. Co-mentored with A. Liu.
2003	<i>Brian Whitcomb</i>	Department of Epidemiology, University of Maryland Project Title: Causal inference in reproductive epidemiology.
	<i>Neil Perkins</i>	Department of Mathematics and Statistics, American University Project Title: Youden index under pooled samples. Co-mentored with A. Liu.
	<i>Howard Bondell</i>	Department of Statistics, Rutgers University Project Title: Statistical inference based on pooled data: A moment-based estimating equation approach. Co-mentored with A. Liu.
	<i>Zhu Yuan</i>	Department of Biostatistics, University of Virginia Project Title: On linear combinations of biomarkers to improve diagnostic accuracy. Co-mentored with A. Liu.
2005	<i>Sunni Mumford</i>	Department of Biostatistics, Harvard School of Public Health Project Title: ROC for markers subject to LOD and pooling.
2006	<i>Sunni Mumford</i>	Department of Biostatistics, Harvard School of Public Health Project Title: Youden index for markers subject to LOD and pooling.

2007	<i>Sunni Mumford</i>	Department of Epidemiology, University of North Carolina Project Title: Cholesterol and Menstrual Cycle Function.
2009	<i>Karen Schliep</i>	Department of Epidemiology, University of Utah Project Title: Caffeine Consumption and Menstrual Function
2010	<i>Karen Schliep</i>	Department of Epidemiology, University of Utah Project Title: Validation of Caffeine Consumption
2010	<i>Kristine Lynch</i>	Department of Epidemiology, University of Massachusetts Amherst Project Title: Comparison of ovulation detection algorithms
2014	<i>Kristen Johnson</i>	Department of Epidemiology, University of Southern Mississippi Project Title: Patterns of medication use across the menstrual cycle

NIH Intramural Research Training Award Fellows (IRTAs)

2003-05	<i>Leila Jackson</i> , PhD	Department of Epidemiology, Johns Hopkins University. IRTA Postdoctoral Fellow co-mentored with Dr Buck. Subsequent Position: Assistant Professor, Department of Epidemiology, Case Western Reserve University.
2003-06	<i>Brian Whitcomb</i> , BS	Department of Epidemiology, University of Maryland. IRTA Pre- Doctoral Fellow. Subsequent Position: IRTA Postdoctoral Fellow DESPR – <i>Eunice Kennedy Shriver</i> National Institute of Child Health & Human Development.
2003-07	<i>Neil Perkins</i> , MS	Department of Mathematics and Statistics, American University. IRTA Pre-Doctoral Fellow. <i>Eunice Kennedy Shriver</i> National Institute of Child Health and Human Development. Subsequent Position: IRTA Postdoctoral Fellow. <i>Eunice Kennedy Shriver</i> National Institute of Child Health & Human Development.
2004-06	<i>Michael Bloom</i> , PhD	Department of Social and Preventive Medicine, State University of New York at Buffalo. IRTA Postdoctoral Fellow, <i>Eunice Kennedy</i> <i>Shriver</i> National Institute of Child Health & Human Development. Subsequent Position: Assistant Professor of Epidemiology, State University of New York at Albany. (Awarded tenure in 2014).
2004-07	<i>Penelope Howards</i> PhD	Department of Epidemiology, University of North Carolina - Chapel Hill. IRTA Postdoctoral Fellow, <i>Eunice Kennedy Shriver</i> National Institute of Child Health & Human Development. Subsequent Position: Assistant Professor of Epidemiology, Emory University. (Awarded tenure in 2014).

2006-07 <i>Marcus Ruopp</i> , BS	Department of Mathematics, Yale University. IRTA Post-Baccalaureate Fellow, <i>Eunice Kennedy Shriver</i> National Institute of Child Health & Human Development. Subsequent Position: University of Massachusetts Medical Student.
2006-08 <i>Brian Whitcomb</i> , PhD	Department of Epidemiology and Preventive Medicine, University of Maryland. IRTA Postdoctoral Fellow, <i>Eunice Kennedy Shriver</i> National Institute of Child Health & Human Development. Subsequent Position: Assistant Professor of Epidemiology, Department of Epidemiology, University of Massachusetts at Amherst. (Awarded tenure in 2014).
2007-08 <i>Neil Perkins</i> , PhD	Department of Mathematics and Statistics, American University. IRTA Postdoctoral Fellow. Subsequent Position: Staff Scientist, <i>Eunice Kennedy Shriver</i> National Institute of Child Health & Human Development.
2007-08 <i>Leslie Rosenthal</i> , BA	Department of Mathematics, Emory University. IRTA Post-Baccalaureate Fellow, <i>Eunice Kennedy Shriver</i> National Institute of Child Health & Human Development. Subsequent Position: Graduate Student in Physiology at Georgetown University.
2008-10 <i>Audrey Gaskins</i> , BS	Pratt School of Engineering, Duke University. IRTA Post-Baccalaureate Fellow, <i>Eunice Kennedy Shriver</i> National Institute of Child Health & Human Development. Subsequent Position: PhD (Nutritional and Reproductive Epidemiology) Harvard University.
2008-09 <i>Sunni Mumford</i> , MS	Department of Epidemiology, University of North Carolina. IRTA Pre-Doctoral Fellow. Subsequent Position: IRTA Postdoctoral Fellow DESPR, <i>Eunice Kennedy Shriver</i> National Institute of Child Health & Human Development.
2008-10 <i>Edwina Yeung</i> , PhD	Department of Epidemiology, Johns Hopkins University, Bloomberg School of Public Health. IRTA Post-Doctoral Fellow Co-mentored with C. Zhang., <i>Eunice Kennedy Shriver</i> National Institute of Child Health & Human Development. Subsequent Position: Tenure Track Investigator, Epidemiology Branch, DESPR
2009-10 <i>Qian Zhang</i> , BS, BA	Department of Statistics, Mathematics and Biology. University of Chicago. ACC funded IRTA Post-Baccalaureate Fellow, <i>Eunice Kennedy Shriver</i> National Institute of Child Health & Human Development. Subsequent Position: MD-PhD (Biostatistics) University of Washington.
2009-10 <i>Anna Pollack</i> , MPH	Department of Epidemiology, Johns Hopkins University Bloomberg School of Public Health. ACC funded IRTA Pre-Doctoral Fellow, <i>Eunice Kennedy Shriver</i> National Institute of Child Health & Human Development.

2009-11 <i>Yaakov Malinovsky</i> , PhD	Department of Statistics, Hebrew University of Jerusalem. ACC funded IRTA Post-Doctoral Fellow. <i>Eunice Kennedy Shriver</i> National Institute of Child Health & Human Development. Subsequent Position: Tenure track Assistant Professor, Department of Statistics, UMBC.
2009-13 <i>Michelle Danaher</i> , PhD	Department of Statistics, University of Maryland at Baltimore County. IRTA Pre-Doctoral Fellow, <i>Eunice Kennedy Shriver</i> National Institute of Child Health & Human Development. Subsequent Position: Statistician, NHLBI
2009-11 <i>Sunni Mumford</i> , PhD	Department of Epidemiology, University of North Carolina. IRTA Post Doctoral Fellow, DESPR, <i>Eunice Kennedy Shriver</i> National Institute of Child Health & Human Development. Subsequent Position: Earl Stadtman Tenure Track Investigator, Epidemiology Branch, DESPR
2010-11 <i>Sonya Dasharathy</i> , BS	Department of Mathematics, Washington University in St. Louis. IRTA Post-Baccalaureate Fellow, <i>Eunice Kennedy Shriver</i> National Institute of Child Health & Human Development. Subsequent Position: New York University School of Medicine, Medical Student
2010-13 <i>Anna Pollack</i> , PhD	Department of Epidemiology, Johns Hopkins University Bloomberg School of Public Health. ACC funded IRTA Post-Doctoral Fellow, <i>Eunice Kennedy Shriver</i> National Institute of Child Health & Human Development. Subsequent Position: Tenure Track Assistant Professor George Mason University.
2011-12 <i>Amanda Filiberto</i> , BS	Department of Biology, Brown University. IRTA Post-Baccalaureate Fellow. <i>Eunice Kennedy Shriver</i> National Institute of Child Health & Human Development. Subsequent Position: Virginia Commonwealth University School of Medicine, Medical Student
2012-13 <i>Ankita Prasad</i> , BA	Department of Public Health, University of California: Berkeley. IRTA Post-Baccalaureate Fellow. <i>Eunice Kennedy Shriver</i> National Institute of Child Health & Human Development. Subsequent Position: Boston University, Masters Student in Medical Science.
2012-14 <i>Kerri Kissell</i> , MD	Fellowship, Reproductive and Adult Endocrinology. <i>Eunice Kennedy Shriver</i> National Institute of Child Health & Human Development.
2012-14 <i>Katherine Ahrens</i> , PhD	Department of Epidemiology, Boston University. IRTA Post-Doctoral Fellow, <i>Eunice Kennedy Shriver</i> National Institute of Child Health & Human Development. Subsequent Position: Pediatric and Perinatal Service Fellow, at the Centers for Disease Control and Prevention's (CDC) National Center for Health

Statistics (NCHS), Office of Analysis and Epidemiology, Infant, Child, and Women's Health Statistics Branch.

- 2013-14 *Rebecca Matyas*, BA Department of Community Health, Tufts University. IRTA Post-Baccalaureate Fellow. *Eunice Kennedy Shriver* National Institute of Child Health & Human Development. Subsequent Position: Johns Hopkins School of Medicine, Medical Student.
- 2013-15 *Emily Mitchell*, PhD Department of Biostatistics and Bioinformatics, Emory University. IRTA Post-Doctoral Fellow, *Eunice Kennedy Shriver* National Institute of Child Health & Human Development. Subsequent Position: Agency for Healthcare Research and Quality.
- 2013-15 *Shvetha Zarek*, MD Fellowship, Reproductive and Adult Endocrinology. *Eunice Kennedy Shriver* National Institute of Child Health & Human Development. Subsequent Position: Private practice obstetrician-gynecologist.
- 2014-15 *Robyn Kalwerisky*, BA Department of Arts and Humanities, University of Maryland College Park. IRTA Post-Baccalaureate Fellow. *Eunice Kennedy Shriver* National Institute of Child Health & Human Development. Subsequent Position: George Washington University, Medical Student
- 2014- *Rose Radin*, MPH, PhD Department of Epidemiology, Boston University. IRTA Post-Doctoral Fellow. *Eunice Kennedy Shriver* National Institute of Child Health & Human Development. Subsequent Position:
- 2015- *Chandra Swanson*, BS Trinity College of Arts and Sciences, Duke University, IRTA Post-Baccalaureate Fellow. *Eunice Kennedy Shriver* National Institute of Child Health & Human Development. Subsequent Position:

Dissertation Committee Member for non-IRTA Students:

2011	Karen Schliep, Ph.D.	Department of Epidemiology, University of Utah. Dissertation Title: Caffeine Consumption and Reproduction. Role: Committee Member (Main Advisor).
2011	Jeffrey Stratton, Ph.D.	Department of Statistics, University of Connecticut. Title: ROC curve with missing data. Role: Committee Member.
2011	Chin-Ying Ling, Ph.D.	Department of Biostatistics, University at Buffalo. Title: Youden Index Inference. Role: Committee Member.
2011	Anthony Nunes, Ph.D.	Department of Epidemiology, Brown University. Title: Design and analytic methods for time varying exposures in perinatal epidemiology. Role: External Reader.
2011	Alice David, B.A.	Department of Epidemiology, Robert Wood Johnson School of Public Health. Title: TBD. Role: Committee Member.
2012	Aldo Vera, Ph.D.	Escuela de Salud Publica, Universidad de Chile. Title: Role: Committee Member (Main Advisor)
2013	Claire Philippiat, Ph.D.	Team of Environmental Epidemiology Applied to Reproduction and Respiratory Health Inserm (National Institute of Health and Medical Research), Institute Albert Bonniot Inserm-University. Title: Biomarkers of exposure in environmental epidemiology; the case of the effects of prenatal exposure to phenols and phthalates on pre-and post-natal growth. Role: Committee Member
2013	Emily Mitchell, Ph.D.	Department of Biostatistics and Bioinformatics, Emory University. Title: Regression Models for a Continuous Outcome Subject to Pooling. Role: Committee Member
2015	Macarena Valdes, Ph.D.	Escuela de Salud Publica, Universidad de Chile. Title: Exposición prenatal a bajas concentraciones de arsénico inorgánico y su asociación con cortisol salival en infantes de Arica, Chile. Role: Committee Member

Awards Received by IRTA Fellows and Other Trainees:

Outstanding poster award. **Kalwerisky RA**, Mumford SL, Ye A, Sjaarda LA, Perkins NJ, Michels KA, Schliep KC, Zarek S, Plowden T, Radin R, Mitchell EM, **Schisterman EF**. A new meaning to “comfort food”? The association between dietary factors and symptoms of premenstrual syndrome. Postbacc Poster Day 2015. Bethesda, MD. May 2015.

Winner of ASA Section on Statistics in Epidemiology Young investigators Award. **Mitchell EM**, Lyles RH, Manatunga AK, Danaher M, Perkins NJ, **Schisterman EF**. Regression for skewed biomarker outcomes subject to pooling. Awarded travel scholarship to attend Joint Statistical Meetings. January 2015.

Travel Award. **Mitchell EM**. Society for Epidemiologic Research, SERdigital. Travel scholarship and invited presentation awarded to top 3 abstracts submitted to SERdigital, emphasizing the use of technology to solve epidemiological issues. 2014.

Winner of Fellows Award for Research Excellence (FARE). **Mitchell EM**. National Institutes of Health, Office of Intramural Training and Development. 2014.

Winner of Fellows Award for Research Excellence (FARE). **Ahrens, KA**. National Institutes of Health, Office of Intramural Training and Development. Awarded travel scholarship to attend Society for Maternal-Fetal Medicine's Annual Meeting in February 2014.

Travel Award. Ahrens, KA, **Schisterman EF**. Marginal structural models for continuous exposures in the longitudinal setting: An application in reproductive epidemiology. Society for Epidemiologic Research, Boston, MA, June 2013.

Outstanding poster award. Prasad A, Mumford SL, Buck Louis GM, Ahrens KA, Sjaarda L, Schliep KC, Perkins NJ, Wactawski-Wende J, **Schisterman EF**. Sexual activity and its effect on reproductive hormones and ovulation. Postbac Poster Day 2013, Bethesda, MD. May 2013.

Society for Pediatric and Perinatal Epidemiologic Research Student Prize Paper Award, Honorable Mention. **Pollack AZ**, Perkins NJ, Mumford SL, **Schisterman EF**. Correlated biomarker measurement error is an important threat to inference in environmental epidemiology, Minnesota, MN, June 2012.

International Biometric Society's Eastern North American Region Distinguished Student Paper Award. Spring Meeting, Washington, DC. **Danaher MR**, Roy A, Chen Z, Mumford SL, **Schisterman EF**. Minkowski-Weyl Priors for Models with Parameter Constraints: An Analysis of the BioCycle Study. Washington, DC. April 2012.

Society for Pediatric and Perinatal Epidemiologic Research Student Prize Paper Award, **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. Montreal, Canada. June 2011.

Congress of Epidemiology, Finalist, Stallones Student Prize Paper, **Pollack AZ**, Perkins NJ, Mumford SL, **Schisterman EF**. Correlated biomarker measurement error is an important threat to inference in environmental epidemiology, Montreal, Canada, June 2011.

Society for Epidemiologic Research First Place Student Poster Prize. **Danaher MR**, **Schisterman EF**, Roy A, Albert P. Gene Environment Interaction by Pooling Biospecimens. Society for Epidemiological Research, Seattle, WA. June 2010.

Statistics in Epidemiology Young Investigator Travel Award. **Harel O**, **Schisterman EF**, Vexler A and Roupp MD. Monitoring Quality Control: Can We Get Better Data? American Statistical Associations, Denver Colorado, 2008.

Society for Epidemiologic Research First Place Poster Prize. **Perkins NJ**, **Schisterman EF** and Vexler A. Generalized ROC Curve Inference for a Biomarker subject to a Limit of Detection and Measurement Error. Society for Epidemiological Research, Chicago, IL. June, 2008.

The Society for Pediatric and Perinatal Epidemiologic Research selected the paper by **Bloom M**, **Schisterman EF** and Hediger M. Selecting controls is not selecting 'normals': design and analysis issues for studying the etiology of PCOS as the student prize paper winner, 2006.

Fertility and Sterility selected the paper by **Bloom M, Schisterman EF** and Hediger M. Selecting controls is not selecting 'normals': design and analysis issues for studying the etiology of PCOS for outstanding contribution to the Journal, 2006.

Society for Epidemiologic Research Poster Student Prize. **Whitcomb BW, Schisterman EF** and Hu J. Limit of detection bias and the correction of variance estimates. Society for Epidemiological Research (Annual Meeting), Salt Lake City, UT. June, 2004.

Publications:

Peer Reviewed Publications

1. Dorn JP, **Schisterman EF**, Winkelstein W Jr, Trevisan M. Body mass index and mortality in a general population sample of men and women: The Buffalo Health Study. *American Journal of Epidemiology* 1997; 146:919-931. PMID:9400333
2. Moysich KB, Ambrosone CB, Vena JE, Shields PG, Mendola P, Kostyniak P, Greinzerstein H, Graham S, Marshall JR, **Schisterman EF**, Freudenheim JL. Environmental organochlorine and postmenopausal breast cancer risk. *Cancer Epidemiology, Biomarkers and Prevention*; 1998; 17:181-188. PMID:9521429
3. Mendola P, Moysich KB, Freudenheim JL, Shields PG, **Schisterman EF**, Graham S, Marshall JR, Vena JE, Ambrosone CB. Risk of recurrent spontaneous abortion, cigarette smoking, and genetic polymorphisms in NAT2 and GSTM1. *Epidemiology* 1998; 9:666-668. PMID:9799179
4. Moysich KB, Shields PG, Freudenheim JL, **Schisterman EF**, Vena JE, Kostyniak P, Greinzerstein H, Marshall JR, Graham S, Ambrosone CB. Polychlorinated biphenyls, cytochrome P4501A1 polymorphism and postmenopausal breast cancer. *Cancer Epidemiology, Biomarkers and Prevention* 1999; 8:41-44. PMID:9950238
5. Moysich KB, Mendola P, **Schisterman EF**, Freudenheim JL, Ambrosone CB, Vena JE, Kostyniak P, Greinzerstein H, Graham S, Marshall JR. An evaluation of proposed frameworks for grouping Polychlorinated Biphenyl congener data into meaningful analytic units. *American Journal of Industrial Medicine* 1999; 35:223-231. PMID:9987555
6. Dorn JP, Cerny FJ, Epstein LH, Naughton J, Vena JE, Winkelstein W Jr., **Schisterman EF**, Trevisan M. Physical activity and mortality in a general population sample of men and women: The Buffalo Health Study. *Annals of Epidemiology* 1999; 9:366-373. PMID:9400333
7. Moysich KB, Freudenheim JL, Baker J, Ambrosone CB, Bowman ED, **Schisterman EF**, Vena JE, Shields PG. Apolipoprotein E genetic polymorphism, serum lipoproteins and breast cancer risk. *Molecular Carcinogenesis* 2000; 27: 2-9. PMID:10642431
8. Buck GM, Vena JE, **Schisterman EF**, Dmochowski J, Mendola P, Sever LE, Fitzgerald E, Kostyniak P, Greizerstein H, Olson J. Paternal consumption of contaminated sport fish from lake Ontario and predicted fecundability. *Epidemiology* 2000; 11:388-393. PMID:10874544
9. Buck GM, Msall ME, **Schisterman EF**, Rogers BT. Extreme prematurity and school outcomes: social and biomedical risks in the surfactant era. *Paediatric and Perinatal Epidemiology* 2000; 14:324-331. PMID: 11101019

10. Berman DS, Kang X, **Schisterman EF**, Gerlach J, Kavanagh PB, Areeda, JS, Sharir T, Hayes SW, Shaw LJ, Lewin HC, Friedman JD, Miranda R, Germano G. Serial changes on quantitative myocardial perfusion SPECT in patients undergoing revascularization or conservative therapy. *Journal of Nuclear Cardiology* 2001; 8:428-437. PMID:11481564
11. Trevisan M, **Schisterman E**, Menotti A, Farchi G, Conti S. Drinking pattern and mortality: the Italian risk factor and life expectancy pooling project. *Annals of Epidemiology* 2001; 11:312-319. PMID:11399445
12. **Schisterman EF**, Faraggi D, Reiser B, Trevisan M. Statistical inference for the area under the ROC curve in the presence of random measurement error. *American Journal of Epidemiology* 2001; 154:174-179. PMID:11447052
13. Berman DS, **Schisterman EF**, Miranda R, Friedman JD, Hayes SW, Lewin HC, Germano G. Nuclear cardiology and electron beam computed tomography: competitive or complementary? *American Journal of Cardiology* 2001; 88:51-55. PMID:11473748
14. **Schisterman EF**, Faraggi D, Browne R, Freudenheim J, Dorn J, Muti P, Armstrong D, Reiser B, Trevisan M. TBARS and cardiovascular disease in a population-based sample. *Journal of Cardiovascular Risk* 2001; 8:1-7. PMID:11551000
15. **Schisterman EF**, Rotnitzky A. Estimation of the mean of a K-sample U-statistic with missing outcomes and auxiliaries. *Biometrika* 2001; 88:713-722.
16. **Schisterman EF**. Statistical correction of the area under the ROC curve in the presence of random measurement error and applications to biomarkers of oxidative stress. *Methods in Molecular Biology Protocols* 2002; 186:313-317. PMID:12013782
17. **Schisterman EF**. Statistical analysis: receiver operating characteristic and lipid peroxidation. *Methods in Molecular Biology Protocols* 2002; 196:343-352. PMID:12152214
18. **Schisterman EF**, Gallagher AM, Bairey-Merz CN, Whitcomb BW, Faraggi D, Moysich K, 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. PMID:12396895
19. **Schisterman EF**, Faraggi D, Browne R, Freudenheim J, Dorn J, Muti P, Armstrong D, Reiser B, Trevisan M. Minimal and best linear combination of oxidative stress and antioxidants biomarkers to discriminate cardiovascular disease. *Nutrition Metabolism and Cardiovascular Disease* 2002; 12:259-266. PMID:12616805
20. Rao MR, Naficy AB, Darwish MA, Darwish NM, **Schisterman EF**, Clemens JD, Edelman R. Further evidence for association of hepatitis C infection with parental schistosomiasis treatment in Egypt. *BMC Infectious Diseases* 2002; 2:29. PMID:1239974
21. Collins JJ, Cheng R, Buck GM, Zhang J, Klebanoff M, **Schisterman EF**, Scheffers T, Ohta H, Takaya K, Miyauchi H, Markowitz M, Divine B, Tsai S. The feasibility of conducting a reproductive outcome study of Chinese acrylonitrile workers. *Journal of Occupational and Environmental Medicine Collection in English* 2003; 1:29-32.

22. Shaw LJ, Raggi P, **Schisterman EF**, Berman DS, Callister TQ. Risk adjusted mortality by extent of coronary calcification. *Radiology* 2003; 228:826-833.
23. Faraggi D, Reiser B, **Schisterman EF**. ROC curve analysis for biomarkers based on pooled assessments. *Statistics in Medicine* 2003; 22:2515-2527. (Authorship in alphabetical order). PMID:12872306
24. Liu A, **Schisterman EF**. Comparison of diagnostic accuracy of biomarkers with pooled assessments. *Biometrical Journal* 2003; 45:631-644. (Authorship in alphabetical order).
25. **Schisterman EF**, Moysich KB, England L, Rao M. Estimation of the correlation coefficient using the Bayesian approach and its applications for epidemiologic research. *BMC Medical Research Methodology* 2003; 3:5. PMID:PMC155684
26. England L, Levine RJ, Qian C, Soule LM, **Schisterman EF**, Yu KF, Catalano PM. Smoking increases risk of gestational diabetes in nulliparous women. *American Journal of Epidemiology* 2004; 160:1205-1213.
27. Rao MR, Brenner R, **Schisterman EF**, Mills J. Long term cognitive development in children with prolonged crying. *Archives of Disease in Childhood* 2004; 89:989-992. PMID:PMC1719720
28. **Schisterman EF**, Faraggi D, Reiser B. Adjusting the generalized ROC curve for covariates. *Statistics in Medicine* 2004; 23:3319-3331. PMID:15490426
29. **Schisterman EF**, ¹Whitcomb BW. Coronary age as a risk factor in the modified Framingham risk score. *BMC Medical Imaging* 2004; 4:1. PMID:PMC415549
30. Levine RJ, Qian C., LeShane E, Yu K, England L, **Schisterman EF**, Romero R, Bianchi D. Two stage elevation of cell free fetal DNA in maternal sera before onset of pre-eclampsia. *American Journal of Obstetrics and Gynecology* 2004; 190:707-713. PMID:15042003
31. Levine RJ, Maynard SE, Qian C., Kee-Hak L, England L, Yu KF, **Schisterman EF**, Tadhani R, Zacks BP, Epstein FH, Sibai BH, Sukhatme ME, Karumanchi SA. Acute rise in circulating levels of sFLT-1 may herald preeclampsia. *New England Journal of Medicine* 2004; 350:672-83.
32. **Schisterman EF**, ¹Whitcomb BW. How sensitive is the Social Security Death index in determining mortality status? *Population Health Metrics* 2004; 2:2. (Authorship in alphabetical order).
33. Liu A, **Schisterman EF**, Teoh E. Sample size and power calculation in comparing diagnostic accuracy of biomarkers with pooled assessments. *Journal of Applied Statistics* 2004; 31:49-59. (Authorship in alphabetical order).
34. Liu A, **Schisterman EF**, Wu CQ. Nonparametric estimation and hypothesis testing on the partial area under receiver operating characteristic curves. *Communications in Statistics: Theory and Methods* 2005; 34:2077-2088. (Authorship in alphabetical order).
35. ¹Jackson LW, **Schisterman EF**, Dey-Rao R, Browne R, Armstrong D. Oxidative stress and endometriosis. *Human Reproduction* 2005; 20:2014-2020. PMID:15817589

36. Liu A, **Schisterman EF**, Mazumdar M, Hu J. Power and sample size calculation of comparative diagnostic accuracy studies with multiple correlated test results. *Biometrical Journal* 2005; 47:140-150. PMID:16389911
37. ¹Perkins NJ, **Schisterman EF**. The Youden index and the optimal cut-point corrected for measurement error. *Biometrical Journal* 2005; 47:428-441. PMID:16161802
38. **Schisterman EF**, ¹Whitcomb BW, Louis GMB, Louis TA. Lipid adjustment in the analysis of environmental contaminants and human health risks. *Environmental Health Perspectives* 2005; 113:853-857. PMID:1257645
39. Liu A, **Schisterman EF**, Zhu Y. On linear combinations of biomarkers to improve diagnostic accuracy. *Statistics in Medicine* 2005; 15:37-47. (Authorship in alphabetical order). PMID:15515132
40. Beste LA, England LJ, **Schisterman EF**, Qian C, Yu KF, Levine RJ. Pregnancy outcomes in smokers who develop preeclampsia. *Paediatric and Perinatal Epidemiology* 2005; 19:12-18. PMID:15670103
41. Buck GM, Weiner JM, ¹Whitcomb BW, Sperazza R, **Schisterman EF**, Lobdell DT, Crickard K, Greizerstein H, Kostyniak PJ. Environmental PCB exposure and risk of endometriosis. *Human Reproduction* 2005; 20:279-285. PMID:15513976
42. **Schisterman EF**, ¹Perkins N, Liu A and ¹Bondell H. Optimal cut-point and its corresponding Youden index to discriminate individuals using pooled blood samples. *Epidemiology* 2005; 16:73-81. PMID:15613948
43. Buck GM, **Schisterman EF**, Dukic VM, Schieve LA. Research hurdles complicating the analysis of infertility treatment on child health. *Human Reproduction* 2005; 20:12-18. PMID:15489239
44. ¹Whitcomb 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. PMID:21783478
45. Liu A, **Schisterman EF**, Wu C. Multistage evaluation of measurement error in a reliability study. *Biometrics* 2006; 62:1190–1196. PMID:17156294
46. Hernández-Díaz S, **Schisterman EF**, Hernán MA. The birth weight “paradox” uncovered. *American Journal of Epidemiology* 2006; 164:1115-20. PMID:16931543
47. ¹Vexler, A; Liu, A; and **Schisterman EF**. Efficient design and analysis of biospecimens with measurements subject to detection limit. *Biometrical Journal* 2006; 48:780-91. PMID:17094343
48. Rotnitzky A, Faraggi D, **Schisterman EF**. Doubly robust estimators of the area under the receiver operating characteristic curve in the presence of verification bias. *Journal of the American Statistical Association: Theory and Methods* 2006; 101:1275-1288.

49. ¹Mumford SL, **Schisterman EF**, ¹Vexler A, Liu A. Pooling biospecimens and limits of detection: effects on ROC curve analysis. *Biostatistics* 2006; 7:585-598. PMID:16531470
50. ¹Vexler A, Liu A, **Schisterman EF**, Wu C. A note on distribution-free estimation of maximum linear separation of two multivariate distributions. *Journal of Nonparametric Statistics* 2006; 18:145-158.
51. ¹Perkins NJ, **Schisterman EF**. The inconsistency of “optimal” cut-points using two ROC based criteria. *American Journal of Epidemiology* 2006; 163:670-675.
52. ¹Bloom MS, **Schisterman EF**, Hediger ML. Selecting controls is not selecting ‘normals’: design and analysis issues for studying the etiology of PCOS. *Fertility and Sterility* 2006; 86:1-12. PMID:16750830
53. Ness RB, Smith KJ, Chang CC, **Schisterman EF**, Bass DC, and the gynecologic infection follow-through (GIFT) investigators. Prediction of pelvic inflammatory disease among young, single, sexually active women. *Sexually Transmitted Diseases* 2006; 33:137-142. PMID:16505735
54. Buck Louis G, Dukic VH, Heagerty PJ, Louis TA, Lynch CD, Ryan LM, **Schisterman EF**, Trumble A and the Pregnancy Modeling Working Group. Analysis of repeated pregnancy outcomes. *Statistical Methods in Medical Research* 2006; 15(2): 103-26. (Authorship in alphabetical order). PMID:16615652
55. **Schisterman EF**, ¹Vexler A, ¹Whitcomb BW, Liu A. The limitations due to exposure detection limits for regression models. *American Journal of Epidemiology* 2006; 163:374-383. PMCID: PMC1408541
56. **Schisterman EF**, Faraggi D, Reiser B. Estimation of the ROC curve for compound distributions. *Statistics in Medicine* 2006; 25:623–638.
57. ¹Bloom MS., **Schisterman EF**, Hediger ML. The use and misuse of matching in case-control studies: the example of polycystic ovary syndrome. *Fertility and Sterility* 2007; 88:707-10. PMCID: PMC2040105
58. England EJ., Grauman A., Qian C., Wilkins DG., **Schisterman EF**, Yu KF., Levine RJ. Misclassification of maternal smoking status and its effects on an epidemiologic study of pregnancy outcomes. *Nicotine and Tobacco Research* 2007; 9:1005-13. PMID:17852766
59. ¹Howards P, **Schisterman EF** and Heagerty P. Potential confounding by exposure history and prior outcomes. *Epidemiology* 2007; 18:544-51. PMID:17879426
60. ¹Bloom MS, Buck Louis GM, **Schisterman EF**, Liu A, Kostyniak PJ. Maternal serum polychlorinated biphenyl concentrations across critical windows of human development. *Environmental Health Perspectives* 2007; 115:1320-4. PMCID: PMC1964915
61. ¹Bondell H, Liu A, **Schisterman EF**. Statistical inference based on pooled data: a moment-based estimating equation approach. *Journal of Applied Statistics* 2007; 34: 129–140.

62. ¹Whitcomb BW, **Schisterman EF**, Klebanoff MK, Flaws JA, Luo X, Chegini N. Circulating cytokine levels in pregnancy: thrombopoietin is elevated in spontaneous abortion. *American Journal of Epidemiology* 2007; 166:323-331.
63. **Schisterman EF** and ¹Perkins N. Confidence intervals for the Youden index and corresponding optimal cut-point. *Communications in Statistics: Simulations and Computations* 2007; 36: 549–563.
64. ¹Perkins, NJ; **Schisterman EF**, ¹Vexler A. ROC curve inference from a sample with a limit of detection. *American Journal of Epidemiology* 2007; 165:325-33. PMID:17110640
65. Liu A, Wu C, **Schisterman EF**. Nonparametric sequential evaluation of diagnostic biomarkers. *Statistics in Medicine* 2008; 27:1667-1678. PMID: PMC2749252
66. Browne RW, ¹Bloom MS, **Schisterman EF**, Hovey K, Wu C, Wactawski-Wende J and Trevisan M. The BioCycle study: analytical and biological variation of biomarkers of oxidative stress during the menstrual cycle. *Biomarkers* 2008; 13:160-183. PMID: PMC2504010
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¹ Primary mentor of post-baccalaureate/predocotrinal/postdoctoral fellow

Invited Commentaries

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Non-Peer Reviewed Publications

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2. Shechter M and **Schisterman EF**. Supply for Private Medical Service, Technical Report, Haifa University 1991. (in Hebrew)
3. **Schisterman EF**. Socialization of Medical Services. Technical Report, Statistical Consulting Unit, Haifa University, 1992. (in Hebrew)
4. **Schisterman EF**. Efficient Utilization of Free Time. Technical Report, Statistical Consulting Unit, Haifa University, 1992. (in Hebrew)
5. **Schisterman EF**. Elections for Prime Minister in Israel. Technical Report, Statistical Consulting Unit, Haifa University, Maariv Newspaper and Hadashot Newspaper, 1992. (in Hebrew)

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Papers and Invited Commentaries Under Review

1. Mitchell, E.M., and **Schisterman, E.F.** A Brief Note on Extending a Regression Calibration Approach to a Log-transformed, Pooled Exposure.
2. Mitchell, E.M. and **Schisterman, E.F.** Pushing limits and Shifting Paradigms: Re-thinking the Limit of Detection to Improve Prevalence Estimates.
3. Mumford SL, Silver RM, Sjaarda LA, Wactawski-Wende J, Townsend JM, Lynch AM, Galai N, Leshner LL, Faraggi D, Perkins NJ, Schliep KC, Zarek SM, **Schisterman EF.** A randomized clinical trial of preconception low dose aspirin and pregnancy loss.
4. **Schisterman EF,** Perkins NJ, Mumford SL, Ahrens KA, Mitchell EM. Collinearity and causal diagrams—a lesson on the importance of model specification. *Epidemiology.* (In press).
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6. Schliep KC, **Schisterman EF,** Wactawski-Wende J, Perkins NJ, Radin RG, Zarek SM, Mitchell EM, Sjaarda LA, Mumford SL. Serum caffeine and paraxanthine and menstrual cycle function.

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Letters

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2. **Schisterman EF,** Buck GM, Lynch CD. Is there an appropriate control group for assessing potential developmental toxicity of assisted reproductive technologies? *Fertility and Sterility* 2003; 80:1537-1538.
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Book Chapters

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Technical Documents

1. **Schisterman EF**. Bayesian Assessment of Assumptions: Effects of Non-Normality on Inferences about a Population Mean with Generalizations. Masters Thesis. Department of Statistics, University at Buffalo, State of New York, 1995.
2. **Schisterman EF**. The Use of Lipid Peroxidation and Antioxidant Biomarkers as a Tool for Early Detection and Prevention of Heart Disease – A Receiver Operating Characteristic Approach with Error in Measurement. Doctoral Dissertation. Department of Social and Preventive Medicine, University at Buffalo, State of New York, 1999.
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