Mark A. Klebanoff, MD, MPH

Current Position: Professor of Pediatrics
The Ohio State University College of Medicine

Principal Investigator IV
The Research Institute at Nationwide Children's Hospital

Address: 700 Children's Drive, Room W285
Columbus, Ohio 43205
(614) 355-3081
(614) 355-3455 (fax)
Mark.Klebanoff@nationwidechildrens.org

Education:

1983 M.P.H., Johns Hopkins University School of Hygiene and Public Health
1979 M.D., Johns Hopkins University School of Medicine
1976 A.B. (human biology, with honors), Johns Hopkins University

Training and Experience:

1999 - 2008 Director, Division of Epidemiology, Statistics and Prevention Research, NICHD

April-July, 2005 Visiting Scientist, Maternal and Infant Health Branch, Centers for Disease Control and Prevention

1999 – 2010 Senior Biomedical Research Service, NIH

1998 - 1999 Acting Director, Division of Epidemiology, Statistics and Prevention Research, NICHD

1987 - 2010 Senior Investigator, Epidemiology Branch, NICHD, NIH

1985 - 1987 Senior Staff Fellow, NICHD

1982 - 1985 Epidemiology Staff Fellow, NICHD

1979 - 1982 Pediatric Intern and Resident, University of Rochester, Rochester, New York

Medical Certification:

Diplomate: National Board of Medical Examiners, 1980

Specialty Certification: American Board of Pediatrics, 1984
Licensure: New York and Maryland

Teaching: (since 2000):

Senior Faculty Associate, Department of Population and Family Health Sciences, Johns Hopkins Bloomberg School of Public Health, 1998-present

Pregnancy Outcome Across Generations: Guest Lecture in Reproductive and Perinatal Epidemiology, Johns Hopkins Bloomberg School of Public Health, 2001

Reviewer of Student Presentations, STD Prevention: Using Epidemiology to inform policy and program. Johns Hopkins Bloomberg School of Public Health, 2005

1st Summer Institute in Reproductive and Perinatal Epidemiology. Jointly sponsored by the National Institute of Child Health and Human Development and the Canadian Institute for Health Research, Woods Hole, Massachusetts, July 2005

2nd Summer Institute in Reproductive and Perinatal Epidemiology. Jointly sponsored by the National Institute of Child Health and Human Development and the Canadian Institute for Health Research, Cambridge, Maryland, July-August 2006

3rd Summer Institute in Reproductive and Perinatal Epidemiology. Jointly sponsored by the National Institute of Child Health and Human Development and the Canadian Institute for Health Research, Bromont, Quebec, July-August 2007

4th Summer Institute in Reproductive and Perinatal Epidemiology. Jointly sponsored by the National Institute of Child Health and Human Development and the Canadian Institute for Health Research, Burlington, Vermont, July 2008

5th Summer Institute in Reproductive and Perinatal Epidemiology. Jointly sponsored by the National Institute of Child Health and Human Development and the Canadian Institute for Health Research, Val David, Quebec, July 2009

6th Summer Institute in Reproductive and Perinatal Epidemiology. Jointly sponsored by the National Institute of Child Health and Human Development and the Canadian Institute for Health Research, St. Michaels, Maryland, July 2010

Visiting Professor, Departments of Epidemiology and Obstetrics and Gynecology, University of North Carolina, Chapel Hill, North Carolina, February 2010.

Workshops presented:
Design and Conduct of Randomized Clinical Trials
Latin American Congress of Perinatology, Buenos Aires, Argentina, August, 2001
Pediatric Academic Societies' Meeting, Baltimore, Maryland, May 2001
Society for Maternal-Fetal Medicine, New Orleans, Louisiana, February 2004
Society for Maternal Fetal Medicine, Reno, Nevada, February 2005
Pediatric Academic Societies, Washington DC, May 2005
Pediatric Academic Societies, San Francisco, California, May 2006
Society for Maternal Fetal Medicine, San Francisco, California, February 2007
NICHD Global Network, February 2007
Pediatric Academic Societies, Toronto, May 2007
Society for Maternal Fetal Medicine, San Francisco, California, February 2009
Pediatric Academic Societies, Baltimore, Maryland, May 2009

Analysis of Publicly-Available Data, Society for Maternal Fetal Medicine, San Diego, California February 2009.

Doctoral Student Thesis Committees:

Jan 2000:	External reader, dissertation of Cora MacPherson, George Washington University Department of Epidemiology and Biostatistics
Sep 2007:	Committee member, Rebecca Brotman, Johns Hopkins Bloomberg School of Public Health, Department of Epidemiology

Scientific Review Service: (since 2000)

<u>*Ad hoc* Journal Reviewer</u>

Ambulatory Pediatrics, American Journal of Clinical Nutrition, American Journal of Industrial Medicine, American Journal of Obstetrics and Gynecology, Annals of Epidemiology, Archives of Pediatric and Adolescent Medicine, Biomed Central, Circulation, Clinical Infectious Diseases, CMA Journal, Environmental Health Perspectives, Epidemiology, European Journal of Obstetrics and Gynaecology and Reproductive Biology, European Journal of Public Health, Genetics in Medicine, International Journal of Cancer, International Journal of Epidemiology, International Journal of Obstetrics and Gynecology, JAMA, International Journal of Women's Health, Journal of Pediatrics, Journal of Women's Health, the Lancet, Maternal and Child Health Journal, Medscape WebMD, New England Journal of Medicine, Obstetrics and Gynecology**,** Paediatric and Perinatal Epidemiology, Pediatric Research, Pediatrics, Sexually Transmitted Diseases.

<u>Extramural Grant Review:</u>

Federal:

Chair and Ad Hoc Reviewer, Special Emphasis Panel, Persistent Organic Pollutants and Male Anogenital Distance. National Institute of Environmental Health Sciences, RFP-NIH-ES-00-27, 2000.

Ad Hoc Reviewer, Special Emphasis Panel, Pediatric Pharmacology Network. National Institute of Child Health and Human Development, RFP-NIH-NICHD-2004-20, 2004.

Ad Hoc Reviewer, NIH Challenge Grants, 2009

International:
Program Project Grant in the Epidemiology of Preterm Birth, Institute of Human Development, Child and Youth Health, Canadian Institutes of Health Research, 2005

Ad Hoc Reviewer, Clinical Trial of Vaginal Progesterone to Prevent Recurrent Preterm Birth, British Medical Research Council, 2005

Ad Hoc Reviewer, Postdoctoral Award, Alberta Centre for Child, Family and Community Research, 2009

Foundations:
Study Section Member, Perinatal Epidemiology Research Initiative, March of Dimes Birth Defects Foundation, 2001.

Ad Hoc Review, March of Dimes Birth Defects Foundation, 2002.

Study Section Member, Perinatal Epidemiology Research Initiative, March of Dimes Birth Defects Foundation, 2003

Ad Hoc Review, Thrasher Research Foundation, 2005

Study Section Member, Genetic Association Information Network, The NIH Foundation, 2006.

Editorial Service and Membership of Learned Societies:

Editorial Board, American Journal of Epidemiology, 2000- present
Acting Editor-in-Chief, American Journal of Epidemiology, October-November 2002, November 2005, August 2006, September 2008, June-July 2009, January 2011.
Contributing Editor, Yearbook of Neonatal and Perinatal Medicine, 2008
Society for Epidemiologic Research, 1986-present
Society for Pediatric Research, 1988- present
Society for Pediatric and Perinatal Epidemiologic Research, 1989-present;
President, 1998-1999
American College of Epidemiology, Fellow, 1994-present
American Epidemiological Society, 1997-present

American Pediatric Society, 2011-present

Professional Service: (since 2000)

Planning Committees and Activities Pursuant to Annual Meetings:
Abstract Review, Neonatal Epidemiology and Follow-up. Annual Meeting of the Pediatric Academic Societies, Baltimore, Maryland, May 2002

Moderator, Poster Symposium on Neonatal Epidemiology and Follow-up. Annual Meeting of the Pediatric Academic Societies, Baltimore, Maryland, May 2002

Co-organizer, Workshop on Psychosocial Stress in Pregnancy and Infancy. National Children's Study, Bethesda, Maryland, August 2003

Abstract Review, Annual Meetings of the Society for Epidemiologic Research, 2005-2009

Judge, Poster Session, Annual Meeting of the Society for Epidemiologic Research, Chicago, Illinois, 2008

Abstract Review, Annual Meetings of the Society for Pediatric and Perinatal Epidemiologic Research, 2000-2010

Abstract Review, Annual Meetings of the Society for Maternal Fetal Medicine, 2005-2010

Spotlight Session Coordinator: Reproductive Epidemiology. Annual Meeting of the Society for Epidemiologic Research, Toronto, Canada, June 2005

Judge, Fellows' Plenary Session, Annual Meeting of the Society for Maternal-Fetal Medicine, San Francisco, California, February 2007.

Abstract Review, Epidemiology, Annual Meeting of the Pediatric Academic Societies, Baltimore, Maryland, May 2009

Abstract Review, Neonatal Epidemiology and Follow-up, Annual Meeting of the Pediatric Academic Societies, Vancouver, British Columbia, May 2010

Spotlight Session Coordinator: Environmental Influences on Reproductive Outcomes. Annual Meeting of the Society for Epidemiologic Research, Anaheim, California, June 2009

Plenary Session Moderator: Emerging Environmental Issues in Perinatal and Child Health: Questions, Quandaries and Quagmires. Fifteenth Annual Maternal and Child Health Epidemiology Conference, Tampa, Florida, December 2009.

Abstract Review, Annual Meeting of the Society for Epidemiologic Research, Seattle, Washington, June 2010

Abstract Review, Annual Meeting of the Society for Pediatric and Perinatal Epidemiologic Research, Seattle, Washington, June 2010

Abstract Review, Annual Meeting of the Society for Maternal-Fetal Medicine, San Francisco, February 2011

Abstract Review, Annual Meeting of the Society for Epidemiologic Research, Montreal, Quebec Canada, June 2011

Abstract Review, Annual Meeting of the Society for Pediatric and Perinatal Epidemiologic Research, Montreal, Quebec Canada, June 2011

Abstract Review, Annual Meeting of the Society for Maternal-Fetal Medicine, Dallas, February 2012

Committees, Advisory Boards and Other Professional Service:

Scholarly Committees:
NICHD Maternal-Fetal Medicine Unit Network, Steering Committee, 1986-2010
- Protocol Subcommittees
- Low dose aspirin to prevent preeclampsia
- Treatment of bacterial vaginosis and Trichomonas infections in pregnancy
- Use of 17-α-hydroxyprogesterone caproate to prevent preterm birth
- Follow-up of children exposed to 17-α-hydroxyprogesterone caproate
- Omega-3 fatty acid supplementation to prevent preterm birth

National Children's Study Interagency Coordinating Committee, 1999-2010.
- Liaison to the Study Design, and Pregnancy and the Infant Working Groups, 2001-2004

National Institute of Child Health and Human Development Neonatal Research Network Advisory Board, 2000- 2010

Scientific Advisory Committee for the March of Dimes Perinatal Epidemiological Research Program, 2000-2002

March of Dimes Scientific Advisory Committee on Prematurity, 2002-present

Panel Member, Workshop on the EPA's Assessment Factors for Evaluating Data Quality. National Research Council, The National Academies, January 2002

External Advisory Committee for the Creation of an Intramural Epidemiologic Research Program, National Institute of Allergy and Infectious Diseases, 2005

Data and Safety Monitoring Committee: Preventing pregnancy malaria: mother infant outcomes, Division of Microbiology and Infectious Diseases, National Institute of Allergy and Infectious Diseases, 2006-2008

Howard Hughes Medical Institute-NIH Research Scholars Program Advisory Committee, 2006-2010

Program Review Site Visit Panel, Division of Birth Defects and Developmental Disabilities, Centers for Disease Control and Prevention, January 2007.

Scientific Advisory Board, Burroughs Wellcome Fund Research Consortium on Preterm Birth, 2007-2010

Scientific Advisory Committee, Seattle Children's Hospital Office for the Prevention of Stillbirth and Preterm Birth, 2008-2009 (Gates Foundation-funded project)

Workshop panelist, Future Directions of the National Birth Defects Prevention Study (NBDPS). National Center on Birth Defects and Developmental Disabilities, Centers for Disease Control and Prevention, September 2008.

Workshop panelist, Population-based Surveillance of Stillbirths: Definitions and Case Finding. National Center on Birth Defects and Developmental Disabilities, Centers for Disease Control and Prevention, October 2008.

Ad hoc reviewer, "Global report on preterm birth and stillbirth: Definitions, description of the burden, and opportunities to improve data" Global Alliance for the Prevention of Prematurity and Stillbirth, 2009.

External Reviewer, pilot grant, University of Michigan Departments of Epidemiology and Environmental Health, 2010.

Pregnancy-Associated Mortality Review Committee, Ohio Department of Health, 2010-2011

Issue Exploration Committee, Prevention in Women's Health. Oregon Evidence-Based Practice Center, funded by Agency for Health Care Research and Quality, 2011.

Program Review Site Visit Panel, Division of Analysis, National Center for Health Statistics, Centers for Disease Control and Prevention, November 2011-February 2012.

Service Committees:
NIH Epidemiology-Biostatistics Promotion and Tenure Review Board, 2000-2010

NICHD Professional Compensation Review Panel 2003-2008

Search Committee, Tenure Track Investigator, Nutritional Epidemiology Branch, National Cancer Institute, 2003 and 2005 (two committees)

Awards Committee, Coalition for Excellence in MCH Epidemiology, 2006-present

Search Committee, Director, Division of Reproductive Health, Centers for Disease Control and Prevention, 2008

Deputy Director for Intramural Research Representative to the NCI Nutritional Epidemiology Branch Site Visit of tenure track investigators, 2009.

Deputy Director for Intramural Research Representative to the NCI Radiation Epidemiology Branch Site Visit of tenure track investigators, 2010.

Nationwide Children's Hospital Intramural Funding Review Committee, 2010-present

Search Committee, Director of Biostatistics Core, The Research Institute at Nationwide Children's Hospital, 2011

Invited Talks and Seminars (since 2000)

New Uses for an Old Cohort- Recent Research from the Collaborative Perinatal Project. Environmental Protection Agency Seminar Series, Chapel Hill, North Carolina, July, 2000

Intergenerational Factors in Pregnancy Outcome. Symposium in honor of Dr. Niels Jorgen Secher, Copenhagen, Denmark, January, 2001

Epidemiology and Preterm Birth, Workshop on Environmental Causes of Infant Mortality. National Institute of Environmental Health Sciences, Research Triangle Park, North Carolina, May, 2001

Maternal Size at Birth and the Development of Hypertension During Pregnancy. Latin American Congress on Perinatology, Buenos Aires, Argentina, August, 2001

Preterm Birth - Epidemiologic Aspects. Latin American Congress on Perinatology, Buenos Aires, Argentina, August, 2001

Large Trials and Meta-Analysis of Small Trials. Latin American Congress on Perinatology, Buenos Aires, Argentina, August, 2001

Critical Analysis of New Technologies. Latin American Congress on Perinatology, Buenos Aires, Argentina, August, 2001

Antibiotics to Prevent Preterm Birth. STD Seminar, Johns Hopkins University, Baltimore, Maryland April, 2002

Antibiotics to Prevent Preterm Birth. NIH Clinical Center Grand Rounds, Bethesda, Maryland, April, 2002

Issues in Preterm Birth - The Role of Epidemiology. Scientific Advisory Board, March of Dimes Birth Defects Foundation, New York City, April, 2002

Caffeine and Spontaneous Abortion. Toxicology Forum, Aspen, Colorado, July, 2002

Caffeine and Spontaneous Abortion. Department of Epidemiology, University of Pittsburgh, March, 2003

17-alphayhydroxy Progesterone to Prevent Recurrent Preterm Birth. Workshop on Biomarkers for Preterm Delivery, Michigan State University, East Lansing, Michigan, March 2003

Caffeine and Human Reproduction. Scientific Rounds, Food and Drug Administration, Rockville, Maryland, April 2003

Antibiotics to Prevent Preterm Birth. Department of Epidemiology, Michigan State University, East Lansing, Michigan, April, 2003

New Prospects for the Prevention of Preterm Birth. Department of Health and Human Services Healthy Start Meeting, Washington, DC, September, 2003

The Epidemiologist's Perspective on Representative Sampling. National Children's Study, Workshop on Sampling, Crystal City, Virginia, March, 2004

Epidemiology of Preterm Birth. Centers for Disease Control, Atlanta, Georgia, March, 2004

Antibiotics and Biological Response Modifiers in the Prevention of Preterm Birth. Invited Speaker, Symposium on Infection/Inflammation and Preterm Birth, Society for Gynecologic Investigation, Houston, Texas, March, 2004

Obstetric and Neonatal Practice and Infant Mortality. State Infant Mortality Collaborative, Atlanta, Georgia, September, 2004

Moderately Preterm Infants: "Underprivileged Newborns?" Scientific Advisory Committee on Preterm Birth Prevention, March of Dimes Birth Defects Foundation, White Plains, New York, December, 2004

Health Disparities: Infant Mortality Epidemiology. NIH Academy, Bethesda, Maryland, January, 2005, December 2006, December 2008, December 2009

Surrogate and Composite Outcomes: Benefits, Limitations and Controversies. Perinatal Epidemiology Scientific Forum, Society for Maternal Fetal Medicine, Reno, Nevada, February 2005

An Editor's Perspective on Manuscripts. Annual Meeting of the Society for Epidemiologic Research, Toronto, Canada, June, 2005

Childhood Cancer in the Collaborative Perinatal Project. International Childhood Cancer Consortium, Rockville, Maryland, September, 2005

History of Epidemiology at NIH. NIAID External Epidemiology Review Panel, Bethesda, Maryland, October, 2005

Health Disparities: Infant Mortality Epidemiology. NIH Academy, Bethesda, Maryland, December, 2005

Neonatal Mortality, Morbidity, and Long-Term Outcomes After Cesarean by Request Versus Attempted Vaginal Delivery: a Decision Analysis. State of the Science Conference on Cesarean Delivery on Maternal Request, Bethesda, Maryland, March, 2006

The Role of Inflammation in Preterm Birth. Third International Preterm Labour Congress, Montreux, Switzerland, April, 2006

New Life in an Old Cohort: Recent Research from the Collaborative Perinatal Project. Grand Rounds, Department of Pediatrics, University of Minnesota, Minneapolis, Minnesota, May, 2006

National Children's Study Update. Children's Memorial Hospital, Northwestern University, Chicago, Illinois, July, 2006

A Promising Therapy to Prevent LBW: Progesterone therapy. Consensus Development Conference on How to Prevent Low Birth Weight. Calgary, Alberta, May, 2007

An Editor's Perspective on Manuscripts. Annual Meeting of the Society for Epidemiologic Research, Boston, Massachusetts, June, 2007

Estimating Gestational Age: Overview and Challenges. Population-based Surveillance of Stillbirths: Definitions and Case Finding. National Center on Birth Defects and Developmental Disabilities, Centers for Disease Control and Prevention, October 2008.

Research Career: Epidemiology at NIH. Panel on Careers in Epidemiology, Society for Epidemiologic Research Student Caucus, Anaheim California, June 2009.

Preterm Birth: Where We Are, and Where We Are Going. The Research Institute at Nationwide Children's Hospital, Ohio State University, Columbus, Ohio, October 2009.

Preterm Birth: Where We Are, and Where We Are Going. Grand Rounds, Department of Obstetrics and Gynecology, University of North Carolina, Chapel Hill, North Carolina, January 2010.

Preterm Birth: Where We Are, and Where We Are Going. Centers for Disease Control and Prevention, Atlanta, Georgia, February 2010.

Preterm Birth: Where We Are, and Where We Are Going. Grand Rounds, St. Luke's Roosevelt Hospital, New York, October 2010.

Current Role of Cohort Studies. Third Annual Meeting on Maternal and Infant Health Research, sponsored by Fundasamin (Foundation for Research on Maternal and Infant Helath), Buenos Aires, Argentina, November 2010.

The Relationship Between Health Research and the Community. Third Annual Meeting on Maternal and Infant Health Research, sponsored by Fundasamin, Buenos Aires, Argentina, November 2010.

Recurrent Preterm Delivery. Meeting of Obstetrics and Neonatology: a Perinatal Approach. Clinica y Maternidad Suizo Argentina, Buenos Aires, Argentina November 2010

Perinatal Origin of Adult Disease: A Critical Analysis. Meeting of Obstetrics and Neonatology: a Perinatal Approach. Clinica y Maternidad Suizo Argentina, Buenos Aires, Argentina November 2010

Tertiary Prevention of Preterm Birth. Meeting of Obstetrics and Neonatology: a Perinatal Approach. Clinica y Maternidad Suizo Argentina, Buenos Aires, Argentina November 2010

Preterm Birth and Stillbirth: Shared Causes and Risk Factors. March of Dimes State of the Science Meeting on Stillbirth and Preterm Birth. While Plains, New York January 2011.

Environmental Influences on the Developmental Origins of Health and Disease. Plenary Session of the Scientific Vision Workshop, Developmental Origins of Health and Disease, *Eunice Kennedy Shriver* National Institute of Child Health and Human Development, Bethesda, Maryland, February 2011.

What Journal Editors Look for in a Manuscript and in a Reviewer. Clinical and Translational Research Seminar Series, Nationwide Children's Hospital, Columbus, Ohio, March 2011.

The Ohio Perinatal Research Network: Collaboration Across Specialties and Institutions. Faculty Collaboration Forum, The Research Institute ad Nationwide Children's Hospital, Columbus, Ohio, April 2011.

Preterm Birth as a Life-Course Condition. Outstanding Invited Science by New Members Symposium, The American Pediatric Society, Denver, Colorado, May 2011.

Overview of the Fetal Origins of Health and Disease. Symposium "The Fetal Origins of Health and Disease: Concepts, Methods and Challenges". Annual Meeting of the Society for Epidemiologic Research, Montreal, Quebec Canada, June 2011.

Presentations at Scientific Meetings: (since 2000, as presenter)

Metronidazole treatment increased the risk of preterm birth in asymptomatic women with Trichomonas. Paper presented at the Annual Meeting of the Society for Pediatric and Perinatal Epidemiologic Research, Seattle, Washington, June, 2000

Maternal pre- and postnatal influences on fetal growth and duration of pregnancy. Poster presented at the Annual Meeting of the Society for Pediatric and Perinatal Epidemiologic Research Toronto, Ontario, Canada, June, 2001

Time course of recurrence and regression of bacterial vaginosis. Paper presented at the Annual Meeting of the Society for Pediatric and Perinatal Epidemiologic Research. Palm Springs, California, June, 2002

A pilot randomized trial of douching and bacterial vaginosis. Poster presented at the Annual Meeting of the Society for Gynecologic Investigation. Houston, Texas, March, 2004

Is bacterial vaginosis diagnosed earlier in pregnancy a stronger risk factor for preterm birth than bacterial vaginosis diagnosed later? Poster presented at the Annual Meeting of the Society for Pediatric and Perinatal Epidemiologic Research, Salt Lake City, Utah, June, 2004

Psychosocial stress and bacterial vaginosis: longitudinal and case-crossover analyses. Paper presented at the Annual Meeting of the Society for Pediatric and Perinatal Epidemiologic Research, Toronto Canada, June, 2005

Salivary progesterone and estriol concentrations at 16-20 weeks and risk of preterm birth. Poster presented at the Annual Meeting of the Society for Gynecologic Investigation, Toronto, Canada, March, 2006

Impact of 17α-hydroxyprogesterone caproate administration on salivary progesterone and estriol. Poster presented at the Annual Meeting of the Society for Maternal-Fetal Medicine, San Francisco, California, February, 2007

Impact of 17α-hydroxyprogesterone caproate administration on salivary progesterone and estriol. Poster presented at the Annual Meeting of the Society for Pediatric and Perinatal Epidemiologic Research, Boston, Massachusetts, June, 2007

Does Rapid Fetal Growth Precipitate Preterm Birth? Poster presented at the Annual Meeting of the Society for Pediatric and Perinatal Epidemiologic Research, Boston, Massachusetts, June, 2007

Use of Multiple Imputation in the Epidemiologic Literature. Poster presented at the Annual Meeting of the Society for Epidemiologic Research, Chicago, Illinois, June 2008.

Fish Consumption and Recurrent Preterm Birth. Poster presented at the Annual Meeting of the Society for Pediatric and Perinatal Epidemiologic Research, Anaheim, California, June 2009.

Personal Hygienic Behaviors and Bacterial Vaginosis. Poster presented at the Annual Meeting of the Society for Epidemiologic Research, Anaheim, California, June 2009.

Treatment of Gestational Diabetes, Weight Gain and Perinatal Outcome: Marginal Structural Model Analysis. Annual Meeting of the Society for Pediatric and Perinatal Epidemiologic Research; Annual Meeting of the Society for Epidemiologic Research, Montreal, Quebec Canada, June 2011.

Awards and Nominations:

Academic Awards:
Phi Beta Kappa, Johns Hopkins University, 1975
Graduation with Honors, Johns Hopkins University, 1976
Delta Omega (Public Health Honor Society), Johns Hopkins University, 1983

Professional Awards:
Public Health Service Special Recognition Award, U.S. Public Health Service. *For providing important insight into the effect on the fetus of maternal physical activity during pregnancy*. 1991

NIH Director's Award, National Institutes of Health. *For scientific accomplishments and vision in perinatal epidemiology and the pursuit of knowledge to ensure the health of mothers and infants.* 2001

Johns Hopkins University Society of Scholars, 2002

NIH Merit Award, National Institute of Child Health and Human Development. *For Innovative Planning and Dedication to the Successful Development of the first NICHD-IHDCYH Sponsored Summer Institute in Reproductive and Perinatal Epidemiology* (group award). October 12, 2005.

Advancing Knowledge Award. *Advancing knowledge in the field of Maternal and Child Health through Epidemiology and Research*. Coalition for Excellence in MCH Epidemiology. December 6, 2005

Nominations:
Nominated for the Douglas K. Richardson Award, Society for Pediatric Research, 2003 and 2004.

Mentoring:

NIH Intramural Research and Training Award (IRTA) Fellows

2004-2007
Anusha Hemachandra Streubel, MD, MPH. Postdoctoral IRTA Fellow. Present position: Assistant Professor of Pediatrics (Neonatology), University of Colorado Health Sciences Center, Denver.

2005-2007
Rebecca Brotman Miller, MPH. Predoctoral IRTA Fellow. Present position: Assistant Professor, Department of Epidemiology and Preventive Medicine, University of Maryland School of Medicine.

2009
Emily Zabor. Summer IRTA fellow. Present position: Master's student in Biostatistics, University of Minnesota.

2009- 2010
Marie E. Thoma. Predoctoral IRTA fellow, Johns Hopkins Bloomberg School of Public Health, Department of Population, Family and Reproductive Health.

Marie E. Thoma, PhD, Postdoctoral IRTA fellow.

2010-2011
KL2 Mentoring Committee for Abigail Norris Turner, PhD. Ohio State University, 2010-2011

Peer-Reviewed Manuscripts and Commentaries: (* Mentored student or fellow papers)

1. **Klebanoff MA**, Neff JM. Familial dysautonomia associated with recurrent osteomyelitis in a non-Jewish girl. *J Pediatr* 1980; 96:75-6.

2. **Klebanoff MA**, Graubard BI, Kessel SS, Berendes HW. Low birth weight across generations. *JAMA* 1984; 252:2423-7.

3. **Klebanoff MA**, Nugent RP, Rhoads GG. Coitus during pregnancy: Is it safe? *Lancet* 1984; 2:914-7.

4. **Klebanoff MA**, Berendes HW. Race, age, socioeconomic status and low birth weight. Contributed paper in Institute of Medicine: *Preventing Low Birth Weight*. Washington, D.C., National Academy Press, 1985.

5. **Klebanoff MA**, Mills JL, Berendes HW. Mother's birth weight as a predictor of macrosomia. *Am J Obstet Gynecol* 1985; 153:253-7.

6. **Klebanoff MA**, Koslowe PA, Kaslow R, Rhoads GG. The epidemiology of vomiting in early pregnancy. *Obstet Gynecol* 1985; 66:612-6.

7. Shiono PH, **Klebanoff MA**, Graubard BI, Berendes HW, Rhoads GG. Birth weight among women of different ethnic groups. *JAMA* 1986; 255:48-52.

8. Shiono PH, **Klebanoff MA**, Rhoads GG. Smoking and drinking during pregnancy: their effects on preterm birth. *JAMA* 1986; 255:82-4.

9. **Klebanoff MA**, Mills JL. Is vomiting during pregnancy teratogenic? *Br Med J 1986;* 292:724-6.

10. Shiono PH, **Klebanoff MA**, Berendes HW. Congenital malformations and maternal smoking during pregnancy. *Teratology* 1986; 34:65-71.

11. Shiono PH, **Klebanoff MA**. Ethnic differences in preterm and very preterm delivery. *Am J Public Health* 1986; 76:1317-21.

12. Kurinij N, **Klebanoff MA**, Graubard, BI. Dietary supplement and food intake in women of childbearing age. *J Am Diet Assoc* 1986; 86:1536-40.

13. Mills JL, Graubard BI, **Klebanoff MA**. Association of placenta praevia and sex ratio at birth. *Br Med J* 1987; 294:544.

14. **Klebanoff MA**, Yip R. Influence of maternal birth weight on rate of fetal growth and duration of gestation. *J Pediatr* 1987; 111:287-92.

15. **Klebanoff MA**, Berendes HW. Aspirin exposure during the first 20 weeks of gestation and IQ at four years of age. *Teratology* 1988; 37:249-55.

16. **Klebanoff MA**. Short interpregnancy interval and the risk of low birth weight. *Am J Public Health* 1988; 78:667-70.

17. **Klebanoff MA**, Shiono PH, Berendes HW, Rhoads GG. Facts and artifacts about anemia and preterm birth. *JAMA* 1989; 262:511-5.

18. **Klebanoff MA**, Meirik O, Berendes HW. Second generation consequences of small for dates birth. *Pediatrics* 1989; 84:343-7.

19. Shiono PH, **Klebanoff MA**. Bendectin and human congenital malformations. *Teratology* 1989; 40:151-5.

20. Villar J, **Klebanoff M**, Kestler E. The effect on fetal growth of protozoan and helminthic infection during pregnancy. *Obstet Gynecol* 1989; 74:915-20.

21. Shiono PH, **Klebanoff MA**, Carey JC. Midline episiotomy: more harm than good? *Obstet Gynecol* 1990; 75:765-70.

22. **Klebanoff MA**, Shiono PH, Rhoads GG. Outcomes of pregnancy in a national sample of resident physicians. *N Engl J Med* 1990; 323:1040-5.

23. Carey JC, **Klebanoff MA**, Regan JA, for the VIP Study Group. Evaluation of the Gram stain as a screening tool for maternal carriage of group B beta-hemolytic streptococci. *Obstet Gynecol* 1990; 76:693-7.

24. **Klebanoff MA**, Shiono PH, Carey JC, for the VIP Study Group. The effect of physical activity during pregnancy on preterm delivery and birth weight. *Am J Obstet Gynecol* 1990; 163:1450-6.

25. Mills JL, **Klebanoff MA**, Graubard BI, Carey JC, Berendes HW. Barrier contraceptive methods and preeclampsia. *JAMA* 1991; 265:70-3.

26. **Klebanoff MA**, Shiono PH, Selby JV, Trachtenberg AI, Graubard BI. Anemia and spontaneous preterm birth. *Am J Obstet Gynecol* 1991; 164:59-63.

27. Regan JA, **Klebanoff MA**, Nugent RP, for the VIP Study Group. The epidemiology of group B streptococcal colonization in pregnancy. *Obstet Gynecol* 1991; 77:604-10.

28. **Klebanoff MA**, Shiono PH, Rhoads GG. Spontaneous and induced abortion among resident physicians. *JAMA* 1991; 265:2821-5.

29. Shiono PH, **Klebanoff MA**. The effect of two mailing strategies on the response to a survey of physicians. *Am J Epidemiol* 1991; 134:539-42.

30. **Klebanoff MA**, Mednick BR, Schulsinger C, Secher NJ, Teasdale TW, Baker RL, Berendes HW. Second generation follow-up of the Danish perinatal atudy women: study design and factors affecting response. *Paediatr Perinat Epidemiol* 1993; 7:9-22.

31. Read JS*, **Klebanoff MA**, for the VIP Study Group. Sexual intercourse during pregnancy and preterm delivery: effects of vaginal microorganisms. *Am J Obstet Gynecol* 1993; 168:514-9.

32. **Klebanoff MA**, Read JS, Mills JL, Shiono PH. The risk of childhood cancer after neonatal exposure to vitamin K. *N Engl J Med* 1993; 329:905-8.

33. Sibai BM, Caritis SN, Thom E, **Klebanoff M**, McNellis D, Rocco L, et al. Prevention of preeclampsia with low-dose aspirin in healthy, nulliparous pregnant women. *N Engl J Med* 1993; 329:1213-8.

34. Romero R, Sibai B, Caritis S, Paul R, Depp R, Rosen M, **Klebanoff M**, Sabo V, Evans J, Cefalo R, McNellis D. Antibiotic treatment of preterm labor with intact membranes: a multicenter, randomized, double blinded, placebo-controlled trial. *Am J Obstet Gynecol* 1993; 169:764-74.

35. Newman TB, **Klebanoff MA**. Neonatal hyperbilirubinemia and long term outcome: Another look at the Collaborative Perinatal Project. *Pediatrics* 1993; 92:651-7.

36. Read JS*, Clemens JD, **Klebanoff MA**. Moderate low birth weight and infectious disease mortality during infancy and childhood. *Am J Epidemiol* 1994; 140:721-33.

37. Chew E, Remaley NA, Tamboli A, Zhao J, Podgor M, **Klebanoff M**. Risk factors for esotropia and exotropia. *Arch Ophthalmol* 1994; 112:1349-55.

38. Shiono PH, **Klebanoff MA**, Nugent RP, Cotch MF, Wilkins DG, Rollins DE, Carey JC, Behrman RE. The impact of cocaine and marijuana use on low birth weight and preterm birth: a multicenter study. *Am J Obstet Gynecol* 1995; 172:19-27.

39. Sibai BM, Gordon T, Thom E, Caritis SN, **Klebanoff M**, McNellis D, Paul RH. Risk factors for preeclampsia in healthy nulliparous women: a prospective multicenter study. *Am J Obstet Gynecol* 1995; 172:642-8.

40. **Klebanoff MA**, Shiono PH. Top down, bottom up, and inside out: reflections on preterm birth. *Paediatr Perinat Epidemiol* 1995; 9:125-9. (Peer-reviewed commentary)

41. **Klebanoff MA**, Regan JA, Rao AV, Nugent RP, Blackwelder WC, Eschenbach DA, et al. Outcome of the Vaginal Infections and Prematurity Study: results of a clinical trial of erythromycin among pregnant women colonized with group B streptococci. *Am J Obstet Gynecol* 1995; 172:1540-5.

42. Hillier SL, Nugent RP, Eschenbach DA, Krohn MA, Gibbs RS, Martin DH, Edelman R, Cotch MF, Pastorek J, Rao AV, McNellis D, Regan JA, Carey JC, **Klebanoff MA**. Association between bacterial vaginosis and preterm delivery of a low-birth-weight infant. *N Engl J Med* 1995; 333:1737-42.

43. Regan JA, **Klebanoff MA**, Nugent RP, Blackwelder WC, Eschenbach DA, Lou Y, et al. Colonization with group B streptococci in pregnancy and adverse outcome. *Am J Obstet Gynecol* 1996; 174:1354-60.

44. Goldenberg RL, **Klebanoff MA**, Nugent RP, Krohn MA, Hillier SL, Andrews WW. Bacterial colonization of the vagina during pregnancy in four ethnic groups. *Am J Obstet Gynecol* 1996; 174:1618-21.

45. Nagourney BA, Kramer MS, **Klebanoff MA**, Usher RH. Recurrent respiratory distress syndrome in successive preterm pregnancies. *J Pediatr* 1996; 129:591-6.

46. Levine RJ, Esterlitz JR, Raymond EG, DerSimonian R, Hauth JC, Curet LB, Sibai BM, Catalano PM, Morris CD, Clemens JC, Ewell MG, Friedman SA, Goldenberg RL, Jacobson S-L, Joffe GM, **Klebanoff MA**, Petrulis AS, Rigau JG. Trial of calcium for preeclampsia prevention (CPEP): Rationale, design and methods. *Controlled Clinical Trials* 1996; 17:442-69.

47. **Klebanoff MA**, Clemens JD, Read JS. Maternal smoking during pregnancy and childhood cancer. *Am J Epidemiol* 1996; 144:1028-33.

48. Read JS, Troendle JF, **Klebanoff MA**. Infectious disease mortality among U.S. infants. *Am J Public Health* 1997; 87:192-9.

49. **Klebanoff MA**, Schulsinger CS, Mednick BR, Secher NJ. Preterm and small-for-gestational age birth across generations. *Am J Obstet Gynecol* 1997; 176:521-6.

50. Levine RJ, Hauth JC, Curet LB, Sibai BM, Catalano PM, Morris CD, DerSimonian R, Esterlitz JR, Raymond EG, Bild DE, Clemens JD, Cutler JA, Ewell MG, Friedman SA, Goldenberg RL, Jacobson S-L, Joffe GM, **Klebanoff MA**, Petrulis AS. Trial of calcium to prevent preeclampsia. *N Engl J Med* 1997; 337:69-76.

51. Cotch MF, Pastorek JG, Nugent RP, Hillier SL, Gibbs RS, Martin DH, Eschenbach DA, Edelman R, Carey JC, Regan JA, Krohn MA, **Klebanoff MA**, Rao AV, Rhoads GG, for the VIP Study Group. Trichomonas vaginalis associated with low birth weight and preterm delivery. *Sex Transm Dis* 1997; 24:353-60.

52. Martin DH, Eschenbach DA, Nugent RP, Rao AV, **Klebanoff MA**, Lou Y, et al. Double-blind placebo-controlled treatment trial of Chlamydia trachomatis endocervical infections in pregnant women. *Inf Dis Obstet Gynecol* 1997; 5:10-17.

53. Sibai BM, Ewell M, Levine RJ, **Klebanoff MA**, Esterlitz J, Catalano PM, et al., for the CPEP Study Group. Risk factors associated with preeclampsia in healthy nulliparous women. *Am J Obstet Gynecol* 1997; 177:1003-10.

54. **Klebanoff MA**, Levine RJ, DerSimonian R, Clemens JD, Wilkins DG. Serum caffeine and paraxanthine as markers for reported caffeine intake in pregnancy. *Ann Epidemiol* 1998; 8:107-11.

55. Caritis SN, Sibai B, Hauth J, Lindheimer M, **Klebanoff M**, Thom L, et al. Low-dose aspirin to prevent preeclampsia in women at high risk. *N Engl J Med* 1998;338:701-5.

56. **Klebanoff MA**, Mednick BR, Schulsinger C, Secher NJ, Shiono PH. Father's effect on infant birth weight. *Am J Obstet Gynecol* 1998; 178:1022-6.

57. **Klebanoff MA**, Zemel BS, Buka S, Zierler S. Long term follow-up of participants in the Collaborative Perinatal Project: tracking the next generation. *Paediatr Perinat Epidemiol* 1998; 12:334-46.

58. **Klebanoff MA**, Levine RJ, Clemens JD, DerSimonian R, Wilkins DG. Serum cotinine concentration and self-reported smoking among pregnant women. *Am J Epidemiol* 1998; 148:259-62.

59. Hauth J, Sibai B, Caritis S, vanDorsten P, Lindheimer M, **Klebanoff M**, et al. Maternal serum thromboxane B2 concentrations do not predict improved outcomes in high risk pregnancies in a low-dose aspirin trial. *Am J Obstet Gynecol* 1998; 179:1193-9.

60. Henderson CE, Ownby D, **Klebanoff M**, Levine RJ. Stability of immunoglobulin E (IgE) in stored obstetric sera. *J Immun Methods* 1998; 213:99-101.

61. Sibai BM, Lindheimer M, Hauth J, Caritis S, VanDorsten JP, **Klebanoff M**, et al. Risk factors for preeclampsia, abruptio placentae, and adverse neonatal outcomes in women with chronic hypertension. *N Engl J Med* 1998; 339:667-71.

62. Caritis S, Sibai M, Hauth J, Lindheimer M, van Dorsten, P, **Klebanoff M**, et al. Predictors of preeclampsia in women at high risk. *Am J Obstet Gynecol* 1998; 179:946-51.

63. Longnecker MP, **Klebanoff MA**, Gladen BC, Berendes HW. Serial levels of serum organochlorines during pregnancy and postpartum. *Arch Env Health* 1999; 54:110-14.

64. Zhang J, **Klebanoff MA**, DerSimonian R. Epidural anesthesia in association with duration of labor and mode of delivery: a quantitative review. *Am J Obstet Gynecol* 1999; 180:970-7.

65. Overpeck MD, Hediger ML, Zhang J, Trumble AC, **Klebanoff MA**. Birth weight for gestational age of Mexican-American infants born in the United States. *Obstet Gynecol* 1999; 93:943-7.

66. **Klebanoff MA**, Secher NJ, Mednick BR, Schulsinger CS. Maternal size at birth and the development of hypertension during pregnancy: a test of the Barker hypothesis. *Arch Internal Med* 1999; 159:1607-12.

67. **Klebanoff MA**, Levine RJ, DerSimonian R, Clemens JD, Wilkins DG. Maternal serum paraxanthine, a caffeine metabolite, and the risk of spontaneous abortion. *N Engl J Med* 1999; 341:1639-44.

68. Hogg B, Hauth J, Caritis S, Sibai BM, Lindheimer M, vanDorsten P, MacPherson C, **Klebanoff M**, et al. Safety of labor epidural analgesia for women with severe hypertensive disease. *Am J Obstet Gynecol* 1999; 181:1096-1101.

69. Zhang J, **Klebanoff MA**, Levine RJ, Puri M, Moyer P. The puzzling association between smoking and hypertension during pregnancy. *Am J Obstet Gynecol* 1999; 181:1407-13.

70. Carey, JC, **Klebanoff MA**, Hauth JC, Hillier SL, Thom EA, Ernest JM, et al. Metronidazole to prevent preterm delivery in pregnant women with asymptomatic bacterial vaginosis. *N Engl J Med* 2000; 342:534-40.

71. Sibai BM, Caritis S, Hauth J, Lindheimer M, vanDorsten P, MacPherson C, **Klebanoff M**, et al. Risks of preeclampsia and adverse neonatal outcomes among women with pregestational diabetes mellitus. *Am J Obstet Gynecol* 2000; 182:364-369.

72. Sibai BM, Hauth J, Caritis S, Lindheimer MD, MacPherson C, **Klebanoff M**, et al. Hypertensive disorders in twin versus singleton gestations. *Am J Obstet Gynecol* 2000; 182:938-42.

73. Goldenberg RL, **Klebanoff MA**, Carey JC, Ernest J, Heine RP, MacPherson C, et al. Vaginal fetal fibronectin measurements from 8 to 22 weeks' gestation and subsequent spontaneous preterm birth. *Am J Obstet Gynecol* 2000; 183:469-75.

74. Sibai BM, Caritis SN, Hauth JC, MacPherson C, VanDorsten JP, **Klebanoff M**, et al. Preterm delivery in women with pregestational diabetes mellitus or chronic hypertension relative to women with uncomplicated pregnancies. *Am J Obstet Gynecol* 2000; 183:1520-4.

75. Zhang J, **Klebanoff MA**, Roberts JM. Prediction of adverse outcomes by common definitions of hypertension in pregnancy. *Obstet Gynecol* 2001; 97:261-7.

76. Zhang J**, Klebanoff MA**. Low blood pressure during pregnancy and poor perinatal outcomes: an obstetric paradox. *Am J Epidemiol* 2001; 153:642-6.

77. Zhang J, Brenner RA, **Klebanoff MA**. Differences in birthweight and blood pressure at age seven among twins. *Am J Epidemiol* 2001; 153:779-82.

78. Branch DW, Sibai BM, Hogg B, Lindheimer MD, **Klebanoff MA**, vanDorsten JP, et al. Antiphospholipid antibodies in women at risk for preeclampsia. *Am J Obstet Gynecol* 2001; 184:825-32.

79. Yancey MK, Zhang J, Schweitzer DL, Schwarz J, **Klebanoff MA**. Epidural analgesia and fetal head malposition at vaginal delivery. *Obstet Gynecol* 2001; 97:608-12.

80. **Klebanoff MA**, Levine RJ, Morris CD, Hauth JC, Sibai BM, Curet LB, et al. Accuracy of self-reported cigarette smoking among pregnant women in the 1990s. *Paediatr Perinat Epidemiol* 2001; 15:140-3.

81. Zhang J, Yancey MK, **Klebanoff MA**, Schwarz J, Schweitzer D. Does epidural analgesia prolong labor and increase the risk of Cesarean Delivery? A natural experiment. *Am J Obstet Gynecol* 2001; 185:128-34.

82. Longnecker MP, **Klebanoff MA**, Brock JW, Zhou H. Polychlorinated biphenyl serum levels in pregnant subjects with diabetes. *Diabetes Care* 2001; 24:1099-1101.

83. Longnecker MP, **Klebanoff MA**, Zhou H, Brock JW. Association between maternal serum concentration of the DDT metabolite DDE and preterm and small-for-gestational-age babies at birth. *Lancet* 2001; 358:110-14.

84. **Klebanoff MA**, Carey JC, Hauth JC, Hillier SL, Nugent RP, Thom EA, et al. Failure of metronidazole to prevent preterm delivery among pregnant women with asymptomatic *Trichomonas vaginalis* infection. *N Engl J Med* 2001; 345:487-93.

85. Goldenberg RL, **Klebanoff M**, Carey JC, MacPherson C for the NICHD MFMU Network. Metronidazole treatment of women with a positive fetal fibronectin test result. *Am J Obstet Gynecol* 2001; 185:485-6.

86. Cohen GR, Curet LB, Levine RJ, Ewell MG, Morris CD, Catalano PM, Clokey D, **Klebanoff MA**. Ethnicity, nutrition and birth outcomes in nulliparous women. *Am J Obstet Gynecol* 2001; 185:660-7.

87. Yancey MK, Zhang J, Schwarz J, Dietrich III CS, **Klebanoff MA**. Labor epidural analgesia and intrapartum maternal hyperthermia. *Obstet Gynecol* 2001; 98:763-70.

88. Buka SL, Tsuang MT, Torrey EF, **Klebanoff MA**, Wagner RL, Yolken RH. Maternal cytokine levels during pregnancy and adult psychosis. *Brain Behav Immun* 2001; 15:411-20.

89. Buka SL, Tsuang MT, Torrey EF, **Klebanoff MA**, Bernstein D, Yolken RH. Maternal infections and subsequent psychosis among offspring. *Arch Gen Psych* 2001; 58:1032-7.

90. **Klebanoff MA**, Levine RJ, Clemens JD, Wilkins DG. Maternal serum caffeine metabolites and small-for-gestational age birth. *Am J Epidemiol* 2002; 155:32-7.

91. Buchbinder A, Sibai BM, Caritis S, MacPherson C, Hauth J, Lindheimer MD, **Klebanoff M**, et al. Adverse perinatal outcomes are significantly higher in severe gestational hypertension than in mild preeclampsia. *Am J Obstet Gynecol* 2002; 186:66-71.

92. Longnecker MP, **Klebanoff MA**, Brock JW, Zhou H, Gray KA, Needham LL, Wilcox AJ. Maternal serum level of 1,1-dichloro-2,2-bis(p-chlorophenyl)ethylene and risk of cryptorchidism, hypospadias and polythelia among male offspring. *Am J Epidemiol* 2002; 155:313-22.

93. England LJ, Levine RS, Qian C, Morris CD, Sibai BM, Catalano PM, Curet LB, **Klebanoff MA**. Smoking before pregnancy and risk of gestational hypertension and preeclampsia. *Am J Obstet Gynecol* 2002; 186:1035-40.

94. SanGiovanni JP, Chew EY, Reed GF, Remaley NA, Bateman JB, Sugimoto TA, **Klebanoff MA**. Infantile cataract in the Collaborative Perinatal Project: prevalence and risk factors. *Arch Ophthalmol* 2002; 120:1559-65.

95. Berghella V, **Klebanoff M**, MacPherson C, Carey JC, Hauth JC, Ernest JM, et al., for the National Institute of Child Health and Human Development MFMU Network. Sexual intercourse association with asymptomatic bacterial vaginosis and *Trichomonas vaginalis* treatment in relation to preterm birth. *Am J Obstet Gynecol* 2002; 187:1277-82.

96. Longnecker MP, Zhou H, **Klebanoff MA**, Brock JW. An unexpected distribution of sodium concentration in serum specimens stored for more than 30 years. *Ann Epidemiol* 2003;13:178-81.

97. Daniels JL, Longnecker MP, **Klebanoff MA**, Gray KA, Brock JW, Zhou H, Chen Z, Needham, LL. Prenatal exposure to low-level polychlorinated biphenyls in relation to mental and motor development at eight months. *Am J Epidemiol* 2003; 157:485-92.

98. Hauth JC, MacPherson C, Carey JC, **Klebanoff MA**, Hillier SL, Ernest JM, et al. Early pregnancy threshold vaginal pH and Gram stain scores predictive of subsequent preterm birth in asymptomatic women. *Am J Obstet Gynecol* 2003; 188:831-35.

99. Branum AM, Collman GW, Correa A, Keim SA, Kessel W, Kimmel CA, **Klebanoff MA**, Longnecker MP, Mendola P, Rigas M, Selevan SG, Scheidt PC, Schoendorf K, Smith-Khuri E, Yeargin-Allsopp M. The National Children's Study of Environmental Effects on Child Health and Development. *Environ Health Perspect* 2003; 111:642-6.

100. Meis PJ, **Klebanoff MA**, Thom E, Dombrowski MP, Sibai BM, Moawad AH, et al. Prevention of recurrent preterm delivery by 17 alpha-hydroxyprogesterone caproate. *N Engl J Med* 2003; 348:2379-85.

101. Saftlas AF, Levine R, **Klebanoff M**, Martz K, Ewell MG, Morris CD, Sibai BM. Abortion, changed paternity and risk of preeclampsia in nulliparous women. *Am J Epidemiol* 2003; 157:1108-14.

102. England LJ, Levine RJ, Mills JL, **Klebanoff MA**, Yu KF, Cnattingius S. Adverse pregnancy outcomes in snuff users. *Am J Obstet Gynecol* 2003; 189:939-43.

103. **Klebanoff MA**, Hauth JC, Carey, JC, MacPherson CA, et al. Time course of the regression of asymptomatic bacterial vaginosis in pregnancy with and without treatment. *Am J Obstet Gynecol* 2004; 190:363-70.

104. Zhang J, Troendle J, Meikle S, **Klebanoff MA**, Rayburn WF. Isolated oligohydramnios is not associated with adverse perinatal outcomes. *Br J Obstet Gynaecol,* 2004; 111:220-5.

105. Avaria Mde L, Mills J, Kleinsteuber K, Aros S, Conley MR, Cox C, **Klebanoff M**, Cassorla F. Peripheral nerve conduction abnormalities in children exposed to alcohol *in utero*. *J Pediatr* 2004; 144:338-43.

106. How HY, Sibai B, Lindheimer M, Caritis S, Hauth J, **Klebanoff M**, et al. Is early-pregnancy proteinuria associated with an increased risk of preeclampsia in women with pregestational diabetes mellitus? *Am J Obstet Gynecol* 2004; 190:775-8.

107. Engels EA, Chen J, Viscidi RP, Shah KV, Daniel RW, Chatterjee N, **Klebanoff MA**. Poliovirus vaccination during pregnancy, maternal seroconversion to simian virus 40, and risk of childhood cancer. *Am J Epidemiol* 2004; 160:306-16.

108. **Klebanoff MA**, Schwebke JR, Zhang J, Nansel TR, Yu KF, Andrews WW. Vulvovaginal symptoms in women with bacterial vaginosis. *Obstet Gynecol* 2004; 104:267-72.

109. Vahratian A, Zhang J, Hasling J, Troendle JF, **Klebanoff MA**, Thorp Jr. JM. The effect of early epidural versus early intravenous analgesia on labor progression: A natural experiment. *Am J Obstet Gynecol* 2004; 191:259-65.

110. Longnecker MP, **Klebanoff MA**, Dunson DB, Guo X, Chen Z, Zhou H, Brock JW. Maternal serum level of the DDT metabolite DDE in relation to fetal loss in previous pregnancies. *Environ Res* 2005; 97:127-33.

111. Fiscella K, **Klebanoff MA**. Are racial differences in vaginal pH explained by vaginal flora? A*m J Obstet Gynecol* 2004; 191:747-50.

112. Longnecker MP, Hoffman HJ, **Klebanoff MA**, Brock JW, Zhou H, Needham L, et al. In utero exposure to polychlorinated biphenyls and sensorineural hearing loss in 8-year old children. Neurotoxicol Teratol 2004; 26:629-37.

113. **Klebanoff MA**, Hillier SL, Nugent RP, MacPherson CA, Hauth JC, Carey JC, et al. Is bacterial vaginosis a stronger risk factor for preterm birth when it is diagnosed earlier in gestation? *Am J Obstet Gynecol* 2005; 192:470-7.

114. Collins JJ, Cheng R, Buck GM, Zhang J, **Klebanoff M**, Schisterman EF, et al. The feasibility of conducting a reproductive outcome study of Chinese acrylonitrile workers. *J Occup Environ Med* 2003; 1:29-32.

115. Gladen BC, **Klebanoff MA**, Hediger ML, Katz SH, Barr DB, Davis MD, Longnecker MP. Prenatal DDT exposure in relation to anthropometric and pubertal measures in adolescent males. *Env Health Perspect* 2004; 112:1761-7.

116. **Klebanoff MA**, Schoendorf KC. What's so bad about curves crossing anyway? *Am J Epidemiol* 2004; 160:211-2. (Peer-reviewed commentary)

117. Petrini JR, Callaghan WM, **Klebanoff M**, Green NS, Lackritz EM, Howse JL, et al. Estimated effect of 17 alpha-hydroxyprogesterone caproate on preterm birth in the United States. *Obstet Gynecol* 2005; 105:267-72.

118. Reddy UM, Branum AM, **Klebanoff MA**. Relationship of maternal body mass index and height to twinning. *Obstet Gynecol* 2005; 105:593-7.

119. Cooper GS, **Klebanoff MA**, Promislow J, Brock JW, Longnecker MP. Polychlorinated biphenyls and menstrual cycle characteristics. *Epidemiology* 2005; 16:191-200.

120. Longnecker MP, **Klebanoff MA**, Brock JW, Guo X. Maternal levels of polychlorinated biphenyls in relation to preterm and small-for-gestational age birth. *Epidemiology* 2005; 16:641-7.

121. Carey JC, **Klebanoff MA**. Is a change in the vaginal flora associated with an increased risk of preterm birth? *Am J Obstet Gynecol* 2005; 192:1341-6.

122. Gray KA, **Klebanoff MA**, Brock JW, Zhou H, Darden R, Needham L, Longnecker MP. In utero exposure to background levels of polychlorinated biphenyls and cognitive functioning among school-aged children. *Am J Epidemiol* 2005; 162:17-26.

123. Law DCG, **Klebanoff MA**, Brock JW, Dunson DB, Longnecker MP. Maternal serum levels of polychlorinated biphenyls and 1,1-dichloro-2,2-bis(*p*-chlorophenyl)ethylene (DDE) and time to pregnancy. *Am J Epidemiol 2005;* 162:523-32.

124. Sheffield J, Andrews WW, **Klebanoff MA**, MacPherson C, Carey JC, Ernest JM, et al.. Spontaneous resolution of asymptomatic *Chlamydia trachomatis* in pregnancy. *Obstet Gynecol* 2005; 105:557-62.

125. Spector LG**, Klebanoff MA**, Feusner JH, Georgieff MK, Ross JA. Childhood cancer following neonatal oxygen supplementation. *J Pediatr* 2005; 147:27-31.

126. Zhang Y, Graubard BI, **Klebanoff MA**, Ronckers C, Stanczyk FZ, Longnecker MP, McGlynn KA. Maternal hormone levels among populations at high and low risk of testicular germ cell cancer. *Br J Cancer* 2005; 92:1787-93.

127. Chen A, Pennell ML, Longnecker MP, Gladen B, **Klebanoff M**, Rogan W. Maternal smoking during pregnancy in relation to child overweight: follow up to age 8 years. *Int J Epidemiol* 2006; 35:121-30.

128. Goepfert A, Varner M, Ward K, MacPherson C, **Klebanoff M**, et al. Differences in inflammatory cytokine and Toll-like receptor genes and bacterial vaginosis in pregnancy. *Am J Obstet Gynecol* 2005; 193:1478-85.

129. McGlynn KA, Graubard BI, Nam J-M, Stanczyk FZ, Longnecker MP, **Klebanoff MA**. Maternal hormone levels and risk of cryptorchism among populations at high and low risk of testicular germ cell tumors. *Cancer Epidemiol Biomarkers Prev* 2005; 14:1732-7.

130. Thom EA, **Klebanoff MA**. Issues in clinical trial design: stopping a trial early and the large and simple trial. *Am J Obstet Gynecol* 2005; 193:619-25.

131. Meis PJ, **Klebanoff MA**, Dombrowski MP, Sibai BM, Leindecker S, Moawad AH, et al. Does progesterone treatment influence risk factors for recurrent preterm delivery? *Obstet Gynecol* 2005; 106:557-61.

132. Sibai BM, Meis PJ, **Klebanoff MA**, Dombrowski MP, Weiner ST, Moawad AH, et al. Plasma CRH measurement at 16-20 weeks' gestation does not predict preterm delivery in women at high risk for preterm delivery. *Am J Obstet Gynecol* 2005; 193:1181-6.

133. Andrews WW, **Klebanoff MA**, Thom EA, Hauth JC, Carey JC, Meis PJ, et al. Mid pregnancy genitourinary tract infection with *Chlamydia trachomatis*: association with subsequent preterm delivery in women with bacterial vaginosis and *Trichomonas vaginalis*. *Am J Obstet Gynecol* 2006; 194:493-500.

134. Nansel TR, Riggs M, Yu KF, Andrews WW, Schwebke JR, **Klebanoff MA**. The association of psychosocial stress and bacterial vaginosis in a longitudinal cohort. *Am J Obstet Gynecol* 2006; 194:381-6.

135. McGlynn KA, Graubard BI, **Klebanoff MA**, Longnecker MP. Risk factors for cryptorchism among populations at differing risks of testicular cancer. *Int J Epidemiol* 2006; 35:787-95.

136. Ribas-Fito N, Gladen BC, Brock JW, **Klebanoff MA**, Longnecker MP. Prenatal exposure to 1,1-dichloro-2,2-bis (p-chlorophenyl)ethylene (p,p'-DDE) in relation to child growth. *Int J Epidemiol* 2006; 35:853-8.

137. Cooney MA, Buck Louis GM, Sun W, Rice MM, **Klebanoff MA**. Is conception delay a risk factor for reduced gestation or birthweight? *Paediatr Perinat Epidemiol* 2006; 20;201-9.

138. Aros S, Mills JL, Torres C, Henríquez C, Fuentes A, Capurro T, Mena M, Conley M, Cox C, Signore C, **Klebanoff M**, Cassorla F. Prospective identification of pregnant women drinking four or more standard drinks (> or = 48 g) of alcohol per day. *Subst Use Misuse* 2006; 41:183-97.

139. Keim SA, **Klebanoff MA**. Aspirin use and miscarriage risk. *Epidemiology* 2006; 17:435-9.

140. **Klebanoff MA**, Andrews WW, Yu KF, Brotman RM, Nansel TR, Zhang J, Cliver SP, Schwebke JR. A pilot study of vaginal flora changes with randomization to cessation of douching. *Sex Transm Dis* 2006; 33:610-3.

141. Hemachandra AH*, **Klebanoff MA**. Use of serial ultrasound to identify periods of fetal growth restriction in relation to neonatal anthropometry. *Am J Human Biol* 2006; 18:791-7.

142. Hemachandra AH*, **Klebanoff MA**, Duggan AK, Hardy JB, Furth SL. The association between intrauterine growth restriction in the full term infant and high blood pressure at age 7 years: results from the Collaborative Perinatal Project. *Int J Epidemiol* 2006; 35:871-7.

143. Hemachandra AH*, **Klebanoff MA**, Furth SL. Racial disparities in the association between birth weight in the term infant and blood pressure at age 7 years: Results from the Collaborative Perinatal Project. *J Am Soc Nephrol* 2006; 17:2576-81.

144. Zhang Y, Graubard BI, Longnecker MP, Stanczyk FZ, **Klebanoff MA**, McGlynn KA. Maternal hormone levels and perinatal characteristics: implications for testicular cancer. *Ann Epidemiol* 2007; 17:85-92.

145. Bodnar LM, Catov JM, **Klebanoff MA**, Ness RB, Roberts JM. Prepregnancy body mass index and the occurrence of severe hypertensive disorders of pregnancy. *Epidemiol* 2007; 18:234-9.

146. Hemachandra AH*, Howards PP, Furth SL, **Klebanoff MA**. Birth weight, postnatal growth and risk for high blood pressure at age 7 years: Results from the Collaborative Perinatal Project. *Pediatrics* 2007;119:e1264-e1270.

147. Johnson KJ, Spector LG, **Klebanoff MA**, Ross JA. Childhood cancer and birthmarks in the Collaborative Perinatal Project. *Pediatrics* 2007; 119;e1088-e1093.

148. Brotman RM*, Erbelding EJ, Jamshidi RM, **Klebanoff MA**, Zenilman JM, Ghanem KG. Findings associated with recurrence of bacterial vaginosis among adolescents attending sexually transmitted disease clinics. *J Pediatr Adol Gynecol* 2007; 20:225-31.

149. Taneja G, Brenner RA, Klinger R, Trumble AC, Qian C, **Klebanoff MA**. Participation of next-of-kin in research following sudden unexpected death of a child. *Arch Pediatr Adolesc Med* 2007; 161:453-6.

150. Whitcomb BW, Schisterman EF, **Klebanoff MA**, Baumgarten M, Rhoton-Vlasak A, Luo X, Chegini N. Circulating chemokine levels and miscarriage. *Am J Epidemiol* 2007; 166:323-31.

151. Pierik FH, **Klebanoff MA**, Brock JW, Longnecker MP. Maternal pregnancy serum level of heptachlor epoxide, hexachlorobenzene and β-hexachlorocyclohexane and risk of cryptorchidism in offspring. *Environ Res* 2007; 105:364-9.

152. **Klebanoff MA**. Subgroup analysis in obstetrics clinical trials. *Am J Obstet Gynecol* 2007; 197:119-22.

153. Riggs M*, **Klebanoff MA**, Nansel TR, Zhang J, Schwebke JR, Andrews WW. Longitudinal association between hormonal contraceptives and bacterial vaginosis in women of reproductive age. *Sex Transm Dis* 2007; 34:954-59.

154. Neggers YH, Nansel TR, Andrews WW, Schwebke JR, Yu KF, Goldenberg RL, **Klebanoff MA**. Dietary intake of selected nutrients affects bacterial vaginosis in women. *J Nutr* 2007; 137:2128-33.

155. Hendler I, Andrews WW, Carey JC, **Klebanoff MA**, Noble WD, Sibai BM, et al. The relationship between resolution of asymptomatic bacterial vaginosis and spontaneous preterm birth in fetal fibronectin positive women. *Am J Obstet Gynecol* 2007; 197:488.e1-e5

156. Ness RB, Bass D, Hill L, **Klebanoff MA**, Zhang J. Diagnostic test characteristics of placental weight in the prediction of small-for-gestational-age neonates. *J Reprod Med* 2007; 52:793-800.

157. Brotman RM*, **Klebanoff MA**, Nansel TR, Zhang J, Schwebke JR, Yu KF, Zenilman JM, Andrews WW. Why do women douche? A longitudinal study with two analytic approaches. *Ann Epidemiol* 2008; 18:65-73.

158. **Klebanoff MA**. Paternal and maternal birthweights and the risk of infant preterm birth. *Am J Obstet Gynecol* 2008; 198:58.e1-3.

159. Nygren P, Fu R, Freeman M, Bougatsos C, **Klebanoff MA**, Guise J-M. Evidence on the benefits and harms of screening and treating pregnant women who are asymptomatic for bacterial vaginosis: an update review for the U.S. Preventive Services Task Force. *Ann Int Med* 2008; 148:220-233.

160. Mastrobattista JM, **Klebanoff MA**, Carey JC, Hauth JC, MacPherson CA, Ernest J. The effect of body mass index on therapeutic response to bacterial vaginosis in pregnancy. *Am J Perinatol* 2008; 25:233-7.

161. Brotman RM, Ghanem KG, **Klebanoff MA**, Taha TE, Scharfstein DO, Zenilman JM. The effect of vaginal douching cessation on bacterial vaginosis: a pilot study. *Am J Obstet Gynecol* 2008; 198:628.e1-7.

162. Whitcomb BW, Schisterman EF, **Klebanoff MA**, Baumgarten M, Lui X, Chegini N. Circulating levels of cytokines during pregnancy: thrombopoietin is elevated in miscarriage. *Fertil Steril* 2008; 89:1795-1802.

163. Brotman RM*, **Klebanoff MA**, Nansel T, Andrews WW, Schwebke JR, Zhang J, Yu KF, Zenilman JM, Scharfstein DO. A longitudinal study of vaginal douching and bacterial vaginosis- a marginal structural modeling analysis. *Am J Epidemiol*, 2008; 168:188-96.

164. **Klebanoff MA**, Meis PJ, Dombrowski MP, Zhao Y, Moawad AH, Northen A, et al. Salivary progesterone and estriol among pregnant women treated with 17-alpha hydroxyprogesterone caproate or placebo. *Am J Obstet Gynecol* 2008; 199:506.e1-7.

165. Bodnar LM, Catov JM, Wisner KL, **Klebanoff MA**. Racial and seasonal differences in 25-hydroxyvitamin D detected in maternal sera frozen for over 40 years. *Br J Nutr* 2008: 101:278-84.

166. Windham GC, Zhang L, Longnecker MP, **Klebanoff M**. Maternal smoking, demographic and lifestyle factors in relation to daughter's age at menarche. *Paediatr Perinat Epidemiol* 2008; 22:551-61.

167. Ness RB, Zhang J, Bass D, **Klebanoff MA**. Interactions between smoking and weight in pregnancies complicated by preeclampsia and small-for-gestational age birth. *Am J Epidemiol* 2008; 168:427-33.

168. **Klebanoff MA**, Cole SR. Use of multiple imputation in the epidemiologic literature. *Am J Epidemiol* 2008; 168:355-7.

169. Brenner RA, Taneja GS, Haynie D, Trumble A, Qian C, Klinger R, **Klebanoff MA**. Association between swimming lessons and drowning in childhood: a case-control study. *Arch Pediatr Adolesc Med* 2009; 163:203-10.

170. Chen A, **Klebanoff M**, Basso O. Prepregnancy body mass index change between pregnancies and preterm birth in the following pregnancy. *Paediatr Perinatal Epidemiol* 2009; 23:207-15.

171. Scifres CM, Iams JD, **Klebanoff M**, Macones GA. Metaanalysis versus large clinical trials: which should guide our management? *Am J Obstet Gynecol* 2009; 200:484.e1-5.

172. Parker JD, **Klebanoff MA**. Crossing curves – it's time to focus on gestational-age-specific mortality. *Am J Epidemiol* 2009; 169:798-801. (Peer-reviewed commentary)

173. **Klebanoff MA**, Zhang J, Zhang C, Levine R. Maternal serum theobromine and the development of preeclampsia. *Epidemiology* 2009; 20:727-32.

174. Keim SA, Branum AM, **Klebanoff MA**, Zemel BS. Maternal body mass index and daughters' age at menarche. *Epidemiol* 2009; 20:677-81.

175. Sibai B, Romero R, **Klebanoff MA**, Rice MM, Caritis S, Lindheimer MD, et al. Maternal plasma concentrations of the soluble tumor necrosis factor receptor 2 are increased prior to the diagnosis of preeclampsia. *Am J Obstet Gynecol* 2009; 200:630.e1-8.

176. McGlynn KA, Guo X, Graubard BI, Brock JW, **Klebanoff MA**, Longnecker MP. Maternal pregnancy levels of polychlorinated biphenyls and risk of hypospadias and cryptorchidism in male offspring. *Environ Health Perspect* 2009; 117:1472-6.

177. Gammill HS, Powers RW, Clifton RG, van Dorsten P, Hauth JC, **Klebanoff MA**, et al. Does C-reactive protein predict recurrent preeclampsia? *Hypertension in Pregnancy*, 2010 Aug 11. [Epub ahead of print].

178. **Klebanoff MA**, Nansel TR, Brotman RM, Zhang J, Yu KF, Schwebke JR, Andrews WW. Personal hygienic behaviors and bacterial vaginosis. *Sex Transm Dis* 2010; 37:94-9.

179. **Klebanoff MA**, Andrews WW, Zhang J, Brotman RM, Nansel TR, Yu KF, Schwebke JR. Race of male sex partners and occurrence of bacterial vaginosis. *Sex Transm Dis* 2010; 37:184-90.

180. Azzato EM, Chen RA, Wacholder S, Chanock SJ, **Klebanoff MA**, Caporaso NE. Maternal *EPHX1* polymorphisms and risk of phenyotin-induced congenital malformations. *Pharmacogenet Genomics* 2010; 20:58-63.

181. Harper M, Thom E, **Klebanoff MA**, Thorp J, Sorokin Y, Varner MW, et al. Omega-3 fatty acid supplementation to prevent recurrent preterm birth: a randomized controlled trial. *Obstet Gynecol* 2010; 115:234-42.

182. Zabor EC*, **Klebanoff MA**, Yu KF, Zhang J, Nansel T, Andrews W, Schwebke J, Jeffcoat M. Association between periodontal disease, bacterial vaginosis, and sexual risk behaviors. *J Clin Periodontol*, 2010; 37:888-893.

183. Chetty-John SP, Zhang J, Chen Z, Albert P, Sun L, **Klebanoff M**. Long-term physical and neurological development in newborns with isolated single umbilical artery. *Am J Obstet Gynecol*, 2010; 203:368.e1-7.

184. Powers R, Jeyabalan A, Clifton RG, van Dorsten P, Hauth JC, **Klebanoff M**, Lindheimer M, Sibai B, Landon M, Miodovnik M. Soluble fms-like tyrosine kinase 1 (sFlt1), endoglin, and placental growth factor (PlGF) in preeclampsia among high risk pregnancies. *PLoS One* 2010;5:e13263.

185. Jeyabalan A, Powers R, Clifton RG, van Dorsten P, Hauth JC, **Klebanoff M**, Lindheimer M, Sibai B, Landon M, Miodovnik M. Effect of smoking on circulating angiogenic factors in high risk pregnancies. *PLoS One* 2010;5:e13270.

186. Brotman RM, **Klebanoff MA,** Nansel TR, Yu KF, Andrews WW, Zhang J, Schwebke JR. Bacterial vaginosis assessed by Gram stain and diminished colonization resistance to incident gonococcal, chlamydial and trichomonal genital infection. *J Infect Dis* 2010; 202:1907-15.

187. Harper M, Zheng, SL, Thom E, **Klebanoff MA**, Thorp J, Sorokin Y, et al. Cytokine Gene Polymorphisms and Length of Gestation. *Obstet Gynecol* 2011; 117:25-30.

188. Zhang J, Mikolajczyk R, Grewal J, Neta G, **Klebanoff M.** Prenatal application of the individualized fetal growth reference. *Am J Epidemiol* 2011; 173:539-43. Epub 2011 Jan 20.

189. Neta G, Grewal J, Mikolajczyk R, **Klebanoff M**, Zhang J. Does the individualized birthweight reference outperform a simple ultrasound reference in predicting long-term child neurodevelopment? *Ultrasound Obstet Gynecol* 2010 Dec 10. [Epub ahead of print].

190. Bowers K, Hu G, Yu Z, Yang X, **Klebanoff M**, Yeung E, Zhang C. Birth weight, postnatal weight change, and risk for high blood pressure among Chinese children aged 3-6 years. *Pediatrics* 2011;127:e1272-9. Epub 2011 Apr 18.

191. Trabert B, Longnecker MP, Graubard BI, **Klebanoff MA**, Stanczyk FZ, McGlynn KA. Placental characteristics as a proxy measure of serum hormone and protein levels during pregnancy with a male fetus. *Cancer Causes Control* 2011;22:689-95. Epub 2011 Feb 19.

192. **Klebanoff MA**, Harper MA, Lai Y, Thorp J, Sorokin Y, Varner MW, et al. Fish consumption and preterm birth: a prospective study among high-risk women. *Obstet* Gynecol 2011;117:1071-7.

193. Thoma ME*, **Klebanoff MA**, Rovner AJ, Nansel TR, Neggers Y, Andrews WW, Schwebke JR. Bacterial vaginosis (BV) is associated with dietary indices. *J Nutr* 2011; 141:1698-704.

194. Talge NM, Holzman C, Senagore PK, **Klebanoff M**, Fisher R. Biological indicators of the in-utero environment and their association with fetal growth. *J Developmental Origins of Health and Disease*, in press.

Manuscripts Submitted for Publication:

1. Andres RL, Zhao Y, **Klebanoff M**, Hauth J, Caritis SN, Carey JC, et al. The impact of tobacco use on preterm premature rupture of the membranes. Under review.

2. Stenger MR, Slaughter JL, Kelleher K, Shepherd EG, **Klebanoff MA**, Jadcherla SR, Reagan P, Nelin LD, Gardner W. Hospital variation in nitric oxide use for premature infants. Under review.

3. Jadcherla SR, Slaughter JL, Stenger MR, **Klebanoff M,** Kelleher K, Gardner W. Prevalence and economic burden of gastrointestinal reflux disease in convalescing ICU neonates. Under review.

4. Jusko TA, Klebanoff MA, Brock JW, Longnecker MP. In utero exposure to DDT and cognitive development among infants and school-aged children. Under review.

5. Harper M, Li L, Zhao Y, **Klebanoff M**, Thorp J, Sorokin Y, et al. Omega-3 fatty acid supplementation, fish diet and erythrocyte omega-3 levels are not associated with alterations in production of tumor necrosis factor α or interleukin 10 in high risk human gravidas. Under review.

Other Commentaries and Reviews:

1. **Klebanoff MA**, Rhoads GG. Collaborative epidemiological research in perinatology. *Semin Perinatol* 1986; 10:169-78.

2. **Klebanoff MA**. Epidemiology of febrile seizures, or epidemiology of study participation. *Am J Epidemiol* 1990; 132:474-6.

3. Shiono PH, **Klebanoff MA**. A review of risk scoring for preterm birth. *Clin Perinatol* 1993; 20:107-26.

4. Shiono PH, **Klebanoff MA**. Caffeine and pregnancy outcome. *Am J Epidemiol* 1993; 137:951-954.

5. **Klebanoff MA**. The interval between pregnancies and the outcome of subsequent births. *N Engl J Med* 1999; 340:643-4.

6. Buekens P, **Klebanoff MA**. Preterm birth research: from disillusion to the search for new mechanisms. *Paediatr Perinat Epidemiol* 2001; 15(S2):159-61.

7. Carey JC, **Klebanoff MA.** Bacterial vaginosis and other asymptomatic infections in pregnancy. *Cur Womens Health Rep* 2001; 1:14-19.

8. Carey JC, **Klebanoff MA.** National Institute of Child Health and Human Development Maternal-Fetal Medicine Units Network. What have we learned about vaginal infection and preterm birth? *Semin Perinatol*. 2003; 27:212-6.

9. Zhang J, **Klebanoff MA**. Perspective: Small-for-gestational-age infants and fetal death in subsequent pregnancies. *N Engl J Med* 2004; 350:754-6.

10. Riggs MA*, **Klebanoff MA.** Treatment of vaginal infections to prevent preterm birth: a meta-analysis. *Clin Obstet Gynecol* 2004; 47:796-807.

11. Signore C*, Hemachandra A*, **Klebanoff M**. Neonatal mortality and morbidity after elective cesarean delivery versus routine expectant management: a decision analysis. *Semin Perinatol* 2006; 30:288-95.

12. **Klebanoff MA**, Searle K. The role of inflammation on preterm birth – focus on periodontitis. *BJOG*, 2006; 113(Suppl.3):43-5.

13. **Klebanoff MA**. Gestational age: not always what it seems. *Obstet Gynecol* 2007; 109:798-9.

14. Signore C, **Klebanoff M**. Neonatal morbidity and mortality after elective Cesarean delivery. *Clin Perinatol* 2008; 35:361-71.

15. **Klebanoff MA.** The Collaborative Perinatal Project: a 50-year retrospective. *Paediatr Perinatal Epidemiol* 2009; 23:2-8.

16. O'Shea TM, **Klebanoff MA**, Signore C. Delivery after previous cesarean: Long term outcomes in the child. *Semin Perinatol*, 2010; 34:281-92.

17. **Klebanoff MA,** Keim SA. Epidemiology: The changing face of prematurity. *Clin Perinatol*, in press.