

James Louis Mills, M.D., M.S.
July 2015

CURRENT POSITION

Senior Biomedical Research Service Scientist
Senior Investigator
Eunice Kennedy Shriver National Institute of Child Health and
Human Development
National Institutes of Health
2000-present

ADDRESS

Epidemiology Branch
Division of Intramural Population Health Research
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EDUCATION

University of Pennsylvania: 1965-1969
Degree: Bachelor of Arts, with Distinction, 1969
Major: History - Pre Med

New York Medical College: 1969-1973
Degree: Doctor of Medicine, 1973

University of Pennsylvania: 1978-1979
Degree: Master of Science, 1979
Course: Epidemiology

ACADEMIC & RESEARCH EXPERIENCE

Chief, Pediatric Epidemiology Section
Epidemiology Branch
Division of Epidemiology, Statistics, and
Prevention Research
National Institute of Child Health and Human Development
1990-2006 (sections eliminated in restructuring, 2006)

Senior Investigator (Research Medical Officer, GS-13, GS-14 and GS-15)
National Institute of Child Health and Human Development
National Institutes of Health
1982-1999

Medical Staff Fellow
National Institute of Child Health and Human Development
National Institutes of Health
1979-1982

POST GRADUATE TRAINING AND FELLOWSHIP APPOINTMENTS

Pediatric Resident, The New York Hospital
Cornell University Medical Center, 1973-1975

Fellow in Ambulatory Pediatrics, Children's
Hospital of Philadelphia, 1975-1976

Fellow in Endocrinology, Children's Hospital
of Philadelphia, 1976-1979

Robert Wood Johnson Clinical Scholar
University of Pennsylvania, 1976-1979

FACULTY APPOINTMENTS

Fellow: Department of Pediatrics
Cornell University School of Medicine, 1974-1975

Post-Doctoral Fellow: Department of Research Medicine
University of Pennsylvania, 1976-1979

Attending Pediatric Endocrinologist: Clinical Center
National Institutes of Health 1979-1995

Attending Pediatrician: Clinical Center
National Institutes of Health 1981-1984

Lecturer: Department of Epidemiology
The Johns Hopkins University, 1982-1985

Associate: Department of Epidemiology
The Johns Hopkins University, 1985-present

Consultant Pediatric Endocrinologist: National Naval Medical Center 1985-2005

MEDICAL CERTIFICATION

Diplomate: National Board of Medical Examiners, 1974
Specialty Certification: American Board of Pediatrics, 1978
Sub-Specialty Certification: American Board of Pediatrics, Pediatric
Endocrinology Sub-Board, 1980

Licensure: New York
Pennsylvania

PROFESSIONAL SOCIETIES

American Epidemiological Society
American Pediatric Society
Pediatric Endocrine Society

Society for Pediatric Research
American College of Epidemiology
Teratology Society

OTHER PROFESSIONAL TRAINING AND EXPERIENCE

Research Assistant, Laboratory of Human Genetics, New York Medical College, 1970-1971

Fellow in Tropical Medicine, International Center for Medical Research and Training, National Institutes of Health, San Jose, Costa Rica, 1972

Graduate Student in Health Care Administration, The Wharton School, University of Pennsylvania, 1976-1977

Pediatrician, Medical Associates, Children's Hospital of Philadelphia, 1977-1979

Consultant Endocrinologist, Ortho Pharmaceutical Corporation and Paul D. Stolley, M.D. Study of Estrogen Effects in Oral Contraceptive Workers, 1978-1979

SCIENTIFIC REVIEW SERVICE (since 2000)

Journal Reviewer

New England Journal of Medicine (frequent reviewer)

JAMA

The Lancet

American Journal of Epidemiology

American Journal of Obstetrics and Gynecology

American Journal of Medical Genetics

Birth Defects Research-A

American Journal of Clinical Nutrition

Pediatrics

Pediatric and Perinatal Epidemiology

Others- this is not something I systematically record

Extramural Grant Review

Reviewer, Center For Inherited Disease Research, Gene Environment and Health Initiative Study, Technical Advisory Group, Bethesda, MD, October, 2007.

March of Dimes Research Advisory Committee A. Grant reviewer. February 2013.

March of Dimes Gene Discovery and Translational Grants Advisory Committee. Grant reviewer. February 2014.

March of Dimes Gene Discovery and Translational Grants Advisory Committee. Grant reviewer. February 2015.

Planning Committees – Workshops, Annual Meetings, Training

Symposium Chair and Organizer, Public Affairs Committee Symposium– Birth Defects and Other Adverse Pregnancy Outcomes Due to Obesity. Teratology Society, Vancouver, BC. June 2004.

Invited Speaker, Congenital Malformations. ART Children's Health: A Systematic Review. Workshop. American Society for Reproductive Medicine. Philadelphia, PA. October 2004.

Planning Committee, Teratology Society Annual Meeting, Monterey, CA. June 2008.

Planning Committee, Teratology Society Annual Meeting, Rio Mar, PR, June 2009

Planning Committee, NHANES Monitoring of Biomarkers of Folate and Vitamin B12 Status, 2009-2010

Organizer, Symposium: Vitamin B12 Deficiency and Neural Tube Defects. Teratology Society, Louisville, KY, June 2010.

Committees, Advisory Boards and Other Professional Services

Member, Second Structural Birth Defects Meeting, NICHD, Bethesda, December 2002.

Invited Expert, US Food and Drug Administration Pregnancy Labeling Subcommittee Meeting on Pregnancy Registries, Rockville, MD, February 2000

Participant/ Invited Speaker, Advisory Committee for Reproductive Health Drugs, Food and Drug Administration- Adding folic acid to oral contraceptives, December, 2003.

Advisor, US Food and Drug Administration. Division of Reproductive and Urologic Products. Silver Spring, MD, March, 2006.

Deputy Director for Intramural Research Representative, BSC review, Radiation Oncology Branch, NCI 2010

Public Affairs Committee. Teratology Society 2010-2013

NICHD Member and Executive Secretary. Data Safety Monitoring Board, CHEF Study. 2010-2014

Expert Reviewer. Technical Assistance Package—CDC to FDA. Corn Masa Flour Fortification.

Judge for the Marcy Speer Pre and Post Doctoral Research Awards. 7th International Conference on Neural Tube Defects, Nov. 2011.

Membership Committee. Teratology Society 2012-2014.

Biomarkers of Nutrition for Development (BOND) Folate Expert Panel Member. 2012-2014.

March of Dimes Consultant. Stillbirths 37 to 39 Weeks. December 2012.

Teratology Society. Mentor "Ambassador Program". June 2014

Presidential Nominating Committee. American Epidemiological Society. March 2015

Expert Committee Member, Identifying Research Needs for Assessing Safe use of High Intakes of Folic Acid. National Toxicology Program/Office of Dietary Supplements. May 2015.

Scholarship Oversight Committee, Pediatric Endocrinology Fellowship Program, NICHD, NIH. 2014-present

Vaccines and Medications in Pregnancy Surveillance Systems, American Academy of Allergy, Asthma and Immunology, Advisory Committee Member, 2010-present

Science Committee, Teratology Society 2015- present

Invited Keynotes, Talks and Seminars

Invited Speaker, Slone Memorial Lecture, Slone Epidemiology Unit, Boston University, Boston, MA. April 2000

Faculty Member, Harvard Medical School Continuing Education Course on Human Teratogens, Boston, MA. April 2000.

Invited Speaker, Medical Grand Rounds, University of Pittsburgh, Pittsburgh, PA. Sept. 2000.

Invited Speaker, Plenary Session, Congress of Genetics and Molecular Medicine of Mexico, Monterrey, Mexico, Oct. 2000.

Expert Panel Member, Expert Panel on Periconceptional Folic Acid Use to Prevent Congenital Malformations, Budapest, Hungary. April 2001. Invited Speaker, Slone Memorial Lecture, Slone Epidemiology Unit, Boston University, Boston, MA. April 2000

Faculty Member, Harvard Medical School Continuing Education Course on Human Teratogens, Boston, MA. April 2000.

Invited Speaker, Medical Grand Rounds, University of Pittsburgh, Pittsburgh, PA. Sept. 2000.

Invited Speaker, Plenary Session, Congress of Genetics and Molecular Medicine of Mexico, Monterrey, Mexico, Oct. 2000.

Expert Panel Member, Expert Panel on Periconceptional Folic Acid Use to Prevent Congenital Malformations, Budapest, Hungary. April 2001.

Plenary Session Speaker, Charting the Course, Birth Defects, Developmental Disabilities, and Disability and Health. CDC, Atlanta, September, 2002.

Guest speaker, Clinical Nutrition Research Center, University of Alabama, Birmingham, November, 2002.

Invited Speaker, Folic Acid-Beyond the Prevention of Neural Tube Defects. American College of Preventive Medicine, Orlando, FL. February 2004.

Invited Speaker, Current Topics in Neonatal/Infant Nutrition and Metabolism V. Methionine, Methylation and Epigenetics. Houston, TX. January 2005.

Invited Speaker, The Intrauterine Environment: Long-term Consequences of Obesity and Metabolic Disease Conference. Maternal Obesity and Birth Defects. Bethesda, MD. September, 2005.

Invited Speaker, Folic Acid and Neural Tube Defects. Pediatric Neurology Grand Rounds, Johns Hopkins School of Medicine, Baltimore, MD, October, 2006.

Invited Speaker, Careers in Washington, D.C.- Medical Research. University of Pennsylvania, Philadelphia, PA, February, 2007.

Invited Speaker, Neural Tube Defects and Folic Acid: The Science and The Controversy, Benjamin Franklin Scholars Program, University of Pennsylvania, Philadelphia, PA, February, 2007.

Invited Speaker, Food Fortification with Folic Acid: Effects and Side Effects. Organization of Teratology Information Specialists/Teratology Society Joint Meeting. Monterey, CA, June 2008.

Invited Speaker, Maternal Obesity and Congenital Heart Defects. Coordinating Committee, NICHD National Child and Maternal Health Education Program, Bethesda, MD. Jan. 2012

Invited Keynote Speaker and Session Chair, 9th International Conference on Homocysteine and One-carbon Metabolism, Dublin, Ireland September 2013.

Invited Workshops and Panel Discussions

Workshop Member, WHO Conference on International Collaborative Studies on the Prevention of Cranio-facial Abnormalities, Park City, Utah. May 2001.

Session Chair, NIH Structural Birth Defects Investigators Meeting, Bethesda, Maryland. July 2001.

Advisor, Centers for Disease Control and Prevention Neural Tube Defects-Folic Acid Intake Meeting (Evaluation of Data from NBDPS), Atlanta, GA, August, 2007.

Session Chair, Teratology Society Annual Meeting. Monterey, CA, June 2008.

Invitee, Challenges and Opportunities in Using Newborn Screening Samples for Translational Research: A Workshop. Institute of Medicine Roundtable on Translating Genomic-Based Research for Health, Washington, DC, May 2010.

Participant, Optimizing Folic Acid/Folate Awareness and Intake in High-Risk Women Roundtable. March of Dimes, Bayer Health Care Pharmaceuticals, Washington, DC, June 2010.

Invited Participant, Birth Defect Gene Research Conference (CDC), Washington, DC 2010

Invited Panel Member: NHANES Monitoring of Biomarkers of Folate and Vitamin B12 Status, 2010.

Faculty Member, Harvard Medical School Continuing Education Course on Human Teratogens, Boston, MA. April 2011.

Speaker, Mary Frances Picciano Dietary Supplements Research Practicum. Folate and Folic Acid. NIH. Folate and Folic Acid. June 2011.

Speaker, Mary Frances Picciano Dietary Supplements Research Practicum. NIH. Folate and Folic Acid. June 2012.

Faculty Member, Harvard Medical School Continuing Education Course on Human Teratogens, Boston, MA. April 2013.

Speaker, Mary Frances Picciano Dietary Supplements Research Practicum. NIH. Folate and Folic Acid. June 2013.

Speaker, Mary Frances Picciano Dietary Supplements Research Practicum. NIH. Folate and Folic Acid. June 2014.

Presentations at Scientific Meetings (as presenter)

Speaker and Panel Member, Consensus Conference on the Safe and Optimal Use of Isotretinoin, American Academy of Dermatology, New Orleans, Louisiana. February, 2002.

Speaker, Long-term Mortality in the U.S. Cohort of Pituitary Growth Hormone Recipients. American Epidemiological Society. New York, NY, March 2002.

Invited Speaker, Assisted Reproduction Technology and Reproductive Problems: What are the facts and Issues? Teratology Society, Phila. Pa. June 2003.

Invited Discussant, Selected Gene Polymorphisms of Possible Vascular Impact, and Their Interaction with Maternal Smoking, As Risk Factors for Gastroschisis. Teratology Society. St. Pete Beach, FL. June 2005.

Speaker, Maternal Obesity and Congenital Heart Defects. American Epidemiological Society, Baltimore, MD, March 2010.

Speaker, Vitamin B12 Deficiency and Neural Tube Defects: Is There a Causal Relationship? Teratology Society, Louisville, KY, June 2010.

Invited Speaker, NIAAA Collaborative Initiative on FASD. Feb. 2011.

Speaker, American Epidemiological Society. Do high blood folate levels exacerbate the metabolic abnormalities in people with low vitamin B12 levels? March 2011

Platform presentation, Free and total choline levels during pregnancy and neural tube defects. 7th International Conference on Neural Tube Defects, Nov. 2011.

Speaker, American Epidemiological Society. Choline: An “essential nutrient”, but is it essential to prevent neural tube defects? March 2012

Speaker, American Epidemiological Society. Food fortification produces unmetabolized folic acid in serum. March 2013.

Speaker, American Epidemiological Society. Obesity and Congenital Heart Defects, March 2014

AWARDS AND HONORS

General Honors Program, University of Pennsylvania, 1965
 Graduation with Distinction in History, University of Pennsylvania, 1969
 National Institutes of Health Student Fellowship for the Study of Tropical
 Medicine, 1972
 Robert Wood Johnson Clinical Scholar, 1976
 Fellow, Leonard Davis Institute, 1978
 Elected to Society for Pediatric Research, 1984
 Elected-Fellow, American College of Epidemiology, 1987
 Selected for American Men and Women of Science, 1988
 NIH Director's Award (NIH's Highest Award) for Birth Defects Research, 1989
 NIH Special Act or Service Award for Research on Neural Tube Defects, 1990
 Elected to American Pediatric Society, 1991
 Elected to American Epidemiological Society, 1991
 U.S. Public Health Service Special Recognition Award for Risks and Benefits of Fluoride Report, 1992.
 Selected Speaker for University of Pennsylvania Distinguished Alumni-Faculty
 Lecture, 1994
 Invited Speaker, Congressional Biomedical Research Caucus, 1995
 AAll-Time Top NICHD Accomplishments@ Two projects among the 36 most important research achievements
 (intramural and extramural) in NICHD history, 1998
 Richard K. Miller Lecturer, University of Rochester, 1999
 Stone Memorial Lecturer, Boston University, 2000
 NIH Director's Award for Research on Folate Metabolism and Birth Defects, 2000
 Author of one of four Papers Selected As "Classic Papers" from 50 years of publications in the journal of the
 Teratology Society 2010
 Centers for Disease Control and Prevention. Special Act or Service Award. "In recognition of your contribution to
 the health of children by providing scientific expertise to the assessment of the safety of folic acid" 2011.

PATENT

Materials and methods associated with polymorphic variants in two enzymes involved in folate-dependent and one-
 carbon metabolic pathways. Diagnostic and therapeutic methods are provided involving the correlation of
 polymorphic variants in MTBFD1, MTHFD1, and other genes with relative susceptibility for various pregnancy-
 related and other complications. [US7879551](#)

MENTORING

[NIH Summer Interns](#)

Laura Kresch, epidemiology graduate student
Isabelle Von Kohorn, medical student
Homa Khorrami, medical student
Irene Woo, medical student
Joshua Cornman-Homonoff, medical student

NIH IRTAs

Lucinda England, MD, MPH
Caroline Signore, MD, MPH
Elizabeth Flanigan, MD, MPH
Tonia Carter, PhD
Devon Kuehn, MD
Shannon Rigler, MD
Angela Dimopoulos, MD
Erin Hagen, B.S.

PUBLICATIONS

Refereed Manuscripts

1. Mills JL, Baker L, Goldman A. Malformations in infants of diabetic mothers occur before the seventh gestational week: Implications for therapy. Diabetes 1979; 28:292-293.
2. Mills JL, Spackman T, Borns P, Mandell G, Schwartz W. The usefulness of lateral neck radiographs in laryngotracheobronchitis. Am J Dis Child 1979; 133:1140-1142.
3. Bahn A, Mills JL, Snyder P, Gann P, Houten L, Bialik O, Hollmann L, Utiger R. Hypothyroidism in workers exposed to polybrominated biphenyls. N Engl J Med 1980; 302:31-33.
4. Mills JL, Harlap S, Harley E. Should coitus late in pregnancy be discouraged? Lancet 1981; 2:136-138.
5. Mills JL, Stolley P, Davies J, Moshang T. Premature Thelarche: Natural history and etiologic investigation. Am J Dis Child 1981; 135:743-745.
6. Stanley C, Mills JL, Baker L. Intra-gastric feeding in type I glycogen storage disease: Factors affecting the control of lactic acidemia. Pediatr Res 1981; 15:1504-1508.
7. Mills JL. Malformations in infants of diabetic mothers. Teratology 1982; 25:385-394.
8. Mills JL, Harley E, Reed G, Berendes HW. Are spermicides teratogenic? JAMA 1982; 248:2148-2151.
9. Mills JL, Fishl A, Knopp R, Ober C, Jovanovic L, Polk BF, and the DIEP. Malformations in infants of diabetic mothers: Problems in study design. Prev Med 1983; 12:274-286.
10. Mills JL, Harley EE, Moessinger A. Standards for measuring umbilical cord length. Placenta 1983; 4:423-425.

11. Breskin M, Worthington-Roberts B, Knopp R, Brown Z, Plovie B, Mottet N, Mills JL. First trimester serum zinc concentrations in human pregnancy. Am J Clin Nutr 1983; 38:943-953.
12. Diabetes Research Program - National Institutes of Health. Summary of a Workshop on Immunosuppression in the Management of Type I Diabetes Mellitus (IDDM). N Engl J Med 1983; 309:1199-1200.
13. Jovanovic L, Mills JL, Peterson C. Anti-insulin antibody titers do not influence control or insulin requirements in early pregnancy. Diabetes Care 1984; 7:68-71.
14. Rhoads GG, Mills JL. The role of the case-control study in evaluating health interventions: Vitamin supplementation and neural tube defects. Am J Epidemiol 1984; 120:803-808.
15. Mills JL, Jefferys J, Stolley P. Effects of occupational exposure to estrogen and progestogens. J Occup Med 1984; 26:269-272.
16. Mills JL, Graubard BI, Harley EE, Rhoads GG, Berendes HW. Maternal alcohol consumption and birth weight: How much drinking during pregnancy is safe? JAMA 1984; 252:1875-1879.
17. Mills JL, Reed G, Nugent RP, Harley EE, Berendes HW. Are there adverse effects of periconceptional spermicide use? Fertil Steril 1985; 43:442-446.
18. Castracane VD, Jovanovic L, Mills JL. Effect of normoglycemia before conception on early pregnancy hormone profiles. Diabetes Care 1985; 8:473-476.
19. Klebanoff MA, Mills JL, Berendes HW. Mother's birth weight as a predictor of macrosomia. Am J Obstet Gynecol 1985; 153:253-257.
20. Klebanoff MA, Mills JL. Is vomiting during pregnancy teratogenic? Brit Med J 1986; 292:724-726.
21. Marx S, Vinik A, Santen R, Floyd J, Mills JL, Green J. Multiple endocrine neoplasia type I: Assessment of laboratory tests to screen for the gene in a large kindred. Medicine 1986; 65:226-241.
22. Mills JL, Shiono PH, Shapiro L, Crawford P, Rhoads GG. Early growth predicts timing of puberty in boys: Results of a 14 year nutrition and growth study. J Pediatr 1986; 109:543-547.
23. Rhoads GG, Mills JL. Can vitamin supplements prevent neural tube defects? Current evidence and ongoing investigations. Clin Obstet Gynecol 1986; 29:569-579.
24. Mills JL. Malformations in infants of diabetic mothers. In: John Sever, Robert Brent (eds.). Teratogen Update. Alan R. Liss, New York, 1986, pp. 165-176.
25. Freni-Titulaer LW, Cordero JF, Haddock L, Lebron G, Martinez R, Mills JL. Premature thelarche in Puerto Rico: A search for environmental factors. Am J Dis Child 1986; 140:1263-1267.
26. Moessinger AC, Mills JL, Harley EE, Ramakrishnan R, Berendes HW, Blanc WA. Umbilical cord length in Down's syndrome. Am J Dis Child 1986; 140:1276-1277.
27. Mills JL, Alexander D. Teratogens and "litogens". N Engl J Med 1986; 315:1234-1236.

28. Mills JL, Graubard BI, Klebanoff MA. An association of placenta praevia and sex ratio at birth. Brit Med J 1987; 294:544.
29. Mills JL, Graubard BI. Is moderate drinking during pregnancy associated with an increased risk for malformations? Pediatr 1987; 80:309-314.
30. Jovanovic L, Singh M, Saxena BB, Mills JL, Tulchinsky D, Holmes LB, Simpson JL, Metzger BE, LaBarbera A, Aarons JH, Van Allen MI, the NICHD-DIEP Study Group. Verification of early pregnancy tests in a multicentered trial. Proc Soc Exp Biol Med 1987; 184:201-205.
31. Simpson JL, Mills JL, Holmes LB, Ober CL, Aarons JH, Jovanovic L, Knopp RH, the DIEP Study Group. Low fetal loss rates following ultrasound-proved viability in early pregnancy. JAMA 1987; 258:2555-2557.
32. Sweeney AM, Meyer MR, Aarons JH, Mills JL, LaPorte RE. Evaluation of methods for the prospective identification of early fetal losses in environmental epidemiology studies. Am J Epidemiol 1988; 127:843-850.
33. Mills JL, Knopp RH, Simpson JL, Jovanovic-Peterson L, Metzger BE, Holmes LB, Aarons JH, Brown Z, Reed GF, Bieber FR, Van Allen M, Holzman I, Ober C, Peterson CM, Withiam MJ, Duckles A, Mueller-Heubach E, Polk BF, the NICHD-DIEP Study. Lack of relation of increased malformation rates in infants of diabetic mothers to glycemic control during organogenesis. N Engl J Med 1988; 318:671-676.
34. Mills JL, Simpson JL, Driscoll SG, Jovanovic-Peterson L, Van Allen M, Aarons JH, Peterson CM, Withiam-Wilson M, Brown Z, Ober C, Harley E, Macpherson TA, Duckles A, Mueller-Heubach E, the NICHD-DIEP Study. Incidence of spontaneous abortion among normal women and insulin-dependent diabetic women whose pregnancies were identified within 21 days of conception. N Engl J Med 1988; 319:1617-1623.
35. Braunstein GD, Mills JL, Reed GD, Jovanovic LC, Holmes LB, Aarons JH, Simpson JL, the NICHD-DIEP Study Group. Comparison of serum placental protein hormone levels in diabetic and normal pregnancy. J Clin Endocrin Metab 1989; 68:3-8.
36. Simpson JL, Mills JL, Morey A, Metzger BE, Knopp RH, Holmes LB, Jovanovic L, Aarons JH, Brown Z, Van Allen M, Elias S, NICHD-DIEP Study Group. Drug ingestion during pregnancy: infrequent exposure in a contemporary United States sample. Am J Perinatol 1989; 6:244-251.
37. Mills JL, Rhoads GG, Simpson JL, Cunningham GC, Conley MR, Lassman MR, Walden ME, Depp OR, Hoffman HJ, and the NICHD-Neural Tube Defects Study Group. The absence of a relation between the periconceptual use of vitamins and neural-tube defects. N Engl J Med 1989; 321:430-435.
38. Morin NC, Wirth FH, Johnson DH, Frank LM, Pressburg HJ, Van De Water VL, Chee EM, Mills JL. Congenital malformations and psychosocial development in children conceived by in vitro fertilization. J Pediatr 1989; 115:222-227.
39. Sweeney AM, Meyer MR, Mills JL, Aarons JH, LaPorte RE. Evaluation of recruitment strategies for prospective studies of spontaneous abortion. J Occupat Med 1989; 31:980-985.
40. Mills JL, Simpson JL, Rhoads GG, Graubard BI, Hoffman HJ, Conley MR, Lassman M, Cunningham G. Risk of neural tube defects in relation to maternal fertility and fertility drug use. The Lancet 1990; 336:103-104.

41. Mills JL, Fradkin J, Schonberger L, Gunn W, Thomson RA, Piper J, Wysowski D, Brown P. Status report on the U.S. human growth hormone recipient follow-up study. Hormone Res 1990; 33:116-120.
42. Jovanovic-Peterson L, Peterson CM, Reed GF, Metzger BE, Mills JL, Knopp RH, Aarons JH, and the NICHD-DIEP Study. Maternal postprandial glucose levels and infant birth weight: The Diabetes in Early Pregnancy Study. Am J Obstet Gynecol 1991; 164:103-111.
43. Fradkin JL, Schonberger LB, Mills JL, Gunn WJ, Piper JM, Wysowski DK, Thomson R, Durako S, Brown P. Creutzfeldt-Jakob disease in pituitary growth hormone recipients in the United States. JAMA 1991; 265:880-884.
44. Simpson JL, Mills JL, Rhoads GG, Cunningham GC, Hoffman HJ, Conley MR. Vitamins, folic acid and neural tube defects: Comments on investigations in the United States. Prenatal Diagnosis (Special issue relating to International Congress on Early Fetal Diagnosis)1991; 11:641-648.
45. Mills JL, Klebanoff MA, Graubard BI, Carey JC, Berendes HW. Barrier contraceptive methods and preeclampsia. JAMA 1991; 265:70-73.
46. Simpson JL, Mills JL, Rhoads GG, Cunningham GC, Conley MR, Hoffman HJ. Genetic heterogeneity in neural tube defects. Ann Génét 1991; 34:279-286.
47. Peterson CM, Jovanovic-Peterson L, Mills JL, Conley MR, Knopp RH, Reed GF, Aarons JH, Holmes LB, Brown Z, Van Allen M, Schmeltz R, Metzger BE, the NICHD-Diabetes in Early Pregnancy Study. The Diabetes in Early Pregnancy Study: Changes in cholesterol, triglycerides, body weight, and blood pressure. Am J Obstet Gynecol 1992; 166:513-518.
48. Brown ZA, Mills JL, Metzger BE, Knopp RH, Simpson JL, Jovanovic-Peterson L, Scheer K, Van Allen MI, Aarons JH, Reed GF, and the National Institute of Child Health and Human Development Diabetes in Early Pregnancy Study. Early sonographic evaluation for fetal growth delay and congenital malformations in pregnancies complicated by insulin-requiring diabetes mellitus. Diabetes Care 1992; 15:613-619.
49. Mills JL, Tuomilehto J, Yu KF, Colman N, Blaner WS, Koskela P, Rundle WE, Forman M, Toivanen L, Rhoads GG. Maternal vitamin levels during pregnancies producing infants with neural tube defects. J Pediatr 1992; 120:863-871.
50. Mills JL, Raymond E. Effects of recent research on recommendations for periconceptional folate supplement use. Ann N Y Acad Sci `993; 678:137-145.
51. Mills JL, Holmes L, Aarons JH, Simpson JL, Brown ZA, Jovanovic-Peterson, LG, Conley MR, Graubard BI, Knopp R, Metzger BE. Moderate caffeine use and the risk of spontaneous abortion and intrauterine growth retardation. JAMA 1993; 269:593-597.
52. Klebanoff MA, Read JS, Mills JL, Shiono PH. The risk of childhood cancer after neonatal exposure to vitamin K. N Engl J Med 1993; 329:905-908.
53. Jacobson JM, Colman N, Ostrow NA, Simson RW, Tomesch D, Marlin L, Rao M, Mills J, Clemen J, Prince AM. Passive immunotherapy in the treatment of advanced HIV infection. J Infect Dis 1993; 168:298-305.
54. Mills JL, Simpson JL. Prospects for prevention of neural tube defects by vitamin supplementation. Current Opinion in Neurology and Neurosurgery 1993; 6:554-558.

55. Robins LN, Mills JL, Krulewitch C, Herman AA. Effects of in utero exposure to street drugs. Amer J Publ Hlth 1993; Supplement to vol. 83:1-32.
56. Raymond E, Mills JL. Placental abruption: Maternal risk factors and associated fetal conditions. Acta Obstet Gynecol Scand 1993; 72:633-639.
57. Mills JL. Data torturing. N Engl J Med 1993; 329:1196-1199.
58. Fradkin JE, Mills JL, Schonberger LB, Wysowski DK, Thomson R, Durako SJ, Robison LL. Risk of leukemia after treatment with pituitary growth hormone. JAMA 1993; 270:2829-2832.
59. Waller KD, Mills JL, Simpson JL, Cunningham GC, Conley MR, Lassman MR, Rhoads GG. Are obese women at risk for producing malformed offspring? Am J Obstet Gynecol 1994; 170:541-548.
60. Shu XO, Jin F, Linet MS, Zheng W, Clemens J, Mills J, Gao YT. Diagnostic x-ray and ultrasound exposure and risk of childhood cancer. Brit J Cancer 1994; 70:531-536.
61. Haupt R, Fears TR, Robison LL, Mills JL, Nicholson HS, Zeltzer LK, Meadows AT, Byrne J. Educational attainment in long-term survivors of childhood acute lymphoblastic leukemia. JAMA 1994; 272:1427-1432.
62. Mills JL, McPartin JM, Kirke PN, Lee YJ, Conley MR, Weir DG, Scott JM. Homocysteine metabolism in pregnancies complicated by neural-tube defects. Lancet 1995; 345:149-151.
63. Shu XO, Hatch MC, Mills JL, Clemens JD, Susser M. Maternal smoking, alcohol drinking, caffeine consumption and fetal growth: Results from a prospective study. Epidemiol 1995; 6:115-120.
64. Chew EY, Mills JL, Metzger BE, Remaley NA, Jovanovic-Peterson L, Knopp RH, Conley MR, Rand L, Simpson JL, Holmes LB, Aarons JH, and the NICHD Diabetes in Early Pregnancy Study. Metabolic control and progression of retinopathy: The Diabetes In Early Pregnancy Study. Diabetes Care 1995; 18:631-637.
65. Mills JL, Conley MR. Periconceptional vitamin supplementation to prevent neural tube defects: How can we do it? Eur J Obstet Gynecol Reprod Biol 1995; 61:49-55.
66. Mills JL, Scott JM, Kirke PN, McPartin JM, Conley MR, Weir DG, Molloy AM, Lee YJ. Homocysteine and neural tube defects. J Nutr 1996; 126:756S-760S.
67. Simpson JL, Mills JL, Kim H, Holmes LB, Lee J, Metzger B, Knopp R, Jovanovic-Peterson L, Aarons J, Conley M. Infectious processes: an infrequent cause of first trimester spontaneous abortions. Hum Reprod 1996; 11:668-72.
68. Whitehead AS, Gallagher P, Mills JL, Kirke PN, Burke H, Molloy AM, Weir DG, Shields DC, Scott JM. A genetic defect in 5,10 methylenetetrahydrofolate reductase in neural tube defects. Q J Med 1995; 88:763-766.
69. Kenney LB, Nicholson HS, Brasseux C, Mills JL, Robison LL, Zeltzer LK, Meadows AT, Reaman GH, Byrne J. Birth defects in offspring of adult survivors of childhood acute lymphoblastic leukemia: a Children=s Cancer Group/National Institutes of Health Report. Cancer 1996; 78:169-176.

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