

CURRICULUM VITAE

Donna Day Baird  
Epidemiology, MDA3-05  
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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).

Brief Chronology of Employment (continued):

- 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, 1990-  
present) National Institute of Environmental Health Sciences,  
Epidemiology Branch, research in reproductive epidemiology.

Societies:

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

Student Honors and Awards:

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

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

Advisory Panel Member, Reproductive Disorders in Female Flight Attendants, NIOSH

Advisory Board Member, Seveso Women's Health Study, Berkeley, California

Editorial Board, 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 Medical Journal  
Environmental Health Perspectives  
Epidemiology  
Fertility and Sterility  
Human Reproduction  
Journal of the American Medical Association  
Journal of Clinical Endocrinology and Metabolism  
Journal of Theoretical Biology  
New England Journal of Medicine  
Obstetrics and Gynecology  
Women's Health

## Bibliography

### 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. Patterns of colonization in Microtus pennsylvanicus. *J Mammalogy* 63:290-293, 1982.
6. **Baird DD**, Birney EC. Characteristics of dispersing meadow voles. Microtus pennsylvanicus. *Am Midland Natur* 107:262-283, 1982.
7. **Baird DD**, Timm RM, Nordquist G. Reproduction in the arctic shrew, Sorex arcticus. *J Mammalogy* 64:298-301, 1983.
8. Birney EC, **Baird DD**. Why do some mammals polyovulate to produce a litter of two? *Am. Naturalist* 126:136-140, 1985.
9. **Baird DD**, Wilcox AJ. Cigarette smoking associated with delayed conception. *J. Am. Med. Assoc* 253:2979-2983, 1985.
10. **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* 122:982-993, 1985.
11. **Baird DD**, Birney EC. Bilateral distribution of implantation sites in 22 North American small mammals. *J Reprod Fertil* 75:381-392, 1985.
12. **Baird DD**, Wilcox AJ, Weinberg CR. Use of time to pregnancy to study environmental exposures. *Am J Epidemiol* 124:470-480, 1986.
13. **Baird DD**, Wilcox AJ. Future fertility after prenatal exposure to cigarette smoke. *Fertil Steril* 46:368-372, 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 AJ, Weinberg CR, O'Connor JF, **Baird DD**, Schlatterer JP, Canfield RE, Armstrong EG, Nisula BC. Incidence of early loss of pregnancies, *N Engl J Med* 319:189-194, 1988.
16. Wilcox AJ, Weinberg CR, **Baird DD**. Caffeine beverages and decreased fertility. *Lancet* 2:1453-1456, 1988.
17. Wilcox AJ, **Baird DD**, Weinberg CR. Do women with childhood exposure to cigarette smoking have increased fecundability? *Am J Epidemiol* 129:1079-1083, 1989.
18. Weinberg CR, Wilcox AJ, **Baird DD**. Reduced fecundity in women with history of prenatal exposure to cigarette smoking. *Am J Epidemiol* 129:1072-1078, 1989.
19. **Baird DD**, Narendaranathan, Sandler R. Increased risk of preterm birth in women with inflammatory bowel disease. *Gastroenterology*, 99:987-994, 1990.
20. **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* 10:225-266, 1991.
21. **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.
22. **Baird DD**, Weinberg CR, Rowland A. Reporting errors in time-to-pregnancy data collected with a short questionnaire: Impact on power and estimation of fecundability ratios. *Am J Epidemiol* 133:1282-1290, 1991.
23. Rowland A, **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* 327:993-997, 1992.
24. Weinberg CR, Hertz-Picciotto I, **Baird DD**, Wilcox AJ. Efficiency and bias in studies of early pregnancy loss. *Epidemiology* 3:17-22, 1992.
25. Weinberg CR, **Baird DD**, Rowland AS. Pitfalls inherent in retrospective time-to-event studies: the example of time to pregnancy. *Stat Med* 12:867-879, 1993.

26. Rowland AS, **Baird DD**, Weinberg CR, Shore DL, Shy CM, Wilcox AJ. The effect of occupational exposure to mercury vapor on the fertility of female dental assistants. *Occupational and Environmental Medicine*, 51:28-34, 1994.
27. Weinberg CR, **Baird DD**, Wilcox AJ. Sources of bias in studies of time to pregnancy. *Stat Med* 13:671-681, 1994.
28. Cooper GS, Hulka BS, **Baird DD**, Savitz DA, Hughes CL, Weinberg CR, Coleman RA, Shields JM. Galactose consumption, metabolism, and follicle stimulating hormone concentrations in women of late reproductive age. *Fertil Steril* 62:1168-1175, 1994.
29. Weinberg CR, Moledor E, Wilcox AJ, **Baird DD**. Is there a seasonal pattern in risk of early pregnancy loss? *Epidemiology* 5:484-489, 1994.
30. Alavanja MC, Akland G, **Baird D**, Blair A, Bond A, Dosemeci M, Kamel F, Lewis R, Lubin J, Lynch C, et al. Cancer and non cancer risk to women in agriculture and pest control: the agricultural health study. *J Occupational Med*, 36:1247-1250, 1994.
31. 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* 15:873-881, 1994.
32. Rowland AS, **Baird DD**, Shore DL, Weinberg CR, Savitz DA, Wilcox AJ. Nitrous oxide and spontaneous abortion in female dental assistants. *Am J Epidemiol* 141:531-538, 1995.
33. Cooper GS, **Baird DD**, Hulka BS, Weinberg CR, Savitz DA, Hughes CL. Follicle-stimulating hormone concentrations in relation to active and passive smoking. *Obstet Gynecol* 85:407-411, 1995.
34. **Baird DD**, McConnaughey DR, Weinberg CR, Musey PI, Collins DC, Kesner JS, Knecht EA, Wilcox AJ. Application of a method of estimating day of ovulation using urinary estrogen and progesterone metabolites, *Epidemiology* 6:547-550, 1995.
35. Weinberg CR, **Baird DD**, Wilcox AJ. Length of the follicular phase may be related to the sex of the baby. *Human Reprod* 10:304-307, 1995.
36. Wilcox AJ, **Baird DD**, Weinberg CR, Herbst AL. Fertility of men who were prenatally exposed to diethylstilbestrol in a randomized clinical trial. *N Engl J Med* 332:1411-1416, 1995.
37. Richardson BE, **Baird DD**. Milk and calcium supplement intake and subsequent preeclampsia in a cohort of pregnant women. *Am J Epidemiol* 141:667-673, 1995.

38. **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* 80:1685-1690, 1995.
39. Wilcox AJ, Weinberg CR, **Baird DD**. Timing of intercourse in relation to ovulation: Probability of conception, survival of the pregnancy, and sex of the baby. *N Engl J Med* 333:1517-1521, 1995.
40. Cooper GS, **Baird DD**. The use of questionnaire data to classify peri- and pre-menopausal status. *Epidemiology* 6:625-628, 1995.
41. **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* 49:263-266, 1996.
42. **Baird DD**, Ragan NB, Weinberg CR, Daling J. Douching and subfecundity. *Am J Pub Health* 86:844-850, 1996.
43. Rowland AS, **Baird DD**, Shore DL, Darden R, Wilcox AJ. Ethylene oxide may increase risk of spontaneous abortion, prematurity, and post-term pregnancies. *Epidemiology* 7:363-368, 1996.
44. Zhou H, Weinberg CR, Wilcox AJ, **Baird DD**. A random effects model for cycle viability in fertility studies. *J Am Stat Assoc* 91:1413-1422, 1996.
45. Henriksen TB, **Baird DD**, Olsen J, Hedegaard M, Secher NJ, Wilcox AJ. Time to pregnancy and preterm delivery. *Obstet Gynecol* 89:594-599, 1997.
46. Chang S, Hulka BS, **Baird DD**, Ingle JN, Newman B, Graham ML. II, Qaqish B, Donohue JH, Melton LJ, III. Breast cancer survival and the timing of tumor removal during the menstrual cycle. *Cancer Epidemiol Biomark Prev* 6:881-886, 1997.
47. **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. *Human Reprod* 12:2607-2613, 1997.
48. Wilcox AJ, Weinberg CR, **Baird DD**. Post-ovulatory aging of the human oocyte and embryo failure. *Human Reprod* 13:394-397, 1998.
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. **Baird DD**, Weinberg CR, Zhou H, Kamel F, McConnaughey DR, Kesner JS, Wilcox AJ.

Preimplantation urinary hormone profiles and the probability of conception in normal women. *Fertil Steril* 71:40-49, 1999.

51. Wilcox AJ, **Baird DD**, Weinberg CR. Time of implantation of the conceptus and loss of pregnancy. *N Engl J Med* 340:1796-1799, 1999.
52. Marcus PM, **Baird DD**, Millikan RC, Moorman PG, Qaquish B, Newman B. Adolescent reproductive events and subsequent breast cancer risk. *Am J Public Health* 89:1244-1247, 1999.
53. Marcus PM, Newman B, Moorman PG, Millikan RC, **Baird DD**, Qaquish B, Sternfeld B. Physical activity at age 12 and adult breast cancer risk. *Cancer Causes Control* 10:293-302, 1999.
54. Gladen BC, Tabacova S, **Baird DD**, Little RE, Balabaeva L. Variability of lipid hydroperoxides in pregnant and nonpregnant women. *Reprod Toxicol* 13:41-44, 1999.
55. Dunson DB, **Baird DD**, Wilcox AJ, Weinberg CR. Day-specific probabilities of clinical pregnancy based on two studies with imperfect measures of ovulation. *Human Reproduction* 14:1835-1839, 1999.
56. Cooper GS, Ephross SA, Weinberg CR, **Baird DD**, Whelan EA, Sandler DP. Menstrual and reproductive risk factors for ischemic heart disease. *Epidemiology* 10:255-259, 1999.
57. Marcus PM, Newman B, Millikan RC, Moorman PG, **Baird DD**, Qaquish B. The associations of adolescent cigarette smoking, alcoholic beverage consumption, environmental tobacco smoke, and ionizing radiation with subsequent breast cancer risk. *Cancer Causes Control*. 11:271-278, 2000.
58. Harlow SD, **Baird DD**, Winberg CR, Wilcox AJ. Urinary estrogen patterns in long follicular phases, *Human Reproduction* 15:11-16, 2000.
59. Wilcox AJ, Dunson DB, **Baird DD**. The timing of the fertile window in the menstrual cycle: Day-specific estimates from a prospective study. *Br Med J* 321:1259-1262, 2000.
60. Cooper GS, **Baird DD**, Weinberg CR, Ephross SA, Sandler DP. Age at menopause and childbearing patterns in relation to mortality. *Am J Epidemiol* 151:620-623, 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* 28:838-845, 2000.
62. Dunson DB, Weinberg CR, **Baird DD**, Kesner J, Wilcox AJ. Assessing human fertility using several markers of ovulation. *Stat Med* 20:965-978, 2001.



63. Dunson DB, **Baird DD**. A flexible parametric model for combining current status and age at first diagnosis data. *Biometrics* 57:396-403, 2001.
64. Vines AI, McNeilly MD, Stevens J, Hertz-Picciotto I, Bohlig M, **Baird DD**. Development and reliability of a Telephone-administered Perceived Racism Scale (TPRS): a tool for epidemiological use. *Ethnicity Dis* 11:251-262, 2002.
65. 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* 153:1159-1165, 2001.
66. Wilcox AJ, Dunson DD, 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* 63:211-215, 2001.
67. Wilcox, AJ, **Baird DD**, Dunson D, McChesney R, Weinberg CR. Natural limits of pregnancy testing in relation to the expected menstrual period. *J Am Med Assoc* 286:1759-1761, 2001.
68. Walker CL, Cesen-Cummings K, Houle C, **Baird DD**, Barrett JC, Davis B. Protective effect of pregnancy for development of uterine leiomyoma. *Carcinogenesis* 22:2049-2052, 2001.
69. Ragan 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* 185:572-578,2001.
70. Hoppin.JA, Brock JW, Davis BJ, **Baird DD**. Reproducibility of urinary phthalate metabolites in first morning urine samples. *Environ Health Perspect* 110:515-518, 2002.
71. 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* 155:664-671,2002.
72. Peck JD, Hulka BS, Richardson BE, Poole C, Savitz D, **Baird DD**. Steroid hormone levels during pregnancy and incidence of maternal breast cancer. *Cancer Epidemiol Biomarkers Prev* 11:361-368, 2002.
73. Sayle AE, Wilcox AJ, Weinberg CR, **Baird DD**. A prospective study of the onset of symptoms of pregnancy, *J Clin Epidemiol*, 55:676-680, 2002.
74. Dunson DB, **Baird DD**. A proportional hazards model for incidence and induced

- remission of disease. *Biometrics* 58:71-78, 2002.
75. Dunson DB, Colombo B, **Baird DD**. Changes with age in the level and duration of fertility in the menstrual cycle. *Human Reproduction* 17:1399-1403, 2002.
  76. 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* 13:668-674, 2002.
  77. Dunson DB, **Baird DD**. Bayesian modeling of incidence and progression of disease from cross-sectional data. *Biometrics* 58:813-822, 2002.
  78. **Baird DD**, Dunson DB, Hill MC, Cousins D, Schectman JM. High incidence of uterine leiomyoma: Ultrasound evidence. *Am J Obstet. Gynecol* 188:100-107, 2003.
  79. **Baird DD**, Weinberg CR, McConaughy DR, Wilcox AJ. Rescue of the corpus luteum in normal human pregnancy. *Biol Reprod* 68:448-456, 2003.
  80. Baird DD, Dunson DB. Why is parity protective for uterine fibroids? *Epidemiology*, 14:247-250, 2003.
  81. Basso O, Weinberg CR, **Baird DD**, Wilcox AJ, Olson J. Subfecundity as a correlate of preeclampsia. *Am J Epidemiol* 157:195-202, 2003.
  82. Wegienka G, **Baird DD**, Hirtz-Picciotto I, Harlow SD, Steege JF, Hill MC, Schectman JM, Hartmann KE. Self-reported heavy bleeding associated with uterine leiomyomata. *Obstet Gynecol* 101:431-437, 2003.
  83. Peck JD, Hulka BS, Savitz DA, **Baird DD**, Poole C, and Richardson BE. Accuracy of fetal growth indicators as surrogate measures of steroid hormone levels during pregnancy. *Am J Epidemiol* 157:258-266, 2003.
  84. Brewer EA, Kolotkin RL, **Baird DD**. Relationship between eating behaviors and obesity in African American and Caucasian women. *Eating Behaviors* 4:159-171, 2003.
  85. Harville EW, Wilcox AJ, **Baird DD**, Weinberg CR. Vaginal bleeding in very early pregnancy: *Human Reproduction* 18:1944-1947, 2003.
  86. Basso O, **Baird DD**. Infertility and preterm delivery, birthweight, and Caesarean section: a study within the Danish National Birth Cohort. *Human Reproduction* 18:2478-84. 2003.
  87. Wegienka G, **Baird DD**. Potential bias due to excluding oral contraceptive users when estimating menstrual cycle characteristics. *Am J Epidemiol* 158:947-950, 2003.

88. 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. *Environmental Health Perspectives* 111:1765-1772, 2003.
89. Dunson DB, **Baird DD**, Colombo B. Increased infertility with age in men and women. *Obstet Gynecol* 103:51-56, 2004.
90. Wegienka G, **Baird DD**, Hirtz-Picciotto I, Harlow SD, Hartmann KE. Uterine Leiomyomata (Fibroids): Are bleeding symptoms more likely to be reported after diagnosis? *J Clin Epidemiol* 57:318-320, 2004.
91. Wilcox AJ, **Baird DD**, Dunson DB, McConnaughey DR, Kesner JS, Weinberg CR. On the frequency of intercourse around ovulation: evidence for biological influences. *Human Reprod* 19:1539-1543, 2004.
92. Basso O, Wilcox AJ, Weinberg CR, **Baird DD**, Olsen J. Height and risk of severe pre-eclampsia. A study within the Danish National Birth Cohort. *Int J Epidemiol* 33:858-863, 2004.
93. Venn A, Bruinsma F, Werther G, Pyett P, **Baird DD**, Jones P, Rayner J, Lumley J. The use of oestrogen treatment to reduce the adult height of tall girls: long-term effects on fertility. *Lancet* 364:1513-1518, 2004.
94. Sallmen M, Weinberg C, **Baird DD**, Lindbohm M-L, Wilcox AJ. Has human fertility declined over time? Why we may never know. *Epidemiology*, 16:494-499, 2005.
95. 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, Plataras J, Roberts LJ, 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 CCl<sub>4</sub> poisoning? *Free Radic Biol Med* 38:698-710, 2005.
96. Kadiiska MB, Gladen BC, **Baird DD**, Graham LB, Parker CE, Ames BN, Basu S, FitzGerald GA, Lawson JA, Marnett LJ, Morrow JD, Murray DM, Plataras J, Roberts LJ, 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 CCl<sub>4</sub> poisoning. *Free Radic Biol Med* 38:711-718, 2005.
97. Kadiiska MB, Gladen BC, **Baird DD**, Graham LB, Parker CE, Ames BN, Basu S,

- FitzGerald GA, Lawson JA, Marnett LJ, Morrow JD, Murray DM, Plataras J, Roberts LJ, 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* 38:711-718, 2005.
98. Nguyen RHN, **Baird DD**. Accuracy of time-to-pregnancy data obtained from men. *Epidemiology*, 16:694-698, 2005.
  99. McChesney R, Wilcox AJ, O'Connor JF, Weinberg CR, **Baird DD**, Schlatterer JP, McConnaughey DR, Birken S, Canfield RE. Intact hCG, free hCG beta subunit and hCG beta core fragment: Intact hCG, free hCG beta subunit and hCG beta core fragment: longitudinal patterns in urine during early pregnancy. *Human Reproduction* 20:928-935, 2005.
  100. **Baird DD**, Newbold RN. Prenatal diethylstilbestrol (DES) exposure is associated with uterine leiomyoma development. *Reprod Tox* 20:81-84, 2005.
  101. Wegienka G, **Baird DD**. A Comparison of Recalled Date of Last Menstrual Period with a Menstrual Diary. *J Women's Health* 14:248-252, 2005.
  102. Vines AI, Light KC, McNeilly M, Stevens J, Hertz-Picciotto I, **Baird DD**. Social correlates of perceptions of and responses to racism among black women. *Ethnicity Dis* 16:101-107, 2006.
  103. **Baird DD**, Kesner JS, Dunson DB. Luteinizing hormone in premenopausal women may stimulate uterine leiomyomata development, *J Soc Gynecol Investig* 13:130-135, 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*, 63:469-475, 2006..
  105. Sallmen M, Sandler DP, Hoppin JA, Blair A, **Baird DD**. Evidence for reduced fertility among overweight and obese men, *Epidemiology* 17:520-523, 2006.
  106. Vines IV, **Baird DD**, Stevens, J, Hertz-Picciotto I, Light K, McNeilly MD. Perceived racism and passive coping: the risk of increased waist-to-hip ratios among African American women. *AJPH*, in press.
  107. Nguyen R, Wilcox AJ, **Baird DD**. Can men provide accurate confounder data about their partners for time-to-pregnancy studies? *Annals of Epidemiology*, in press.
  108. **Baird DD**, Dunson DB, Hill MC, Cousins D, Schectman JM. Physical activity is

associated with reduced uterine leiomyoma incidence. *Am J Epidemiol*, in press.

#### Manuscripts in review

109. **Baird DD**, Hill MC, Hartmann KE, Schectman JM, Dunson DB. Parity and location of uterine leiomyoma, *British J Obstet Gynecol*, in review.
110. Nguyen RHN, Wilcox AJ, Skjaerven R, **Baird DD**. Men's body mass index and reduced fertility. *JAMA*, in review.
111. Promislow JHE, **Baird DD**, Wilcox AJ, Weinberg CR. Bleeding following pregnancy loss prior to six weeks gestation. *Human Reproduction*, in review.
112. Gooden KM, Schroeder JC, North KE, Gammon MD, Hartmann KM, Taylor J, **Baird DD**. Val153Met Polymorphism of Catechol-O-Methyltransferase and Prevalence of Uterine Leiomyomata, *J Soc Gynecol Invest*, in review.
113. Zaura-Jukic AM, Weinberg CR, **Baird DD**, Wilcox AJ. An exploratory analysis of factors associated with follicular phase length. *Repro Tox*, in review.
114. Saldana TM, Basso O, Hoppin JA, **Baird DD**, Knott C, Blair A, Alavanja MCR, Sandler DP. Pesticide exposure and gestational diabetes in the agricultural health study. *Diabetes Care*, in review.
115. Gooden KM, Schroeder JC, North KE, Gammon MD, Hartmann KM, Taylor J, **Baird DD**. Polymorphisms and haplotypes of cytochrome P-450 1A1 and 1B1, and prevalence of uterine leiomyomata, *Human Reproduction*, in review.

#### Other publications

1. **Baird DD**, Wilcox AJ. Effects of occupational exposures on fertility of couples [invited review]. *Occupational Medicine: State of the Art Reviews*. 1:361-374, 1986.
2. **Baird DD**. Using time to pregnancy data to study occupational exposures: Methodology [proceedings]. *Reprod.Toxicology* 2:205-207, 1988.

3. **Baird DD**. Evidence for reduced fecundity in female smokers [invited review]. Pp 5-22 in, Effects of Smoking on the Fetus, Neonate, and Child. Oxford University Press, Oxford NY, 1992.
4. Wilcox AJ, Weinberg CR, **Baird DD**, Canfield RE. Endocrine detection of conception and early loss [proceedings]. Pp. 316-328 in Gray, R. H. (Ed.): Biomedical and Demographic Determinants of Human Reproduction. Oxford University Press, 1993.
5. **Baird DD**, Ragan NB, Wilcox AJ, Weinberg CR. Relationship between reduced fecundability and subsequent fetal loss [proceedings]. Pp. 329-341 in Gray, R. H. (Ed.): Biomedical and Demographic Determinants of Human Reproduction. Clarendon Press, Oxford, 1993.
6. **Baird DD**, Weinberg CR, Schwingl P, Wilcox AJ. Selection bias associated with contraceptive practice in time-to-pregnancy studies [proceedings]. *Annals NYAS* 709:156-164, 1994.
7. Weinberg CR, **Baird DD**, Wilcox AJ. Bias in retrospective studies of spontaneous abortion based on the outcome of the most recent pregnancy [proceedings]. *Annals NYAS* 709:280-286, 1994.
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Grand Rounds Obstetrics and Gynecology, New York University, December 2004

Advances in Uterine Leiomyoma Research: Invited talk, 2<sup>nd</sup> NIH International Congress, Washington, DC, February 2005

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

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