

# CURRICULUM VITAE

*Name:* Allen James Wilcox

*Education:*

1968	BA	University of Michigan, Ann Arbor, Michigan
1973	MD	School of Medicine, University of Michigan, Ann Arbor, Michigan
1976	MPH	Department of Maternal and Child Health, School of Public Health, University of North Carolina, Chapel Hill, North Carolina
1979	PhD	Department of Epidemiology, School of Public Health, University of North Carolina, Chapel Hill, North Carolina (dissertation: <i>Birthweight and Perinatal Mortality</i> )

*Certification:*

1983-	American Board of Preventive Medicine (#40686): Specialist in Public Health and General Preventive Medicine
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*Employment:*

1973-1974	Research Consultant, Pediatrics University of Rochester School of Medicine Rochester, New York
1974-1975	Intern, Medicine and Psychiatry Upstate Medical Center, State University of New York Syracuse, New York
1976-1978	Resident, Preventive Medicine University of North Carolina School of Medicine Chapel Hill, North Carolina
1979-2001	Research Medical Officer National Institute of Environmental Health Sciences (NIEHS) Research Triangle Park, North Carolina
1984-1986	Acting Chief, Epidemiology Branch, NIEHS
1989-1999	Chief, Reproductive Epidemiology Section, NIEHS
1991-2001	Chief, Epidemiology Branch, NIEHS
2001-present	Senior Investigator, Epidemiology Branch, NIEHS

*University Affiliations:*

Professor (Adjunct), Department of Epidemiology, University of North Carolina, 1979-  
Professor of Epidemiology, University of Bergen, Norway, 2001-2004

*Teaching:*

Lecturer: MCH 210, MCH 213, EPID 219, University of North Carolina, 1980-present  
Course leader, Advanced Seminar in Reproductive Epidemiology, University of North Carolina at Chapel Hill, Fall and Spring terms, 1986-1992  
Guest Faculty, Student Workshop, Society for Epidemiologic Research, 1994  
Faculty, Graduate Summer Session in Epidemiology, University of Michigan, "Epidemiology 727: Fertility and Pregnancy," 2005, 2006  
Faculty, Summer School in Public Health, Universidad Miguel Hernandez, Menorca, Spain, "Epidemiology of Fertility and Pregnancy," 2006  
Faculty, Summer School of Epidemiology, Ulm University, Ulm, Germany, "Reproductive and Perinatal Epidemiology," 2007  
Faculty, European Educational Programme in Epidemiology, Florence, Italy, "Reproductive Epidemiology," 2008, 2010  
Faculty, University of Southern Denmark, Odense, Denmark, "Reproductive & Perinatal Epidemiology," 2010  
Fourteen masters and doctoral committees  
External examiner: Kaare Christensen, Odense University, 1999, Doctor Medicinae  
Lena George, Karolinska University, 2006, PhD  
Mette Juhl, University of Copenhagen, 2009, PhD

*Editorial:*

Associate Editor, *American Journal of Epidemiology*, 1988-1998  
North American Editor, *Pædiatric and Perinatal Epidemiology*, 1996-2000  
Editorial Board, *Reproductive Toxicology*, 1997-1999  
Editorial Board, *Environmental Health Perspectives*, 1997-2004  
Editor, *American Journal of Epidemiology*, 1999-2000  
Editor-in-Chief, *Epidemiology*, 2001-

*Professional Societies:*

Society for Epidemiologic Research, 1977-present  
Executive Committee, 1991-1994  
President, 1998  
International Epidemiology Association, 1984-present  
Society for Pediatric and Perinatal Epidemiologic Research, 1988-  
President, 1996  
American Epidemiological Society, 1989-present  
President, 2003  
American College of Epidemiology, 1991-present  
Board of Directors, 2009-2011  
World Association of Medical Editors, 1998-  
International Society for Environmental Epidemiology, 1998-present

*Awards:*

- Delta Omega (public health honorary society), 1978
  - Delta Omega Merit Award, 1979
- Alumni Award, Department of Epidemiology, University of North Carolina School of Public Health, 1986
- US Public Health Service
  - Commendation Medal, 1988
  - Outstanding Service Medal, 1990
    - “for development and implementation of innovative research methods in reproductive epidemiology”*
  - Meritorious Service Medal, 1997
    - “for his role as a pioneer in the epidemiology of reproductive and perinatal disorders”*
  - Distinguished Service Medal 2002 [highest award of US PHS]
    - “for exemplary scientific achievement and public service”*
- Election to the American Epidemiological Society, 1989
- Fellow, American College of Epidemiology, 1991
- National Institutes of Health Director’s Award
  - 1998: *“for significant contributions as Chair of the NIEHS Institutional Review Board in promoting the welfare of human research subjects”*
  - 2001: *“for outstanding contributions to public health through leadership and innovative research in reproductive epidemiology”*
- Herman A. Tyroler Distinguished Alumni Award, Epidemiology Section, Alumni Association, University of North Carolina School of Public Health, 2000
- Harriet Barr Distinguished Alumni Award, University of North Carolina School of Public Health, 2006
- Doctor Honoris Causa (honorary PhD), University of Bergen, 2008
  - “for your contributions toward making epidemiology one of the central disciplines of modern medicine”*
- National Maternal and Child Health Epidemiology Greg Alexander Award, 2009
  - “for advancing public health through epidemiologic research”*

*Service:*

- NIEHS: Institutional Review Board 1983-1992
  - Chair, 1994-1998
  - Committee on Promotions, 1987-1992
  - Director’s Executive Committee, 1994-1997
  - Chair, Search Committee, Clinical Director, 1996
  - Co-chair, Combined Federal Campaign, 1996
  - Clinical Advisory Council, Division of Intramural Research, 1998-2003
  - Scientific Organizing Committee, Conference on “Epidemiology in the 21<sup>st</sup> Century”, 1999

*Service (cont'd.):*

(NIEHS, cont'd.)

Search Committee, Deputy Director of National Toxicology Program, 1999  
Search Committee, Chief of Laboratory of Pulmonary Pathobiology, 1999  
DIR Seminar Committee, 1999-2002  
Committee on Promotions and Tenure, 2002-2005  
Planning Committee, Strategic Planning Forum, 2005

Other Government:

NIH – National Heart, Lung and Blood Institute – Search Committee, Director of Epidemiology and Biometry Program, 1995  
National Institute of Child Health and Human Development (NICHD) – Search Committee, Chief of Epidemiology Branch, 1999  
National Cancer Institute-Costa Rica HPV Vaccine Trial, Data Safety Monitoring Board, Consultant, 2007-2008  
NIH – Epidemiology and Biostatistics Review Panel (Tenure and Promotions), 1995-present  
Environmental Protection Agency – Interagency Coordinating Committee, National Human Exposure Assessment Survey (NHEXAS), 1993-1996  
Chair, Review Panel, Reproductive Effects of Disinfection By-products, 1997  
California Department of Health Services – Advisory Committee, California Birth Defects Monitoring Program, 1996-2001

The National Academies:

Institute of Medicine – Committee to Study the Need for Epidemiologic Studies of Adverse Reproductive Outcomes in Families of Military Personnel Present at Atmospheric Tests of Nuclear Weapons, 1995  
National Research Council – Panel on Drinking Water Contamination and Related Health Effects at Camp Lejeune, North Carolina, 2005  
Institute of Medicine – Committee to Evaluate the VA's Presumptive Disability Decision-Making Process, 2006-2007  
Committee on Science, Technology, and Law, Committee on the Development of the Third Edition of *Reference Manual on Scientific Evidence*, 2007-11

Universities:

University of North Carolina, Department of Epidemiology, Graduate Studies Sub-committee, 1984-1985  
Johns Hopkins – IBM Reproductive Health Study, Technical Advisory Group, 1989-1993  
Harvard School of Public Health – Chair, Advisory Committee, China Reproductive Epidemiology Studies, 1996-2002

*Service (cont'd.):*

(Universities, cont'd.)

- University of North Carolina –Program for Women’s Health Research, Advisory Board, 2000-2001
- North Carolina Center for Birth Defects Research and Prevention, Advisory Committee, 2001-present
- University of North Carolina, Center for Women’s Health Research, Advisory Committee, 2005-present
- University of North Carolina 7<sup>th</sup> Annual Women’s Health Research Day, Judge, 2006
- Harvard University, External Advisory Committee, “Environmental Challenges to Pregnancy” Research Project, 2006-present;  
External Advisory Committee, Training Grant for Reproductive, Perinatal and Pediatric Epidemiology, 2010-present

Other:

- Chemical Industry Institute of Toxicology, Reproductive and Developmental Toxicology Advisory Panel, 1989
- March of Dimes Birth Defects Foundation, Research Advisory Committee, 1986-1992
- Association Des Epidémiologistes de Langue Française (ADELF) – Scientific Organizing Committee for the 21st Congress, Brussels, 1996
- American Journal of Epidemiology*, Board of Overseers, 1998-1999
- 2001 Congress of Epidemiology, Planning Committee, 1999-2001
- International Epidemiology Institute – Scientific Advisory Committee, Study of Genetic and Reproductive Effects of Radiation and Chemotherapy on Survivors of Childhood Cancer, 2000-2002
- World Health Organization (Geneva) – Technical Consultation towards the Development of a Strategy for Promoting Optimal Fetal Growth, 2003
- Second International Symposium on Successive Pregnancy Outcomes, Co-Organizer, New Brunswick NJ, 2005
- “Faculty of 1000,” Public Health and Epidemiology Evaluation Board, 2006-2009
- North American Congress of Epidemiology 2011 – Scientific Program Committee
- International Society for Environmental Epidemiology – Scientific Planning Committee, Barcelona 2011
- International Society for Environmental Epidemiology – Scientific Planning Committee, Columbia SC 2012

*Community:*

- Durham Central Park, Board of Directors, 1996-present (Co-founder; President, 2005)
- Downtown Durham, Inc., Board of Directors, 1998-present
- Little Green Pig Theater Company, Board of Directors, 2006-present

*Peer-reviewed Research Articles:*

1. Wilcox AJ, McAnarney ER. The pediatrician and the prevention of adolescent pregnancy. *Clin Pediatr* 14:226-31; 1975.
2. Wilcox AJ. Birthweight, gestation and the fetal growth curve. *Am J Obstet Gynecol* 139:863-67; 1981.
3. Wilcox AJ, Treloar AE, Sandler DP. Spontaneous abortion over time: comparing occurrence in two cohorts of women a generation apart. *Am J Epidemiol* 114:548-53; 1981.
4. Wilcox AJ, Gladen, BC. Spontaneous abortion: the role of heterogeneous risk and selective fertility. *Early Hum Dev* 7:165-78; 1982.
5. Wilcox AJ. Surveillance of pregnancy loss in human populations. *Am J Ind Med* 4:285-91; 1983. [Reprinted: Mattison DR (ed.). *Reproductive Toxicology*. New York, Alan R Liss Co.; 1983.]
6. Wilcox AJ, Russell, IT. Birthweight and perinatal mortality: I. On the frequency distribution of birthweight. *Int J Epidemiol* 12:314-18; 1983.
7. Wilcox AJ, Russell, IT. Birthweight and perinatal mortality: II. On weight-specific mortality. *Int J Epidemiol* 12:319-25; 1983.
8. Wilcox AJ, Russell, IT. Perinatal mortality: standardizing for birthweight is biased. *Am J Epidemiol* 118:857-64; 1983.
9. Wilcox AJ. Intrauterine growth retardation: beyond birthweight criteria. *Early Hum Dev* 8:189-93; 1983.
10. Sandler, DP, Wilcox AJ, Horney LF. Age at menarche and subsequent reproductive events. *Am J Epidemiol* 119:765-74; 1984.
11. Wilcox AJ, Horney LF. Accuracy of spontaneous abortion recall. *Am J Epidemiol* 120:727-33; 1984.
12. Sandler DP, Everson RB, Wilcox AJ. Passive smoking in adulthood and cancer risk. *Am J Epidemiol* 121:37-48; 1985.
13. Sandler DP, Everson RB, Wilcox AJ, Browder JP. Cancer risk in adulthood from early life exposure to parent's smoking. *Am J Public Health* 75:487-92; 1985.
14. Sandler DP, Wilcox AJ, Everson RB. Cumulative effects of lifetime passive smoking on cancer risk. *Lancet* i:312-15; 1985.

*Peer-reviewed Research Articles (cont'd.):*

15. Baird DD, Wilcox AJ. Cigarette smoking associated with delayed conception. *JAMA* 253:2979-83; 1985.
16. Rogan WJ, Gladen BC, Wilcox AJ. Potential reproductive and postnatal morbidity from exposure to polychlorinated biphenyls: epidemiologic considerations. *Environ Health Perspect* 60:233-40; 1985.
17. Wilcox AJ, Weinberg CR, Wehmann RE, Armstrong EG, Canfield RE, Nisula BC. Measuring early pregnancy loss: laboratory and field methods. *Fertil Steril* 44:366-74; 1985.
18. Wilcox AJ, Russell IT. Birthweight and perinatal mortality: III. Toward a new method of analysis. *Int J Epidemiol* 15:188-96; 1986.
19. Baird DD, Wilcox AJ, Weinberg CR. Use of time to pregnancy to study environmental exposures. *Am J Epidemiol* 124:470-80; 1986.
20. Baird DD, Wilcox AJ. Future fertility after prenatal exposure to cigarette smoke. *Fertil Steril* 46:368-72; 1986.
21. Everson RB, Sandler DP, Wilcox AJ, Schreinemachers D, Shore DL, Weinberg CR. Effect of passive exposure to smoking on age at natural menopause. *Brit Med J* 293:792; 1986.
22. Wilcox AJ, Weinberg CR, Armstrong EG, Canfield RE. Urinary human chorionic gonadotropin among intrauterine device users: detection with a highly specific and sensitive assay. *Fertil Steril* 47:265-69; 1987.
23. Canfield RE, O'Connor JF, Birken S, Krichevsky A, Wilcox AJ. Development of an assay for a biomarker of pregnancy and early fetal loss. *Environ Health Perspect* 74:57-66; 1987.
24. Wilcox AJ, Baird DD, Weinberg CR, Armstrong EG, Musey PI, Wehmann RE, Canfield RE. The use of biochemical assays in epidemiologic studies of reproduction. *Environ Health Perspect* 75:29-35; 1987.
25. Wilcox AJ, Sandler DP, Everson RB. Using father's age to explore the role of germ cell mutation as a cause of human cancer. *Int J Epidemiol* 17:469-71; 1988.
26. Wilcox AJ, Weinberg CR, O'Connor JF, Baird DD, Schlatterer JP, Canfield RE, Armstrong EG, Nisula BC. Incidence of early loss of pregnancy. *New Engl J Med* 319:189-94; 1988.

*Peer-reviewed Research Articles (cont'd.):*

27. Skjærven R, Wilcox AJ, Lie RT, Irgens LM. Selective fertility and the distortion of perinatal mortality. *Am J Epidemiol* 128:1352-63; 1988.
28. Wilcox AJ, Weinberg CR, Baird DD. Caffeinated beverages and decreased fertility. *Lancet* ii:1453-57; 1988.
29. Skjærven R, Wilcox AJ, Russell D. Birthweight and perinatal mortality of second births conditional on weight of the first. *Int J Epidemiol* 17:830-38; 1988.
30. Canfield RE, O'Connor JF, Wilcox AJ. Measuring human chorionic gonadotropin for detection of early pregnancy loss. *Reprod Toxicol* 2:199-203; 1988.
31. Weinberg CR, Wilcox AJ, Baird DD. Reduced fecundability in women with prenatal exposure to cigarette smoking. *Am J Epidemiol* 129:1072-78; 1989.
32. Wilcox AJ, Baird DD, Weinberg CR. Do women with childhood exposure to cigarette smoking have increased fecundability? *Am J Epidemiol* 129:1079-83; 1989.
33. Hornsby PP, Wilcox AJ. Validity of questionnaire information on frequency of coitus. *Am J Epidemiol* 130:94-99; 1989.
34. Wilcox AJ, Russell IT. Why small black infants have lower mortality than small white infants: the case for population-specific standards for birth weight. *J Pediatr* 116:7-10; 1990.
35. Wilcox AJ, Weinberg CR, Baird DD. Risk factors for early pregnancy loss. *Epidemiol* 1:382-85; 1990.
36. Baird DD, Weinberg CR, Wilcox AJ, McConnaughey DR, Musey PI. Using the ratio of urinary estrogen and progesterone metabolites to estimate day of ovulation. *Statist Med* 10:255-66; 1991.
37. Baird DD, Weinberg CR, Wilcox AJ, McConnaughey DR, Musey PI, Collins DC. Hormonal profiles of natural conception cycles ending in early, unrecognized pregnancy loss. *J Clin Endocrinol Metab* 72:793-800; 1991.
38. Weinberg CR, Hertz-Picciotto I, Baird DD, Wilcox AJ. Efficiency and bias in studies of early pregnancy loss. *Epidemiol* 3:17-22; 1992.
39. Wilcox AJ, Skjærven R. Birthweight and perinatal mortality: the effect of gestational age. *Am J Public Health* 82:378-82; 1992.

*Peer-reviewed Research Articles (cont'd.):*

40. Taylor JA, Yu L, You M, Wilcox AJ, Liu E. B region variant of the estrogen receptor gene. *Nucleic Acids Res* 20:2895; 1992.
41. Ratcliffe JM, Gladen, BC, Wilcox AJ, Herbst AL. Does early exposure to maternal smoking affect future fertility in adult males? *Reprod Toxicol* 6:297-307; 1992.
42. Rowland AS, Baird DD, Weinberg CR, Shore DL, Shy CM, Wilcox AJ. Reduced fertility among women employed as dental assistants exposed to high levels of nitrous oxide. *New Engl J Med* 327:993-97; 1992.
43. Wilcox AJ, Maxey J, Herbst AL. Prenatal diethylstilbestrol exposure and performance on college entrance examinations. *Horm Behav* 26:433-39; 1992.
44. Buekens P, Wilcox AJ. Why do small twins have a lower mortality rate than small singletons? *Am J Obstet Gynecol* 168:937-41; 1993.
45. Wilcox AJ. Birthweight and perinatal mortality: the effect of maternal smoking. *Am J Epidemiol* 137:1098-1104; 1993.
46. Taylor JA, Wilcox AJ, Bowes WA, Li Y, Liu ET, You M. Risk of miscarriage and a common variant of the estrogen receptor gene. *Am J Epidemiol* 137:1361-64; 1993.
47. Wilcox AJ. Infant mortality revisited. *Pædiatr Perinat Epidemiol* 7:347-48; 1993.
48. Rowland AS, Baird DD, Weinberg CR, Shore DL, Shy CM, Wilcox AJ. The effect of occupational exposure to mercury vapour on the fertility of female dental assistants. *Occup Environ Med* 51:28-34; 1994.
49. Hornsby PP, Wilcox AJ, Weinberg CR, Herbst AL. Effects on the menstrual cycle of *in utero* exposure to diethylstilbestrol. *Am J Obstet Gynecol* 170:709-15; 1994.
50. Weinberg CR, Baird DD, Wilcox AJ. Sources of bias in studies of time to pregnancy. *Statist Med* 13:671-81; 1994.
51. Baird DD, Weinberg CR, Schwingl P, Wilcox AJ. Selection bias associated with contraceptive practice in time-to-pregnancy studies. *Ann NY Acad Sci* 709:156-64; 1994.
52. Weinberg CR, Baird DD, Wilcox AJ. Bias in retrospective studies of spontaneous abortion based on the outcome of the most recent pregnancy. *Ann NY Acad Sci* 709:280-86; 1994.
53. Lie RT, Wilcox AJ, Skjærven R. A population-based study of risk of recurrence of birth defects. *New Engl J Med* 331:1-4; 1994.

*Peer-reviewed Research Articles (cont'd.):*

54. Weinberg CR, Gladen BC, Wilcox AJ. Models relating the timing of intercourse to the probability of conception and the sex of the baby. *Biometrics* 50:358-67; 1994.
55. Wilcox AJ, Skjærven R, Irgens LM. Harsh social conditions and perinatal survival: An age-period-cohort analysis of the World War II occupation of Norway. *Am J Public Health* 84:1463-67; 1994.
56. Weinberg CR, Moledor E, Baird DD, Wilcox AJ. Is there a seasonal pattern in early pregnancy loss? *Epidemiol* 5:484-89; 1994.
57. Hornsby PP, Wilcox AJ, Herbst AL. Onset of menopause in women exposed to diethylstilbestrol *in utero*. *Am J Obstet Gynecol* 172:92-95; 1995.
58. Wilcox AJ, Skjærven R, Buekens P, Kiely J. Birthweight and perinatal mortality: A comparison of the United States and Norway. *JAMA* 273:709-11; 1995.
59. Weinberg CR, Wilcox AJ, Baird DD. The sex of the baby may be related to the length of the follicular phase in the conception cycle. *Hum Reprod* 10:304-7; 1995.
60. Rowland AS, Baird DD, Shore DL, Weinberg CR, Savitz DA, Wilcox AJ. Nitrous oxide and spontaneous abortion in female dental assistants. *Am J Epidemiol* 141:531-38; 1995.
61. Henriksen TB, Hedegaard M, Secher NJ, Wilcox AJ. Standing at work and preterm delivery. *Brit J Obstet Gynecol* 102:198-206; 1995.
62. Wilcox AJ, Baird DD, Weinberg CR, Hornsby PP, Herbst AL. Fertility in men exposed prenatally to diethylstilbestrol. *New Engl J Med* 332:1411-16; 1995.
63. Øyen N, Skjærven R, Little RE, Wilcox AJ. Fetal growth retardation in Sudden Infant Death Syndrome (SIDS) babies and their siblings. *Am J Epidemiol* 142:84-90; 1995.
64. Buekens P, Wilcox AJ, Kiely J, Masuy-Stroobant G. Birthweight, preterm births and neonatal mortality in Belgium and the United States. *Pediatr Perinat Epidemiol* 9:273-80; 1995.
65. Weinberg CR, Wilcox AJ. A model for estimating the potency and survival of human gametes *in vivo*. *Biometrics* 51:405-12; 1995.
66. Wilcox AJ, Umbach DM, Hornsby PP, Herbst AL. Age at menarche among diethylstilbestrol grand-daughters. *Am J Obstet Gynecol* 173:835-6; 1995.

*Peer-reviewed Research Articles (cont'd.):*

67. Henriksen TB, Wilcox AJ, Hedegaard M, Secher NJ. Bias in studies of preterm and postterm delivery due to ultrasound assessment of gestational age. *Epidemiol* 6: 533-37; 1995.
68. Baird DD, McConaughy DR, Weinberg CR, Musey PI, Collins DC, Kesner JS, Knecht EA, Wilcox AJ. Application of a method for estimating day of ovulation using urinary estrogen and progesterone metabolites. *Epidemiol* 6: 547-50; 1995.
69. Baird DD, Umbach DM, Lansdell L, Hughes CL, Setchell KDR, Weinberg CR, Haney AF, Wilcox AJ, McLachlan JA. Dietary intervention study to assess estrogenicity of dietary soy among postmenopausal women. *J Clin Endocrin Metab* 80: 1685-90; 1995.
70. Wilcox AJ. Molecular epidemiology: collision of two cultures. *Epidemiol* 6: 561-2; 1995.
71. Wilcox AJ, Weinberg CR, Baird DD. Timing of sexual intercourse in relation to ovulation: Effects on the probability of conception, survival of the pregnancy and sex of the baby. *New Engl J Med* 333: 1517-21; 1995.
72. Hirvonen A, Taylor JA, Wilcox AJ, Berkowitz G, Schacter B, Chaparro C, Bell DA. Xenobiotic metabolism genes and the risk of recurrent miscarriage. *Epidemiol* 7: 206-208; 1996.
73. Baird DD, Wilcox AJ, Herbst AL. Self-reported allergy, infection and autoimmune diseases among men and women exposed *in utero* to diethylstilbestrol. *J Clin Epidemiol* 49:263-6; 1996.
74. Rowland AS, Baird DD, Shore DL, Darden R, Wilcox AJ. Ethylene oxide may increase risk of spontaneous abortion, prematurity and post-term pregnancies. *Epidemiol* 7:363-8; 1996.
75. Wilcox AJ. Benefits of “harmful” genes. *Epidemiol* 7:450-1; 1996.
76. Umbach DM, Wilcox AJ. A technique for measuring epidemiologically useful features of birthweight distributions. *Statist Med* 15: 1333-48; 1996.
77. Ananth CV, Wilcox AJ, Savitz DA, Bowes WA, Luther ER. Effect of maternal age and parity on the risk of uteroplacental bleeding disorders in pregnancy. *Obstet Gynecol* 88: 511-6; 1996.
78. Weinberg CR, Skjærven R, Wilcox AJ. Statistical evidence for shared transient causes of anatomically distinct birth defects. *Statist Med* 15: 2029-36; 1996.

*Peer-reviewed Research Articles (cont'd.):*

79. Zhou H, Weinberg CR, Wilcox AJ, Baird DD. A random effects model for cycle viability in fertility studies. *JASA* 91: 1413-1422; 1996.
80. Skjærven R, Wilcox AJ, Øyen N, Magnus P. Mothers' birthweight and the survival of their offspring. *Brit Med J* 314: 1376-80; 1997.
81. Henriksen TB, Baird DD, Olsen J, Hedegaard M, Secher NJ, Wilcox AJ. Time to pregnancy and preterm delivery. *Obstet Gynecol* 89: 594-99; 1997.
82. Scialli AR, Swan SH, Amler RW, Baird DD, Eskenazi B, Gist G, Hatch MC, Kesner JS, Lemasters GK, Marcus M, Paul ME, Schulte P, Taylor A, Wilcox AJ and Zahniser C. Assessment of reproductive disorders and birth defects in communities near hazardous chemical sites. II. Female reproductive disorders. *Reprod Toxicol* 11: 231-42; 1997.
83. Wilcox AJ. Tapes from the Shy Trial defense: A leak, or red herring? *Epidemiol* 8: 684-5; 1997.
84. Baird DD, Wilcox AJ, Weinberg CR, Kamel F, McConnaughey DR, Musey PI, Collins DC. Preimplantation hormonal differences between the conception and nonconception menstrual cycles of 32 normal women. *Hum Reprod* 12: 2607-13; 1997.
85. Kesner JS, Knecht EA, Krieg EF, Wilcox AJ, O'Connor JF. Detecting preovulatory luteinizing hormone surges in urine. *Hum Reprod* 13: 15-21; 1998.
86. Wilcox AJ, Weinberg CR, Baird DD. Post-ovulatory ageing of the human oocyte and embryo failure. *Hum Reprod* 13: 394-97; 1998.
87. Hornsby PP, Wilcox AJ, Weinberg CR. Cigarette smoking and disturbance of menstrual function. *Epidemiol* 9: 193-98; 1998.
88. Shea KM, Wilcox AJ, Little RE. Post-term delivery: challenge for epidemiologic research. *Epidemiol* 9: 199-204; 1998.
89. Wilcox AJ, Weinberg CR, Lie RT. Distinguishing the effects of maternal and offspring genes through studies of 'case-parent triads'. *Am J Epidemiol* 148:893-901; 1998.
90. Weinberg CR, Wilcox AJ, Lie RT. A log-linear approach to case-parent triad data: assessing effects of disease genes that act either directly or through maternal effects, and that may be subject to parental imprinting. *Am J Hum Genet* 62: 969-78; 1998.
91. Weinberg CR, Wilcox AJ, Baird DD, Gladen B. The probability of conception as related to the timing of intercourse around ovulation. *Genus* LIV 3-4. 129-142; 1998.

*Peer-reviewed Research Articles (cont'd.):*

92. Baird DD, Weinberg CR, Zhou H, Kamel F, McConnaughey DR, Kesner JS, Wilcox AJ. Preimplantation urinary hormone profiles and the probability of conception in healthy women. *Fertil Steril* 71: 40-49; 1999.
93. Gjessing H, Skjærven R, Wilcox AJ. Errors in gestational age: evidence of bleeding early in pregnancy. *Am J Public Health*, 89: 213-18; 1999.
94. Skjærven R, Wilcox AJ, Lie RT. A population-based study of survival and childbearing in women with birth defects, and risk of recurrence in offspring. *New Engl J Med* 340: 1057-62; 1999.
95. Wilcox AJ, Taylor JA, Sharp RR, London SJ. Genetic determinism and the over-protection of human subjects. *Nat Genet* 21: 362; 1999.
96. Wilcox AJ, Baird DD, Weinberg CR. Time of implantation of the conceptus and loss of pregnancy. *New Engl J Med* 340:1796-9; 1999.
97. Dunson DB, Baird DD, Wilcox AJ, Weinberg CR. Day-specific probabilities of clinical pregnancy based on two studies with imperfect measures of ovulation. *Hum Reprod* 14:1835-1839; 1999.
98. Little RE, Monaghan SC, Gladen BC, Shkyryak-Nyzhnyk ZA, Wilcox AJ. Outcomes of 17137 pregnancies in 2 urban areas of Ukraine. *Am J Public Health* 89:1832-36; 1999.
99. Harlow SD, Baird DD, Weinberg CR, Wilcox AJ. Urinary oestrogen patterns in long follicular phases. *Hum Reprod* 15:11-16; 2000.
100. Buekens P, Notzon F, Kotelchuck M, Wilcox AJ. Why do Mexican-Americans have few low birthweight infants? *Am J Epidemiol* 152:347-51; 2000.
101. Wilcox AJ, Dunson D, Baird DD. The timing of the fertile window in the menstrual cycle: day-specific estimates from a prospective study. *Brit Med J* 321:1259-62; 2000.
102. Ananth CV, Wilcox AJ. Placental abruption and perinatal mortality in the United States. *Am J Epidemiol* 153:332-7; 2001.
103. Lie RT, Wilcox AJ, Skjaerven R. Survival and reproduction in males with birth defects. *JAMA* 285:755-60; 2001.
104. Dunson DB, Weinberg CR, Baird DD, Kesner JS, Wilcox AJ. Assessing human fertility using several markers of ovulation. *Statist Med* 20:965-78; 2001.

*Peer-reviewed Research Articles (cont'd.):*

105. Sayle AE, Savitz DA, Thorp JM, Hertz-Picciotto I, Wilcox AJ. Sexual activity during late pregnancy and risk of preterm delivery. *Obstet Gynecol* 97:283-9; 2001.
106. Wilcox AJ, Dunson DB, Weinberg CR, Trussell J, Baird DD. Likelihood of conception with a single act of intercourse: providing benchmark rates for assessment of post-coital contraceptives. *Contraception* 63:211-5; 2001.
107. Dunson DB, Weinberg CR, Wilcox AJ. Modeling multiple ovulation, fertilization, and embryo loss in human fertility studies. *Biostat* 2:131-45; 2001
108. Wilcox AJ, Baird DD, Dunson D, McChesney R, Weinberg CR. Natural limits of pregnancy testing in relation to the expected menstrual period. *JAMA* 286:1759-61; 2001.
109. Wilcox AJ. On the importance – and the unimportance – of birth weight. *Int J Epidemiol* 30:1233-41; 2001.
110. Skjaerven R, Wilcox AJ, Lie RT. The interval between pregnancies and the risk of preeclampsia. *New Engl J Med* 346:33-8; 2002.
111. 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* 155:313-322; 2002.
112. Cho S-I, Goldman MB, Ryan LM, Chen C, Damokosh AI, Christiani DC, Lasley BL, O'Connor JF, Wilcox AJ, Xu X. Reliability of serial urine hCG as a biomarker to detect early pregnancy loss. *Hum Reprod* 17:1060-66; 2002.
113. Sayle AE, Wilcox AJ, Weinberg CR, Baird DD. A prospective study of the onset of symptoms of pregnancy. *J Clin Epidemiol* 55:676-80; 2002.
114. Basso O, Weinberg CR, Baird DD, Wilcox AJ, Olsen J. Subfecundity as a correlate of pre-eclampsia: a study within the Danish National Birth Cohort. *Am J Epidemiol* 157:195-202; 2003.
115. Baird DD, Weinberg CR, McConaughey DR, Wilcox AJ. Rescue of the corpus luteum in human pregnancy. *Biol Reprod* 68:448-56; 2003.
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14. Wilcox AJ, Weinberg CR, Baird DD. Subclinical embryonic loss. *Fertil Steril* 51:907; 1989.
15. Weinberg CR, Wilcox AJ. Caffeine and infertility. *Lancet* i:792; 1990.
16. Wilcox AJ, Weinberg CR. Tea and fertility. *Lancet* 337:1159-60; 1991.
17. Russell IT, Wilcox AJ. A criterion for low birthweight. *Internat J Epidemiol* 20:1145; 1991.

*Letters (cont'd.):*

18. Wilcox AJ. Infant mortality among blacks and whites. *New Engl J Med* 327:1243; 1992.
19. Henriksen TB, Wilcox AJ. Ultrasound dating subject to bias. *Brit Med J* 308:201; 1994.
20. Wilcox AJ. Re: "Are female smokers at higher risk for lung cancer than male smokers? A case-control analysis by histologic type". *Am J Epidemiol* 140:186; 1994.
21. Taylor JA, Wilcox AJ. Re: Risk of miscarriage and a common variant of the estrogen receptor gene. [authors' response] *Am J Epidemiol* 140:1144-5; 1994.
22. Lie RT, Wilcox AJ, Skjærven R. Risk of recurrence of birth defects. [authors' response] *New Engl J Med* 331:1310; 1994.
23. Wilcox AJ. Smoking makes knaves little. Kills them, too. [letter] *JAMA* 272:1577; 1994.
24. Weinberg CR, Baird DD, Wilcox AJ. Effects of caffeine consumption on delayed conception. *Am J Epidemiol* 144:799; 1996.
25. Wilcox AJ, Weinberg CR, Baird DD. Pregnancy and the timing of intercourse. [authors' response] *New Engl J Med* 334:1267-8; 1996.
26. Weinberg CR, Baird DD, Wilcox AJ. Follicular phase length, time of insemination, mean cycle length, season of mother's birth and sex ratio of offspring. *Human Reprod* 398-99; 1997.
27. Weinberg CR, Wilcox AJ. Re: "Distinguishing the effects of maternal and offspring genes through studies of 'case-parent triads' " and "A new method for estimating the risk ratio in studies using case-parental control design". *Am J Epidemiol* 150: 428-9; 1999.
28. Wilcox AJ. [Author's response] *Int J Epidemiol* 31:1075-1076; 2002.
29. Adams M, Andersen AN, Andersen PK, Haig D, Henriksen TB, Hertz-Picciotto I, Lie RT, Olsen J, Skjaerven R, Wilcox AJ. Sostrup Statement on Low Birthweight. *Int J Epidemiol* 32:884-5; 2003.
30. Wilcox AJ, Basso O, Weinberg CR. On the problem of adjustments for birth weight. eLetter published 11 April 2011 regarding: Wu YW, Xing G, Fuentes-Afflick E, Danielson B, Smith LH, Gilbert WM. Racial, Ethnic, and Socioeconomic Disparities in the Prevalence of Cerebral Palsy. *Pediatrics* 127:e674-e681; 2011.
31. Wilcox AJ. Fewer orphans than previously thought? *Int J Epidemiol* Advance Access published September 10, 2011.

*Invited Talks:*

- 1982 Workshop on Quantitative Estimation of Risk to Human Health from Chemicals,  
International Program for Chemical Safety and the Scientific Group on Methodologies  
for the Safety Evaluation of Chemicals, Rome, Italy  
DHHS-CCERP Sub-committee on Environmental Mutagenesis, Washington DC
- 1985 Epidemiology Colloquium, School of Public Health, Columbia University,  
New York City  
Preventive Medicine Seminar Series, Centers for Disease Control, Atlanta GA
- 1986 Center for Biomedical Research, Population Council, New York City  
Dept. Environmental and Occupational Medicine, Mt. Sinai Medical Center,  
New York City  
Panel on Reproductive and Developmental Toxicology, National Research Council,  
Woods Hole MA
- 1987 Clinical Grand Rounds, Dept. Obstetrics and Gynecology, University of Arkansas for  
Medical Sciences, Little Rock AK
- 1988 Kettering Laboratory, Institute of Environmental Health, University of Cincinnati Medical  
Center, Cincinnati OH  
Dept. Preventive Medicine, Ohio State University, Columbus OH  
Nordic Institute of Advanced Occupational Environment Studies, Helsinki, Finland  
Department of Obstetrics and Gynecology, University of Bergen, Bergen, Norway  
Department of Epidemiology, Johns Hopkins School of Hygiene and Public Health,  
Baltimore MD
- 1989 Clinical Center Grand Rounds, National Institutes of Health, Bethesda MD  
University of Michigan Graduate Summer Session in Epidemiology, Ann Arbor MI  
Workshop on Occupational Risks to Human Reproduction, National Institute of Public  
Health, Mexico City, Mexico
- 1990 Maternal and Child Health Section, 118th Annual Meeting of the American Public Health  
Association, New York City  
NIH Workshop on Long-term Health Effects of Exposure to Diethylstilbestrol (DES),  
Falls Church VA
- 1991 Reproductive and Developmental Toxicology Branch Seminar Series, EPA,  
Washington DC  
Program in Epidemiology, College of Human Medicine, Michigan State University,  
East Lansing MI

*Invited Talks (cont'd.):*

- 1992 NIH Workshop on Long-term Health Effects of Exposure to Diethylstilbestrol (DES), Falls Church VA  
The National Hospital, University of Oslo, Oslo, Norway  
School of Public Health, Free University of Brussels, Brussels, Belgium  
Colloquium Series, Graduate School of Public Health, University of Pittsburgh, Pittsburgh PA  
Neonatal Grand Rounds, Magee-Womens Hospital, Pittsburgh PA  
The National Hospital, University of Oslo, Oslo, Norway  
Section on Informatics and Statistics, University of Bergen, Bergen, Norway  
Belgian Working Group on Perinatal Epidemiology, Brussels, Belgium  
School of Public Health, Free University of Brussels, Brussels, Belgium
- 1993 Triangle Consortium for Reproductive Biology, Research Triangle Park NC  
Harvard University School of Public Health, Boston MA  
University of Basel, Basel, Switzerland
- 1994 Danish Research Center in Epidemiology, Copenhagen, Denmark  
Symposium on Genetic Susceptibility to Environmental Hazards (Organizer and moderator), International Society of Environmental Epidemiology Annual Meeting, Research Triangle Park NC
- 1995 Department of Community Medicine, Mt. Sinai Medical Center, New York City  
GH Sergievsky Center, Columbia University, New York City  
Dept. of Epidemiology, School of Public Health, University of Pittsburgh, Pittsburgh PA  
Belgian Working Group on Perinatal Epidemiology, Brussels, Belgium  
French-speaking Obstetricians and Gynecologists of Belgium, Eupen, Belgium  
Institute of Child Health, Bristol University, Bristol UK  
Norwegian Epidemiology Society (keynote speaker, Annual Meeting), Bergen, Norway  
University of North Carolina Elderhostel Program, Chapel Hill NC
- 1996 Family Planning Queensland, Brisbane, Australia  
Family Planning New South Wales, Sydney, Australia  
Family Planning Australia (Keynote Lecturer, Annual Biological Sciences Symposium), Adelaide, Australia  
Melbourne Epidemiology Group, Melbourne, Australia  
Perinatal Epidemiology Symposium, Australian Epidemiologic Association, Melbourne, Australia  
The Slone Memorial Lecture, Slone Epidemiology Unit, Boston University, Boston MA
- 1997 The Teratology Society, 37<sup>th</sup> Annual Meeting (Keynote Address, Epidemiology Session), Palm Beach FL  
European Science Foundation Workshop on Interaction of Genes and Maternal Nutrition in Orofacial Clefting, Dundee, Scotland  
Department of Epidemiology (Departmental Seminar), University of North Carolina, Chapel Hill NC

*Invited Talks (cont'd.):*

- 1998 Scientific Director's Seminar Series, NIEHS, Research Triangle Park NC  
International Symposium: Is Human Fertility at Risk? The Steno Institute of Public Health, University of Aarhus, Aarhus, Denmark  
31<sup>st</sup> Annual Meeting of the Society for Epidemiologic Research, Chicago IL
- 1999 National Advisory Environmental Health Sciences Council, Bethesda MD  
Division of Epidemiology, Columbia University School of Public Health, New York City  
American College of Epidemiology, Annual Scientific Meeting, Bethesda MD
- 2000 Department of Epidemiology, Tulane University School of Public Health & Tropical Medicine, New Orleans LO  
Department of Population and International Health, Harvard School of Public Health, Boston MA  
Institute of Child Health, University of Bristol, Bristol, England  
European Science Foundation Conference on the Epidemiology of Cleft Lip and Palate, Dundee, Scotland  
33<sup>rd</sup> Annual Meeting of the Society for Epidemiologic Research, Seattle WA  
NorFA Research Course in Perinatal Epidemiology, Magleås, Denmark  
The Herman A. Tyroler Lecture, School of Public Health, University of North Carolina
- 2001 First Congress of Epidemiology, Toronto, Canada  
13<sup>th</sup> Annual Meeting of the International Society for Environmental Epidemiology (Keynote Address), Garmisch-Partenkirchen, Germany
- 2002 Center for Epidemiology and Policy, Bloomberg School of Public Health, Johns Hopkins University, Baltimore MD  
Annual Meeting, Population Association of America, Atlanta GA
- 2003 Section on Informatics and Statistics, University of Bergen, Bergen, Norway
- 2004 Fifth International Course on Occupational Hazards and Reproductive Health, Nordic Institute for Advanced Training in Occupational Health (NIVA), Naantali, Finland  
Bloomberg School of Public Health, Johns Hopkins University, Baltimore MD  
American College of Epidemiology, Annual Scientific Meeting, Boston MA  
Workshop on Utilization of Medical Birth Registry Data, Kilimanjaro Christian Medical College, Moshi, Tanzania  
Danish Graduate School in Public Health Science, Copenhagen, Denmark
- 2005 40<sup>th</sup> Graduate Summer Session in Epidemiology (Special Lecture), University of Michigan, Ann Arbor MI  
Second International Symposium on Successive Pregnancy Outcomes, New Brunswick NJ  
18<sup>th</sup> International Symposium on Epidemiology in Occupational Health (Keynote Address) Bergen, Norway.

*Invited Talks (cont'd.):*

- 2006 Cardiovascular Disease Epidemiology Seminar Series, University of North Carolina, Chapel Hill NC  
Epidemiology Branch, National Institute of Child Health and Human Development, Bethesda MD  
41<sup>st</sup> Graduate Summer Session in Epidemiology (Special Lecture), University of Michigan, Ann Arbor, MI  
Publications Workshop, University of South Carolina, Columbia SC  
Department of Public Health and Primary Health Care, University of Bergen (Norway)  
Environmental Epidemiology Seminar Series, Research Triangle Institute, Durham NC
- 2007 Department of Environmental Health, Harvard School of Public Health, Boston MA  
Grand Rounds, Dept of Pathology and Laboratory Medicine, University of North Carolina School of Medicine, Chapel Hill NC  
Workshop on “Autism and the Environment,” Institute of Medicine, Washington DC  
Graduate Summer Institute of Epidemiology and Biostatistics, Bloomberg School of Public Health, Johns Hopkins University, Baltimore MD  
Summer School of Epidemiology, Ulm University, Ulm, Germany  
4<sup>th</sup> International Seminar on Emergency Contraception, HRA Pharma, Paris, France  
Symposium, 40<sup>th</sup> Anniversary of the Medical Birth Registry of Norway, Bergen, Norway  
Division of Biostatistics, Biometrics & Epidemiology, Medical University of South Carolina, Charleston SC
- 2008 European Educational Programme in Epidemiology, Florence, Italy  
Norwegian National Institute for Public Health, Oslo, Norway  
School of Medicine and Dentistry, University of Bergen, Bergen, Norway  
XVIII International Epidemiology Association World Congress of Epidemiology, Porto Alegre, Brazil
- 2009 42<sup>nd</sup> Annual Meeting of the Society for Epidemiologic Research, SER Student Caucus Workshop, Anaheim CA  
15<sup>th</sup> Annual Maternal and Child Health Epidemiology Conference, Tampa FL
- 2010 University of Southern Denmark, Danish Graduate School in Public Health Science, Odense, Denmark  
Department of Epidemiology, Harvard School of Public Health, Boston MA  
European Educational Programme in Epidemiology, Florence, Italy  
2<sup>nd</sup> International Symposium on Gene, Environment, and Lifestyle Interaction in Human Reproduction, Malmö, Sweden

AJ Wilcox, 12/6/2011

*Invited Talks (cont'd.):*

2011 McMillan Endowed Lectureship in Family and Child Health, University of Alabama  
School of Public Health, Birmingham AL  
Department of Epidemiology and Community Health, University of Minnesota School of  
Public Health, Minneapolis MN  
Department of Epidemiology, Columbia University, New York NY  
Keynote Address, 24<sup>th</sup> Annual Meeting of the Society for Pediatric and Perinatal  
Epidemiologic Research, Montreal, Canada  
Plenary Lecture, 3<sup>rd</sup> North American Congress of Epidemiology, Montreal, Canada  
23<sup>rd</sup> Annual Congress of the International Society of Environmental Epidemiology,  
Barcelona, Spain