

CURRICULUM VITAE

Donna Day Baird, Ph.D.

Education:

1968- B.A. Macalester College, St. Paul, Minnesota (Biology).

1980- Ph.D. University of Minnesota (Evolutionary Ecology),
Thesis: Dispersal in Microtus pennsylvanicus.

1984- M.P.H. University of North Carolina (Epidemiology),
Thesis: Cholesterol change during menopause.

Brief Chronology of Employment:

1968 - 1969 Laboratory Technician, Department of Anatomy, University of Minnesota.

1969 - 1972 Research Analyst, American Rehabilitation Foundation, Minneapolis, Minnesota (coordination of Michigan aspects of a three-state, federally-funded study on welfare clients, including hiring and supervising field staff, data collection, data analysis, and report writing).

1972 - 1976 Research/Teaching Assistant, Department of Ecology, University of Minnesota, Minneapolis, Minnesota (analysis of reproductive data from the Grasslands International Biological Program Small Mammals Project/teaching assistant in general biology, ecology, mammalogy and evolution courses).

1978 - 1979 Instructor, Departments of Ecology and Anthropology, University of Minnesota, Minneapolis, Minnesota.

1980 Post Doctoral Fellow, Center for Biopolitical Research, Northern Illinois University, DeKalb, IL, (research on interdisciplinary communication and paradigm change in evolutionary biology).

1981 - 1982 Staff Associate, Biological Sciences Curriculum Study, Boulder, CO (curriculum development in human genetics; questionnaire research on attitudes about nonhuman animals among high school students and teachers).

1983 Graduate Teaching Assistant, University of North Carolina, Epidemiology: assisting in advanced methods course.

1984 - date Epidemiologist (Senior Staff Fellow, 1984-1990, Epidemiologist, Senior Investigator 1990-present) National Institute of Environmental Health

Sciences, Epidemiology Branch, research in reproductive epidemiology.

Societies:

American Fertility Society
American Society of Mammalogists
Human Biology Association
Sigma XI
Society for Epidemiologic Research
Society for the Study of Evolution

Student Honors:

Wallace Research Fellowship, 1967
Phi Beta Kappa, 1968
L.T. Dossall Fellowship, 1976-1977
Dissertation Fellowship, 1977-1978
SER Student Workshop presenter, 1984
SER plenary session paper, 1987

Awards:

Pearl Memorial Lecturer, Human Biology Association, 2008

Research Interests:

Fertility and early pregnancy
Reproductive epidemiology methods
Hormonal mediators in health and disease
Uterine fibroids

Teaching Activities:

Supervision of doctoral and masters level epidemiology students at the University of North Carolina.

Visiting lectures, Duke University, University of North Carolina at Chapel Hill.

Professional Activities:

IRB committee, NIEHS

Program Participant, Collaborative on Health and the Environment (CHE), 2007

Review Panel, NIH Special Emphasis Panel for proposals on Female Health and Egg Quality,

February, 2008

Review Panel, NIH Special Emphasis Panel, Leiomyomata Uteri: Basic Science, Translational and Clinical Research, November, 2008

Grant Review, Center for Environmental Health and Susceptibility Pilot Projects Program, UNC School of Public Health, 2009

Editorial Board, Epidemiology

Associate Editor, American Journal of Epidemiology

Reviewer of manuscripts for journals:

American Journal of Epidemiology
American Journal of Obstetrics and Gynecology
American Journal of Public Health
Asian Journal of Andrology
British Journal of Nutrition
British Medical Journal
Environmental Health Perspectives
Epidemiology
Fertility and Sterility
Gynecological Endocrinology
Human Reproduction
Journal of the American Medical Association
Journal of Clinical Endocrinology and Metabolism
Journal of Theoretical Biology
Journal of Women's Health
Lancet
New England Journal of Medicine
Obstetrics and Gynecology

Peer-Reviewed Publications:

1. Birney EC, Jenness R, **Baird DD**. Proteins of the eye lens as criteria of age in cotton rats. *J Wildl Manage* 39:718-728, 1975.
2. Birney EC, Grant WE, **Baird DD**. Importance of vegetative cover to cycles of Microtus populations. *Ecology* 57:1043-1051, 1976.
3. Timm RM, Heaney LR, **Baird DD**. Natural history of the rock vole (Microtus chrotorhinus) in Minnesota. *Can Field Natur* 91:177-180, 1977.
4. Losco J, **Baird DD**. The impact of sociobiology on political science. *Am Behav Sci* 25:355-360, 1981.

5. **Baird DD**, Birney EC. Characteristics of dispersing meadow voles, Microtus pennsylvanicus. *Am Midland Natur* 107:262-283, 1982.
6. **Baird DD**, Birney EC. Patterns of colonization in Microtus pennsylvanicus. *J Mammalogy* 63:290-293, 1982.
7. **Baird DD**, Timm RM, Nordquist G. Reproduction in the arctic shrew, Sorex arcticus. *J Mammalogy* 64:298-301, 1983.
8. **Baird DD**, Birney EC. Bilateral distribution of implantation sites in small mammals of 22 North American species. *J Reprod Fertil* 75(2):381-392, 1985.
9. **Baird DD**, Tyroler HA, Heiss G, Chambless LE, Hames CG. Menopausal change in serum cholesterol: black/white differences in Evans County, Georgia. *Am J Epidemiol* 122(6):982-993, 1985.
10. **Baird DD**, Wilcox AJ. Cigarette smoking associated with delayed conception. *Jama* 253(20):2979-2983, 1985.
11. Birney EC, **Baird DD**. Why do some mammals polyovulate to produce a litter of two? *Am Naturalist* 126:136-140, 1985.
12. **Baird DD**, Wilcox AJ. Future fertility after prenatal exposure to cigarette smoke. *Fertil Contracept* 46(3):368-372, 1986.
13. **Baird DD**, Wilcox AJ, Weinberg CR. Use of time to pregnancy to study environmental exposures. *Am J Epidemiol* 124(3):470-480, 1986.
14. 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.
15. Wilcox A, Weinberg C, **Baird DD**. Caffeinated beverages and decreased fertility. *Lancet* 332:1453-1456, 1988.
16. Wilcox AJ, Weinberg CR, O'Connor JF, **Baird DD**, Schlatterer JP, Canfield RE, Armstrong EG, Nisula BC. Incidence of early loss of pregnancy. *N Engl J Med* 319(4):189-194, 1988.
17. Weinberg CR, Wilcox AJ, **Baird DD**. Reduced fecundability in women with prenatal exposure to cigarette smoking. *Am J Epidemiol* 129(5):1072-1078, 1989.
18. Wilcox AJ, **Baird DD**, Weinberg CR. Do women with childhood exposure to cigarette smoking have increased fecundability? *Am J Epidemiol* 129(5):1079-1083, 1989.

19. **Baird DD**, Narendranathan M, Sandler RS. Increased risk of preterm birth for women with inflammatory bowel disease. *Gastroenterology* 99(4):987-994, 1990.
20. Wilcox AJ, Weinberg CR, **Baird DD**. Risk factors for early pregnancy loss. *Epidemiology* 1(5):382-385, 1990.
21. **Baird DD**, Weinberg CR, Rowland AS. Reporting errors in time-to-pregnancy data collected with a short questionnaire. Impact on power and estimation of fecundability ratios. *Am J Epidemiol* 133(12):1282-1290, 1991.
22. **Baird DD**, Weinberg CR, Wilcox AJ, McConnaughey DR, Musey PI. Using the ratio of urinary oestrogen and progesterone metabolites to estimate day of ovulation. *Stat Med* 10(2):255-266, 1991.
23. **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(4):793-800, 1991.
24. 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. *N Engl J Med* 327(14):993-997, 1992.
25. Weinberg CR, Hertz-Picciotto I, **Baird DD**, Wilcox AJ. Efficiency and bias in studies of early pregnancy loss. *Epidemiology* 3(1):17-22, 1992.
26. Weinberg CR, **Baird DD**, Rowland AS. Pitfalls inherent in retrospective time-to-event studies: the example of time to pregnancy. *Stat Med* 12(9):867-879, 1993.
27. Alavanja MC, Akland G, **Baird D**, Blair A, Bond A, Dosemeci M, Kamel F, Lewis R, Lubin J, Lynch C, et al. Cancer and noncancer risk to women in agriculture and pest control: the Agricultural Health Study. *J Occup Med* 36(11):1247-1250, 1994.
28. Cooper GS, Hulka BS, **Baird DD**, Savitz DA, Hughes CL, Jr., Weinberg CR, Coleman RA, Shields JM. Galactose consumption, metabolism, and follicle-stimulating hormone concentrations in women of late reproductive age. *Fertil Steril* 62(6):1168-1175, 1994.
29. 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(1):28-34, 1994.
30. Tabacova S, **Baird DD**, Balabaeva L, Lolova D, Petrov I. Placental arsenic and cadmium in relation to lipid peroxides and glutathione levels in maternal-infant pairs from a copper smelter area. *Placenta* 15(8):873-881, 1994.

31. Weinberg CR, **Baird DD**, Wilcox AJ. Sources of bias in studies of time to pregnancy. *Stat Med* 13(5-7):671-681, 1994.
32. Weinberg CR, Moledor E, **Baird DD**, Wilcox AJ. Is there a seasonal pattern in risk of early pregnancy loss? *Epidemiology* 5(5):484-489, 1994.
33. **Baird DD**, McConnaughey 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. *Epidemiology* 6(5):547-550, 1995.
34. **Baird DD**, Umbach DM, Lansdell L, Hughes CL, Setchell KD, Weinberg CR, Haney AF, Wilcox AJ, McLachlan JA. Dietary intervention study to assess estrogenicity of dietary soy among postmenopausal women. *J Clin Endocrinol Metab* 80(5):1685-1690, 1995.
35. Cooper GS, **Baird DD**. The use of questionnaire data to classify peri- and premenopausal status. *Epidemiology* 6(6):625-628, 1995.
36. Cooper GS, **Baird DD**, Hulka BS, Weinberg CR, Savitz DA, Hughes CL, Jr. Follicle-stimulating hormone concentrations in relation to active and passive smoking. *Obstet Gynecol* 85(3):407-411, 1995.
37. Richardson BE, **Baird DD**. A study of milk and calcium supplement intake and subsequent preeclampsia in a cohort of pregnant women. *Am J Epidemiol* 141(7):667-673, 1995.
38. 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(6):531-538, 1995.
39. Weinberg CR, **Baird DD**, Wilcox AJ. The sex of the baby may be related to the length of the follicular phase in the conception cycle. *Hum Reprod* 10(2):304-307, 1995.
40. Wilcox AJ, **Baird DD**, Weinberg CR, Hornsby PP, Herbst AL. Fertility in men exposed prenatally to diethylstilbestrol. *N Engl J Med* 332(21):1411-1416, 1995.
41. 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. *N Engl J Med* 333(23):1517-1521, 1995.
42. **Baird DD**, Weinberg CR, Voigt LF, Daling JR. Vaginal douching and reduced fertility. *Am J Public Health* 86(6):844-850, 1996.
43. **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(2):263-266, 1996.

44. Rowland AS, **Baird DD**, Shore DL, Darden B, Wilcox AJ. Ethylene oxide exposure may increase the risk of spontaneous abortion, preterm birth, and postterm birth. *Epidemiology* 7(4):363-368, 1996.
45. Zhou H, Weinberg CR, Wilcox AJ, **Baird DD**. A random-effects model for cycle viability in fertility studies. *J Am Stat Assoc* 91(436):1,413-422, 1996.
46. **Baird DD**, Wilcox AJ, Weinberg CR, Kamel F, McConnaughey DR, Musey PI, Collins DC. Preimplantation hormonal differences between the conception and non-conception menstrual cycles of 32 normal women. *Hum Reprod* 12(12):2607-2613, 1997.
47. Chang S, Hulka BS, **Baird DD**, Ingle JN, Newman B, Graham ML, 2nd, Qaqish B, Donohue JH, Melton LJ, 3rd. Breast cancer survival and the timing of tumor removal during the menstrual cycle. *Cancer Epidemiol Biomarkers Prev* 6(11):881-886, 1997.
48. Henriksen TB, **Baird DD**, Olsen J, Hedegaard M, Secher NJ, Wilcox AJ. Time to pregnancy and preterm delivery. *Obstet Gynecol* 89(4):594-599, 1997.
49. 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.
50. Tabacova S, **Baird DD**, Balabaeva L. Exposure to oxideized nitrogen: lipid peroxidation and neonatal health risk. *Arch. Environ Health* 53:215-221, 1998.
51. Wilcox AJ, Weinberg CR, **Baird DD**. Post-ovulatory ageing of the human oocyte and embryo failure. *Hum Reprod* 13(2):394-397, 1998.
52. **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(1):40-49, 1999.
53. Cooper GS, Ephross SA, Weinberg CR, **Baird DD**, Whelan EA, Sandler DP. Menstrual and reproductive risk factors for ischemic heart disease. *Epidemiology* 10(3):255-259, 1999.
54. 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(7):1835-1839, 1999.
55. Gladen BC, Tabacova S, **Baird DD**, Little RE, Balabaeva L. Variability of lipid hydroperoxides in pregnant and nonpregnant women. *Reprod Toxicol* 13(1):41-44, 1999.
56. Marcus PM, **Baird DD**, Millikan RC, Moorman PG, Qaqish B, Newman B. Adolescent reproductive events and subsequent breast cancer risk. *Am J Public Health* 89(8):1244-1247, 1999.

57. Marcus PM, Newman B, Moorman PG, Millikan RC, **Baird DD**, Qaqish B, Sternfeld B. Physical activity at age 12 and adult breast cancer risk (United States). *Cancer Causes Control* 10(4):293-302, 1999.
58. Wilcox AJ, **Baird DD**, Weinberg CR. Time of implantation of the conceptus and loss of pregnancy. *N Engl J Med* 340(23):1796-1799, 1999.
59. Cooper GS, **Baird DD**, Weinberg CR, Ephross SA, Sandler DP. Age at menopause and childbearing patterns in relation to mortality. *Am J Epidemiol* 151(6):620-623, 2000.
60. Harlow SD, **Baird DD**, Weinberg CR, Wilcox AJ. Urinary oestrogen patterns in long follicular phases. *Hum Reprod* 15(1):11-16, 2000.
61. Kadiiska MB, Gladen BC, **Baird DD**, Dikalova AE, Sohal RS, Hatch GE, Jones DP, Mason RP, Barrett JC. Biomarkers of oxidative stress study: are plasma antioxidants markers of CCl(4) poisoning? *Free Radic Biol Med* 28(6):838-845, 2000.
62. Marcus PM, Newman B, Millikan RC, Moorman PG, **Baird DD**, Qaqish B. The associations of adolescent cigarette smoking, alcoholic beverage consumption, environmental tobacco smoke, and ionizing radiation with subsequent breast cancer risk (United States). *Cancer Causes Control* 11(3):271-278, 2000.
63. Wilcox AJ, Dunson D, **Baird DD**. The timing of the "fertile window" in the menstrual cycle: day specific estimates from a prospective study. *BMJ* 321(7271):1259-1262, 2000.
64. Cooper GS, **Baird DD**, Darden FR. Measures of menopausal status in relation to demographic, reproductive, and behavioral characteristics in a population-based study of women aged 35-49 years. *Am J Epidemiol* 153(12):1159-1165, 2001.
65. Dunson DB, **Baird DD**. A flexible parametric model for combining current status and age at first diagnosis data. *Biometrics* 57(2):396-403, 2001.
66. Dunson DB, Weinberg CR, **Baird DD**, Kesner JS, Wilcox AJ. Assessing human fertility using several markers of ovulation. *Stat Med* 20(6):965-978, 2001.
67. Regan CL, Levine RJ, **Baird DD**, Ewell MG, Martz KL, Sibai BM, Rokach J, Lawson JA, Fitzgerald GA. No evidence for lipid peroxidation in severe preeclampsia. *Am J Obstet Gynecol* 185(3):572-578, 2001.
68. Vines AI, McNeilly MD, Stevens J, Hertz-Picciotto I, Baird M, **Baird DD**. Development and reliability of a Telephone-Administered Perceived Racism Scale (TPRS): a tool for epidemiological use. *Ethn Dis* 11(2):251-262, 2001.

69. Walker CL, Cesen-Cummings K, Houle C, **Baird DD**, Barrett JC, Davis B. Protective effect of pregnancy for development of uterine leiomyoma. *Carcinogenesis* 22(12):2049-2052, 2001.
70. Wilcox AJ, **Baird DD**, Dunson D, McChesney R, Weinberg CR. Natural limits of pregnancy testing in relation to the expected menstrual period. *Jama* 286(14):1759-1761, 2001.
71. 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(4):211-215, 2001.
72. Cohn BA, Overstreet JW, Fogel RJ, Brazil CK, **Baird DD**, Cirillo PM. Epidemiologic studies of human semen quality: considerations for study design. *Am J Epidemiol* 155(7):664-671, 2002.
73. Dunson B, **Baird DD**. Bayesian modeling of incidence and progression of disease from cross-sectional data. *Biometrics* 58(4):813-822, 2002.
74. Dunson DB, **Baird DD**. A proportional hazards model for incidence and induced remission of disease. *Biometrics* 58(1):71-78, 2002.
75. Dunson DB, Colombo B, **Baird DD**. Changes with age in the level and duration of fertility in the menstrual cycle. *Hum Reprod* 17(5):1399-1403, 2002.
76. Hoppin JA, Brock JW, Davis BJ, **Baird DD**. Reproducibility of urinary phthalate metabolites in first morning urine samples. *Environ Health Perspect* 110(5):515-518, 2002.
77. Peck JD, Hulka BS, Poole C, Savitz DA, **Baird DD**, Richardson BE. Steroid hormone levels during pregnancy and incidence of maternal breast cancer. *Cancer Epidemiol Biomarkers Prev* 11(4):361-368, 2002.
78. Rowland AS, **Baird DD**, Long S, Wegienka G, Harlow SD, Alavanja M, Sandler DP. Influence of medical conditions and lifestyle factors on the menstrual cycle. *Epidemiology* 13(6):668-674, 2002.
79. Sayle AE, Wilcox AJ, Weinberg CR, **Baird DD**. A prospective study of the onset of symptoms of pregnancy. *J Clin Epidemiol* 55(7):676-680, 2002.
80. **Baird DD**, Dunson DB. Why is parity protective for uterine fibroids? *Epidemiology* 14(2):247-250, 2003.

81. **Baird DD**, Dunson DB, Hill MC, Cousins D, Schectman JM. High cumulative incidence of uterine leiomyoma in black and white women: ultrasound evidence. *Am J Obstet Gynecol* 188(1):100-107, 2003.
82. **Baird DD**, Weinberg CR, McConnaughey DR, Wilcox AJ. Rescue of the corpus luteum in human pregnancy. *Biol Reprod* 68(2):448-456, 2003.
83. Basso O, **Baird DD**. Infertility and preterm delivery, birthweight, and Caesarean section: a study within the Danish National Birth Cohort. *Hum Reprod* 18(11):2478-2484, 2003.
84. Basso O, Weinberg CR, **Baird DD**, Wilcox AJ, Olsen J. Subfecundity as a correlate of preeclampsia: a study within the Danish National Birth Cohort. *Am J Epidemiol* 157(3):195-202, 2003.
85. Brewer EA, Kolotkin RL, **Baird DD**. The relationship between eating behaviors and obesity in African American and Caucasian women. *Eat Behav* 4(2):159-171, 2003.
86. Harville EW, Wilcox AJ, **Baird DD**, Weinberg CR. Vaginal bleeding in very early pregnancy. *Hum Reprod* 18(9):1944-1947, 2003.
87. Kamel F, Rowland AS, Park LP, Anger WK, **Baird DD**, Gladen BC, Moreno T, Stallone L, Sandler DP. Neurobehavioral performance and work experience in Florida farmworkers. *Environ Health Perspect* 111(14):1765-1772, 2003.
88. Peck JD, Hulka BS, Savitz DA, **Baird DD**, Poole C, Richardson BE. Accuracy of fetal growth indicators as surrogate measures of steroid hormone levels during pregnancy. *Am J Epidemiol* 157(3):258-266, 2003.
89. Wegienka G, **Baird DD**. Potential bias due to excluding oral contraceptive users when estimating menstrual cycle characteristics. *Am J Epidemiol* 158(10):947-950, 2003.
90. Wegienka G, **Baird DD**, Hertz-Picciotto I, Harlow SD, Steege JF, Hill MC, Schectman JM, Hartmann KE. Self-reported heavy bleeding associated with uterine leiomyomata. *Obstet Gynecol* 101(3):431-437, 2003.
91. Basso O, Wilcox AJ, Weinberg CR, **Baird DD**, Olsen J. Height and risk of severe preeclampsia. A study within the Danish National Birth Cohort. *Int J Epidemiol* 33(4):858-863, 2004.
92. Dunson DB, **Baird DD**, Colombo B. Increased infertility with age in men and women. *Obstet Gynecol* 103(1):51-56, 2004.
93. Venn A, Bruinsma F, Werther G, Pyett P, **Baird DD**, Jones P, Rayner J, Lumley J. Oestrogen treatment to reduce the adult height of tall girls: long-term effects on fertility. *Lancet* 364:1513-1518, 2004.

94. Wegienka G, **Baird DD**, Hertz-Picciotto I, Harlow SD, Hartmann KE. Uterine leiomyomata (fibroids): are bleeding symptoms more likely to be reported after diagnosis? *J Clin Epidemiol* 57(3):318-320, 2004.
95. Wilcox AJ, **Baird DD**, Dunson DB, McConaughy DR, Kesner JS, Weinberg CR. On the frequency of intercourse around ovulation: evidence for biological influences. *Hum Reprod* 19(7):1539-1543, 2004.
96. **Baird DD**, Newbold R. Prenatal diethylstilbestrol (DES) exposure is associated with uterine leiomyoma development. *Reprod Toxicol* 20(1):81-84, 2005.
97. Kadiiska MB, Gladen BC, **Baird DD**, Germolec D, Graham LB, Parker CE, Nyska A, Wachsman JT, Ames BN, Basu S, Brot N, Fitzgerald GA, Floyd RA, George M, Heinecke JW, Hatch GE, Hensley K, Lawson JA, Marnett LJ, Morrow JD, Murray DM, Plastaras J, Roberts LJ, 2nd, Rokach J, Shigenaga MK, Sohal RS, Sun J, Tice RR, Van Thiel DH, Wellner D, Walter PB, Tomer KB, Mason RP, Barrett JC. Biomarkers of oxidative stress study II: are oxidation products of lipids, proteins, and DNA markers of CCl4 poisoning? *Free Radic Biol Med* 38(6):698-710, 2005.
98. Kadiiska MB, Gladen BC, **Baird DD**, Graham LB, Parker CE, Ames BN, Basu S, Fitzgerald GA, Lawson JA, Marnett LJ, Morrow JD, Murray DM, Plastaras J, Roberts LJ, 2nd, Rokach J, Shigenaga MK, Sun J, Walter PB, Tomer KB, Barrett JC, Mason RP. Biomarkers of oxidative stress study III. Effects of the nonsteroidal anti-inflammatory agents indomethacin and meclofenamic acid on measurements of oxidative products of lipids in CCl4 poisoning. *Free Radic Biol Med* 38(6):711-718, 2005.
99. McChesney R, Wilcox AJ, O'Connor JF, Weinberg CR, **Baird DD**, Schlatterer JP, McConaughy DR, Birken S, Canfield RE. Intact HCG, free HCG beta subunit and HCG beta core fragment: longitudinal patterns in urine during early pregnancy. *Hum Reprod* 20(4):928-935, 2005.
100. Nguyen RH, **Baird DD**. Accuracy of men's recall of their partner's time to pregnancy. *Epidemiology* 16(5):694-698, 2005.
101. Sallmen M, Weinberg CR, **Baird DD**, Lindbohm ML, Wilcox AJ. Has human fertility declined over time?: why we may never know. *Epidemiology* 16(4):494-499, 2005.
102. Wegienka G, **Baird DD**. A comparison of recalled date of last menstrual period with prospectively recorded dates. *J Womens Health (Larchmt)* 14(3):248-252, 2005.
103. **Baird DD**, Kesner JS, Dunson DB. Luteinizing hormone in premenopausal women may stimulate uterine leiomyomata development. *J Soc Gynecol Investig* 13(2):130-135, 2006.

104. Sallmen M, **Baird DD**, Hoppin JA, Blair A, Sandler DP. Fertility and exposure to solvents among families in the Agricultural Health Study. *Occup Environ Med* 63(7):469-475, 2006.
105. Sallmen M, Sandler DP, Hoppin JA, Blair A, **Baird DD**. Reduced fertility among overweight and obese men. *Epidemiology* 17(5):520-523, 2006.
106. Vines AI, **Baird DD**, McNeilly M, Hertz-Picciotto I, Light KC, Stevens J. Social correlates of the chronic stress of perceived racism among Black women. *Ethn Dis* 16(1):101-107, 2006.
107. **Baird DD**, Dunson DB, Hill MC, Cousins D, Schectman JM. Association of physical activity with development of uterine leiomyoma. *Am J Epidemiol* 165(2):157-163, 2007.
108. Gooden KM, Schroeder JC, North KE, Gammon MD, Hartmann KE, Taylor J, **Baird DD**. Val153Met polymorphism of catechol-O-methyltransferase and prevalence of uterine leiomyomata. *Reprod Sci* 14(2):117-120, 2007.
109. Jukic AM, Weinberg CR, **Baird DD**, Wilcox AJ. Lifestyle and reproductive factors associated with follicular phase length. *J Womens Health (Larchmt)* 16(9):1340-1347, 2007.
110. Nguyen RH, Wilcox AJ, **Baird DD**. Can men provide accurate confounder data about their partners for Time-to-Pregnancy studies? *Ann Epidemiol* 17(3):186-190, 2007.
111. Nguyen RH, Wilcox AJ, Skjaerven R, **Baird DD**. Men's body mass index and infertility. *Hum Reprod* 22(9):2488-2493, 2007.
112. Promislow JH, **Baird DD**, Wilcox AJ, Weinberg CR. Bleeding following pregnancy loss before 6 weeks' gestation. *Hum Reprod* 22(3):853-857, 2007.
113. Saldana TM, Basso O, Hoppin JA, **Baird DD**, Knott C, Blair A, Alavanja MC, Sandler DP. Pesticide exposure and self-reported gestational diabetes mellitus in the Agricultural Health Study. *Diabetes Care* 30(3):529-534, 2007.
114. Vines AI, **Baird DD**, Stevens J, Hertz-Picciotto I, Light KC, McNeilly M. Associations of abdominal fat with perceived racism and passive emotional responses to racism in African American women. *Am J Public Health* 97(3):526-530, 2007.
115. Jukic AM, Weinberg CR, **Baird DD**, Hornsby PP, Wilcox AJ. Measuring menstrual discomfort: a comparison of interview and diary data. *Epidemiology* 19(6):846-850, 2008.
116. Jukic AM, Weinberg CR, Wilcox AJ, McConnaughey DR, Hornsby P, **Baird DD**. Accuracy of reporting of menstrual cycle length. *Am J Epidemiol* 167(1):25-33, 2008.

117. Nepomnaschy PA, Weinberg CR, Wilcox AJ, **Baird DD**. Urinary hCG patterns during the week following implantation. *Hum Reprod* 23(2):271-277, 2008.
118. Peddada SD, Laughlin SK, Miner K, Guyon JP, Haneke K, Vahdat HL, Semelka RC, Kowalik A, Armao D, Davis B, **Baird DD**. Growth of uterine leiomyomata among premenopausal black and white women. *Proc Natl Acad Sci U S A* 105(50):19887-19892, 2008.
119. Steiner AZ, **Baird DD**, Kesner JS. Mother's menopausal age is associated with her daughter's early follicular phase urinary follicle-stimulating hormone level. *Menopause* 15(5):940-944, 2008.
120. Vo TT, Gladen BC, Cooper GS, **Baird DD**, Daniels JL, Gammon MD, Richardson DB. Dichlorodiphenyldichloroethane and polychlorinated biphenyls: intraindividual changes, correlations, and predictors in healthy women from the southeastern United States. *Cancer Epidemiol Biomarkers Prev* 17(10):2729-2736, 2008.
121. D'Aloisio AA, Schroeder JC, North KE, Poole C, West SL, Travlos GS, **Baird DD**. IGF-I and IGFBP-3 Polymorphisms in Relation to Circulating Levels among African American and Caucasian Women. *Cancer Epidemiol Biomarkers Prev* 18(3):954-966, 2009.
122. Laughlin SK, **Baird DD**, Savitz DA, Herring AH, Hartmann KE. Prevalence of uterine leiomyomas in the first trimester of pregnancy: an ultrasound-screening study. *Obstet Gynecol* 113(3):630-635, 2009.
123. Vines AI, **Baird DD**. Stress of caring for children: the role of perceived racism. *JNMA* 101(2):156-160.
124. **Baird DD**. The gestational timing of pregnancy loss: Adaptive strategy? *Am J Human Biology*, in press.
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21. **Baird DD**, Travlos GS. Obesity and insulin-like growth factor-I in African Americans and Whites [letter]. *Cancer Epidemiol Biomarkers Prev* 16(7):1526, 2007.

Recent Presentations:

Timing of Implantation: Invited talk, European Society of Human Reproduction and Embryology, Prague, June 2006

Uterine Fibroids: An Understudied Condition: Invited talk, Women's Health Special Interest Group Lecture Series, NIH, Bethesda, MD, January, 2008

Fibroid Growth: Invited talk Reproductive Biology Seminars – Department of Obstetrics and Gynecology, Duke University, Durham, NC, February 20, 2008

Reproductive Loss: Adaptive Strategy? Invited talk, Pearl Memorial Lecture, Human Biology Association, Columbus, Ohio, April, 2008

Early Pregnancy Events with Risk of Loss: Invited talk, Department of Biological Sciences, Old Dominion University, Norfolk, Virginia, April, 2008.

Epidemiological Update on Uterine Fibroids and Their Growth: Invited talk, Deborah E. Powell Center for Women's Health Lecture, School of Public Health, University of Minnesota, Minneapolis, Minnesota, April, 2008.

Black/White Differences in Uterine Fibroid Risk and Growth: Invited talk, North Point Health and Wellness Center, Minneapolis, Minnesota, April, 2008.

Hypothesis: Vitamin D Protects Against Uterine Fibroid Development. Poster, American College of Epidemiology Annual Scientific Session, Tucson, Arizona, September, 2008.

Epidemiology of Uterine Fibroids. Invited talk, Mini Symposium, Annual Meeting, Society for Gynecologic Investigation, Glasgow, Scotland, March, 2009.