

7-23-08

CURRICULUM VITAE

Matthew P. Longnecker

CURRENT AND PAST POSITIONS

Medical Research Officer (Captain, Research Officer Group, Commissioned Corps)
Tenured Senior Investigator,
Epidemiology Branch,
National Institute of Environmental Health Sciences,
Research Triangle Park, North Carolina, 1995-

Adjunct Professor, Department of Epidemiology, University of North
Carolina at Chapel Hill, 2004-
(Adjunct Associate Professor, 1996-2003)

Assistant Professor of Epidemiology
University of California, Los Angeles
School of Public Health, 1989-1995

Research Assistant Professor, Department of Preventive Medicine
University of Southern California, School of Medicine, 1993-1995

EDUCATION

HARVARD SCHOOL OF PUBLIC HEALTH Sc.D. Epidemiology 1989
Boston, Massachusetts

DARTMOUTH MEDICAL SCHOOL M.D. 1981
Hanover, New Hampshire

ANTIOCH COLLEGE B.S. Biochemistry 1978
Yellow Springs, Ohio

CLINICAL TRAINING

Temple University Hospital, Philadelphia, Pennsylvania, 1981-84
Internal Medicine Internship and Residency

DISSERTATION

Topic: Alcohol Consumption and Diet in Relation to Risk of
Cancer of the Large Bowel

CERTIFICATION

Board Certified, American Board of Internal Medicine, 1985

LICENSURE

Licensed to practice medicine (Massachusetts)
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HONORS

Recipient, National Research Service Award (Institutional), 1984-1987

Recipient, Medical Foundation Fellowship, 1987-1989

Recipient, Career Development Award, from the University of California, Los Angeles, 1991 (provided sabbatical salary)

Member, Delta Omega National Honorary Public Health Society, 1990-

EDITORIAL

Associate Editor, *American Journal of Epidemiology*, 1997-2002, 2006-

Associate Editor, *Annals of Epidemiology*, 2000-2004

Advisory Editor, *Environmental Research*, 2002-

Editorial Board, *Epidemiology*, 2003-

Editorial Review Board, *Environmental Health Perspectives*, 2004-2006, 2008-

Deputy Editor (Interim), *Environmental Health Perspectives*, 2007-2008

GRANT AWARDS (Only principal investigator awards are listed)

"An IDEA for a cohort study of tobacco-related cancers," \$73,439, 1991-1992, California Tobacco-Related Disease Research Program.

"Measurement of dietary factors related to cancer risk," \$65,684, 1991-1994, Junior Faculty Research Award, American Cancer Society.

"Organochlorine residue levels and risk of breast cancer," \$427,571, 1994-1998, National Institute of Environmental Health Sciences. (R01).

PUBLICATIONS, in peer reviewed journals

1. Arvanitakis C, Longnecker MP, Folscroft J. Characterization of p-aminobenzoic acid transport across the rat intestine. *J Lab Clin Med* 1978;91:467-72.
2. Longnecker MP, Wolz M, Parker DA. Ethnicity, distilled spirits consumption and mortality in Pennsylvania. *J Studies on Alcohol* 1981;42:791-6.
3. Longnecker MP, Elsenhans VD, Leiman SM, Owen OE, Boden G. Insulin and a sulfonyleurea agent in non-insulin dependent diabetes Mellitus. *Arch Intern Med* 1986;146:673-6.
4. Longnecker MP, MacMahon B. Associations between alcoholic beverage consumption and hospitalization, 1983 National Health Interview Survey. *Am J Public Health* 1988;78:153-6.

(cont.)

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Publications in peer reviewed journals, cont.

5. Longnecker MP, Berlin JA, Orza MJ, Chalmers TC. A meta-analysis of alcohol consumption in relation to risk of breast cancer. *JAMA* 1988;260:652-6.
6. Rogers AE, Longnecker MP. Dietary and nutritional influences on cancer: a review of the epidemiologic and experimental data. *Lab Invest* 1988;59:729-59.
7. Longnecker MP, Clapp RW, Sheahan K. Associations between smoking status and stage of colorectal cancer at diagnosis in Massachusetts between 1982 and 1987. *Cancer* 1989;64:1372-4
8. Billings PC, Longnecker MP, Keary M, Taylor PR. Protease inhibitor content of human dietary samples. *Nutr Cancer* 1990;14:85-93.
9. Longnecker MP. A case-control study of alcoholic beverage consumption in relation to risk of cancer of the right colon and rectum in men. *Cancer Causes Control* 1990;1:5-14.
10. Longnecker MP, Orza MJ, Adams ME, Vioque J, Chalmers TC. A meta-analysis of alcoholic beverage consumption in relation to risk of colorectal cancer. *Cancer Causes Control* 1990;1:59-68.
11. Swanson CA, Longnecker MP, Veillon C, Howe SM, Levander OA, Taylor PR, McAdam PA, Brown CC, Stampfer MJ, Willett WC. Relation of selenium intake, age, gender, and smoking to indices of selenium status of adults residing in a seleniferous area. *Am J Clin Nutr* 1990;52:858-62.
12. Ozonoff D, Longnecker MP. Epidemiologic approaches to assessing human cancer risk from consuming aquatic food resources from chemically contaminated water. *Environ Health Perspect* 1991;90:141-6.
13. Longnecker MP, Taylor PR, Levander OA, Howe SM, Veillon C, McAdam PA, Patterson KY, Holden JM, Stampfer MJ, Morris JS, Willett WC. Selenium in diet, blood, and toenails in relation to human health in a seleniferous area. *Am J Clin Nutr* 1991;53:1288-94.
14. de Verdier MG, Longnecker MP. Eating frequency--a neglected risk factor for colon cancer? *Cancer Causes Control* 1992;3:77-81.
15. Longnecker MP, Martin-Moreno JM, Gey KF, Knekt P, Nomura AMY, Schober SE, Stahelin HB, Wald NJ, Willett WC. Serum α -tocopherol concentration in relation to risk of colorectal cancer: pooled data from five prospective cohort studies. *J Natl Cancer Inst* 1992;84:430-5.

(cont.)

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Publications in peer reviewed journals, cont.

16. Greenland S, Longnecker MP. Methods for trend estimation from summarized dose-response data, with applications to meta-analysis. *Am J Epidemiol* 1992;135:1301-9.
17. Longnecker MP, Newcomb PA, Mittendorf R, Greenberg ER, Clapp RW, Bogdan G, Willett WC, MacMahon B. The reliability of self-reported alcohol consumption in the remote past. *Epidemiology* 1992;3:535-9.
18. Longnecker MP. Alcohol consumption in relation to risk of cancers of the breast and large bowel. *Alcohol Health & Research World* 1992;16:223-9.
19. Longnecker MP, Stampfer MJ, Morris JS, Spate V, Baskett C, Mason M, Willett WC. A 1-y trial of the effect of high-selenium bread on selenium levels in blood and toenails. *Am J Clin Nutr* 1993;57:408-13.
20. Giovannucci E, Stampfer MJ, Colditz GA, Manson JE, Rosner BA, Longnecker MP, Speizer FE, Willett WC. A comparison of prospective and retrospective assessments of diet in the study of breast cancer. *Am J Epidemiol* 1993;137:502-11.
21. Berlin JA, Longnecker MP, Greenland S. Meta-analysis of epidemiologic dose-response data. *Epidemiology* 1993;4:218-28.
22. Salbe AD, Hill CH, Veillon C, Howe SM, Longnecker MP, Taylor PR, and Levander OA. Relationship between serum somatomedin C levels and tissue selenium content among adults living in a seleniferous area. *Nutrition Research* 1993;13:399-405.
23. Longnecker MP, Lissner L, Holden JM, Flack VF, Taylor PR, Stampfer MJ, Willett WC. The reproducibility and validity of a self-administered semiquantitative food-frequency questionnaire in subjects from South Dakota and Wyoming. *Epidemiology* 1993;4:356-65.
24. Courtney JG, Longnecker MP, Theorell T, Gerhardsson de Verdier M. Stressful life events and the risk of colorectal cancer. *Epidemiology* 1993;4:407-14.
25. Giovannucci E, Stampfer MJ, Colditz GA, Manson JE, Rosner BA, Longnecker MP, Speizer FE, Willett WC. Recall and selection bias in reporting past alcohol consumption among breast cancer cases. *Cancer Causes Control* 1993;4:441-8.
26. Newcomb PA, Storer BE, Longnecker MP, Mittendorf R, Greenberg ER, Clapp RW, Burke KP, Willett WC, MacMahon B. Lactation and a reduced risk of premenopausal breast cancer. *N Engl J Med* 1994;330:81-7.
27. Longnecker MP. Alcohol consumption in relation to risk of breast cancer: meta-analysis and review. *Cancer Causes Control* 1994;5:73-82.

(cont.)

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Publications in peer reviewed journals, cont.

28. Schatzkin A, Longnecker MP. Alcohol and breast cancer: where are we now and where do we go from here? *Cancer* 1994;74:1101-10.
29. Ursin G, Longnecker MP, Haile RW, Greenland S. A meta-analysis of body mass index and risk of premenopausal breast cancer. *Epidemiology* 1995;6:137-41.
30. Longnecker MP. Alcohol consumption and risk of cancer in humans: an overview. *Alcohol* 1995;12:87-96.
31. Longnecker MP, Gerhardsson de Verdier M, Frumkin H, Carpenter C. A case-control study of physical activity in relation to risk of cancer of the right colon and rectum in men. *Int J Epidemiol* 1995;24:42-50.
32. Lin HJ, Probst-Hensch NM, Ingles SA, Han CY, Lin BK, Lee DB, Frankl HD, Lee ER, Longnecker MP, Haile RW. Glutathione transferase (GSTM1) null genotype, smoking, and prevalence of colorectal adenomas. *Cancer Research* 1995;55:1224-6.
33. Enger SM, Longnecker MP, Shikany JM, Swenseid ME, Chen MJ, Harper JM, Haile RW. Questionnaire assessment of intake of specific carotenoids. *Cancer Epidemiol Biomarkers Prev* 1995;4:201-5.
34. Probst-Hensch NM, Haile RW, Ingles SA, Longnecker MP, Han CY, Lin BK, Lee DB, Sakamoto GT, Frankl HD, Lee ER, Lin HJ. Acetylation polymorphism and prevalence of colorectal adenomas. *Cancer Research* 1995;55:2017-20.
35. Longnecker MP, Newcomb PA, Mittendorf R, Greenberg ER, Clapp RW, Bogdan GF, Baron J, MacMahon B, Willett WC. Risk of breast cancer in relation to lifetime alcohol consumption. *J Natl Cancer Inst* 1995;87:923-9.
36. Mittendorf R, Longnecker MP, Newcomb PA, Dietz AT, Greenberg ER, Bogdan GF, Clapp RW, Willett WC. Strenuous physical activity in young adulthood and risk of breast cancer (United States). *Cancer Causes Control* 1995;6:347-53.
37. Stram DO, Longnecker MP, Shames L, Kolonel LN, Wilkens LR, Pike MC, Henderson BE. Cost-efficient design of a diet validation study. *Am J Epidemiol* 1995;142:353-62.
38. Trentham Dietz A, Newcomb PA, Storer BE, Longnecker MP, Mittendorf R. Multiple births and risk of breast cancer. *Int J Cancer* 1995;62:162-4.

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Publications in peer reviewed journals, cont.

39. Bird CL, Swenseid ME, Witte JS, Shikany JM, Hunt IF, Frankl HD, Lee ER, Longnecker MP, Haile RW. Red cell and plasma folate, folate consumption, and the risk of colorectal adenomatous polyps. *Cancer Epidemiol Biomarkers Prev* 1995;4:709-14.
40. Longnecker MP, Paganini-Hill A, Ross RK. Lifetime alcohol consumption and breast cancer risk among postmenopausal women in Los Angeles. *Cancer Epidemiol Biomarkers Prev* 1995;4:721-25.
41. Newcomb PA, Longnecker MP, Storer BE, Mittendorf R, Baron J, Clapp RW, Bogdan G, Willett WC. Long-term hormone replacement use and risk of breast cancer in postmenopausal women. *Am J Epidemiol* 1995;142:788-95.
42. Newcomb PA, Storer BE, Longnecker MP, Mittendorf R, Greenberg ER, Willett WC. Pregnancy termination in relation to risk of breast cancer. *JAMA* 1996;275:283-7.
43. Courtney JG, Longnecker MP, Peters RK. Psychosocial aspects of work and the risk of colon cancer. *Epidemiology* 1996;7:175-81.
44. Enger SM, Longnecker MP, Chen MJ, Harper JM, Lee ER, Frankl HD, Haile RW. Dietary intake of specific carotenoids, vitamins A, C, and E, and prevalence of colorectal adenomas. *Cancer Epidemiol Biomarkers Prev*, 1996;5:147-53.
45. Longnecker MP, Enger SM. Epidemiologic data on alcoholic beverage consumption and risk of cancer. *Clin Chimica Acta* 1996;246:121-41.
46. Longnecker MP, Chen MJ, Probst-Hensch NM, Harper JM, Lee ER, Frankl HD, Haile RW. Alcohol and smoking in relation to prevalence of adenomatous colorectal polyps detected at sigmoidoscopy. *Epidemiology* 1996;7:275-80.
47. Baron JA, Newcomb PA, Longnecker MP, Mittendorf R, Storer BE, Clapp RW, Bogdan G, Yuen J. Cigarette smoking and breast cancer. *Cancer Epidemiol Biomarkers Prev* 1996;5:399-403.
48. Egan KM, Newcomb PA, Longnecker MP, Trentham-Dietz A, Baron JA, Trichopolous D, Stampfer MJ, Willett WC. Jewish Religion and risk of breast cancer. *Lancet* 1996;347:1645-6.
49. Longnecker MP, Stram DO, Taylor PR, Levander OA, Howe M, Veillon C, McAdam, PA, Patterson KY, Holden JM, Morris JS, Swanson CA, Willett WC. Use of selenium concentration in whole blood, serum, or toenails, or urine as a surrogate measure of selenium intake. *Epidemiology* 1996;7:384-90.

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Publications in peer reviewed journals, cont.

50. Bird CL, Witte JS, Swenseid ME, Shikany JM, Hunt IF, Frankl HD, Lee ER, Longnecker MP, Haile RW. Plasma Ferritin, iron intake, and the risk of colorectal polyps. *Am J Epidemiol* 1996;144:34-41.
51. Bird CL, Ingles SA, Frankl HD, Lee ER, Longnecker MP, Haile RW. Serum lipids and adenomas of the left colon and rectum. *Cancer Epidemiol Biomarkers Prev* 1996;5:607-12.
52. Coogan PF, Clapp RW, Newcomb PA, Wenzl TB, Bogdan G, Mittendorf R, Baron JA, Longnecker MP. Occupational exposure to 60 Hz magnetic fields and risk of breast cancer in women. *Epidemiology* 1996;7:459-64.
53. Longnecker MP, Bernstein L, Bird CL, Yancey AK, Peterson JC. Measurement of organochlorine levels in postprandial serum or in blood collected in serum-separator tubes. *Cancer Epidemiol Biomarkers Prev* 1996;5:753-5.
54. Newcomb PA, Longnecker MP, Storer BE, Mittendorf R, Baron J, Clapp RW, Trentham-Dietz A, Willett WC. Recent oral contraceptive use and risk of breast cancer (United States). *Cancer Causes Control* 1996;7:525-32.
55. Coogan PF, Clapp RW, Newcomb PA, Mittendorf R, Bogdan G, Baron JA, Longnecker MP. Variation in female breast cancer risk by occupation. *Am J Industrial Med* 1996;30:430-7.
56. Witte JS, Longnecker MP, Bird CL, Lee ER, Frankl HD, Haile RW. Relation of vegetable, fruit, and grain, consumption to colorectal adenomatous polyps. *Am J Epidemiol* 1996;144:1015-25.
57. Longnecker MP, Bernstein L, Paganini-Hill A, Enger SM, Ross RK. Risk factors for in situ breast cancer. *Cancer Epidemiol Biomarkers Prev* 1996;5:961-5.
58. Shoff SM, Newcomb PA, Longnecker MP. Frequency of eating and risk of colorectal cancer in women. *Nutr Cancer* 1997;27:22-25.
59. Enger SM, Longnecker MP, Lee ER, Frankl HD, Haile RW. Recent and past physical activity and prevalence of colorectal polyps. *Br J Cancer* 1997;75:740-5.
60. Longnecker MP, Rogan WJ, Lucier G. The human health effects of DDT (dichlorodiphenyltrichloroethane) and PCBs (polychlorinated biphenyls) and an overview of organochlorines in public health. *Annu Rev Public Health* 1997;18:211-44.

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Publications in peer reviewed journals, cont.

61. Trentham-Dietz A, Newcomb PA, Storer BE, Longnecker MP, Baron J, Greenberg ER, Willett WC. Body size and risk of breast cancer. *Am J Epidemiol* 1997;145:1011-9.
62. Probst-Hensch NM, Sinha R, Longnecker MP, Witte JS, Ingles SA, Frankl HD, Lee ER, Haile RW. Meat preparation and colorectal adenomas in a large sigmoidoscopy-based case-control study in California (United States). *Cancer Causes Control* 1997;8:175-83.
63. Coogan PF, Newcomb PA, Clapp RW, Trentham-Dietz A, Baron JA, Longnecker MP. Physical activity in usual occupation and risk of breast cancer. *Cancer Causes Control* 1997;8:626-31.
64. Longnecker MP, Harper J, Kim S. Eating frequency in the Nationwide Food Consumption Survey (U.S.A.), 1987-1988. *Appetite* 1997;29:55-9.
65. DeVoto E, Fiore BJ, Millikan R, Henry A, Anderson HA, Sheldon L, Sonzogni WC, Longnecker MP. Correlation among human blood levels of specific PCB congeners and implications for epidemiologic studies. *Am J Indus Med* 1997;32:606-13.
66. Haile RW, Witte JS, Longnecker MP, Probst-Hensch N, Chen MJ, Harper J, Frankl HD, Lee ER. A sigmoidoscopy-based case-control study of polyps: macronutrients, fiber, and meat consumption. *Int J Cancer* 1997;73:497-502.
67. Longnecker MP, Newcomb PA, Mittendorf R, Greenberg ER, Willett WC. Intake of carrots, spinach, and supplements containing vitamin A in relation to risk of breast cancer. *Cancer Epidemiol, Biomarkers, Prev* 1997;6:887-92.
68. Longnecker MP, Sandler DP, Haile RW, Sandler RS. Phenolphthalein-containing laxative use in relation to adenomatous colorectal polyps in three studies. *Environ Health Perspect* 1997;105:1210-2.
69. Chen MJ, Longnecker MP, Morgenstern H, Frankl HD, Lee ER, Haile R. Recent use of hormone replacement therapy and the prevalence of colorectal adenomas. *Cancer Epidemiol Biomarkers Prev* 1998;7:227-30.
70. Egan KM, Stampfer MJ, Rosner BA, Trichopoulos D, Newcomb PA, Trentham-Dietz A, Longnecker MP, Mittendorf R, Greenberg ER, Willett WC. Risk factors for breast cancer in women with a breast cancer family history. *Cancer Epidemiol Biomarkers Prev* 1998;7:359-364.
71. Titus-Ernstoff L, Longnecker MP, Newcomb PA, Dain B, Greenberg ER, Mittendorf R, Stampfer M, Willett W. Menstrual factors in relation to breast cancer risk. *Cancer Epidemiol Biomarkers Prev* 1998;7:783-9.

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Publications in peer reviewed journals, cont.

72. Longnecker MP, Tseng M. Alcohol, hormones, and postmenopausal women. *Alcohol, Health & Research World* 1998;22:185-189.
73. Gladen BC, Longnecker MP, Schecter AJ. Correlations among polychlorinated biphenyls, dioxins, and furans in humans. *Am J Indust Med* 1999;35:15-20.
74. Enger SM, Ross RK, Paganini-Hill A, Longnecker MP, Bernstein L. Alcohol consumption and breast cancer hormone receptors: results from two population-based case-control studies. *Brit J Cancer* 1999;79:1308-14.
75. Longnecker MP, Klebanoff MA, Gladen BC, Berendes HW. Serial levels of serum organochlorines during pregnancy and postpartum. *Arch Environ Health* 1999;54:110-4.
76. Tseng M, Weinberg CR, Umbach DM, Longnecker MP. Calculation of population attributable risk for alcohol and breast cancer. *Cancer Causes Control* 1999;10:119-123.
77. McKelvey W, Greenland S, Chen MJ, Longnecker MP, Frankl HD, Lee ER, Haile RW. A case-control study of colorectal adenomatous polyps and consumption of foods containing partially hydrogenated oils. *Cancer Epidemiol Biomark Prev* 1999;8:519-24.
78. Brouwer A, Longnecker MP, Birnbaum LS, Cogliano J, Kostyniak P, Moore J, Schantz S, Winneke G. Characterization of potential endocrine-related health effects at low-dose levels of exposure to PCBs. *Environ Health Perspect* 1999;107(Suppl 4):639-49.
79. Sanz-Gallardo M, Guallar E, van't Veer P, Longnecker MP, Strain JJ, Martin BC, Kardinaal AFM, Fernandez-Crehuet J, Thamm M, Kohlmeier L, Kok FJ, Martin-Moreno JM. Determinants of p,p'-DDE concentration in adipose tissue in women from five European cities. *Arch Environ Health* 1999;54:277-83.
80. Longnecker MP, Michalek JE. Serum dioxin level in relation to diabetes mellitus among Air Force veterans with background levels of exposure. *Epidemiology* 2000;11:44-8.
81. Chie WC, Hsieh CC, Newcomb PA, Longnecker MP, Storer BE, Mittendorf R, Greenberg R, Clapp RW, Burke KP, Titus-Ernstoff L, Trentham-Dietz A, MacMahon B. Age at any full-term pregnancy and risk of breast cancer. *Am J Epidemiol* 2000;151:715-22.
82. Tseng M, Ingram DD, Darden R, Ziegler RG, Longnecker MP. Eating frequency and risk of colorectal cancer. *Nutr Cancer* 2000;36:170-6.

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Publications in peer reviewed journals, cont.

83. Longnecker MP, Gladen BC, Patterson DG Jr, Rogan WJ. Polychlorinated biphenyl (PCB) exposure in relation to thyroid hormone levels in neonates. *Epidemiology* 2000;11:249-54.
84. Longnecker MP, Kamel F, Umbach DM, Munsat TL, Shefner JM, Lansdell LW, Sandler DP. Dietary intake of calcium, magnesium, and antioxidants in relation to risk of amyotrophic lateral sclerosis. *Neuroepidemiology* 2000;19:210-6.
85. Longnecker MP, Ryan JJ, Gladen BC, Schecter AJ. Correlations among human plasma levels of dioxin-like compounds and polychlorinated biphenyls (PCBs) and implications for epidemiologic studies. *Arch Environ Health* 2000;55:195-200.
86. Cooper GS, Longnecker MP, Sandler DP, Ness RB. Risk of ovarian cancer in relation to use of phenolphthalein-containing laxatives. *Brit J Cancer* 2000;83:404-6.
87. Longnecker MP, Klebanoff MA, Brock JW, Zhou H. Polychlorinated biphenyl (PCB) serum levels in pregnant diabetics. *Diabetes Care* 2001;24:1099-1101.
88. Michalek JE, Ketchum NS, Longnecker MP. Serum dioxin and hepatic abnormalities in veterans of Operation Ranch Hand. *Ann Epidemiol* 2001;11:304-11
89. Guo X, Longnecker MP, Michalek JE. Relation of serum tetrachlorodibenzo-p-dioxin (TCDD) concentration to diet among veterans in the Air Force Health Study with background-level exposure. *J Toxicol Environ Health A* 2001;63:159-72.
90. Longnecker MP, Klebanoff MA, Zhou H, Brock JW. Association between maternal serum concentration of the DDT metabolite DDE and preterm and small-for-gestational-age babies at birth. *Lancet* 2001;358:110-4.
91. Michalek JE, Akhtar FZ, Longnecker MP, Burton JE. Relation of serum 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) level to hematological examination results in veterans of Operation Ranch Hand. *Arch Environ Health* 2001;56:396-405.
92. Longnecker MP, Daniels JL. Environmental contaminants as etiologic factors for diabetes. *Environ Health Perspect* 2001;109(Suppl 6):871-6.
93. Longnecker MP, Klebanoff MA, Brock JW, Zhou H, Gray KA, Needham LL, Wilcox AJ. Maternal serum level of 1,1-dichloro-2,2-bis(p-chlorophenyl)ethylene and risk of cryptorchidism, hypospadias, and polythelia among male offspring. *Am J Epidemiol* 2002;155:313-22.

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Publications in peer reviewed journals, cont.

94. Martin SA Jr, Harlow SD, Sowers MF, Longnecker MP, Garabrant D, Shore DL, Sandler DP. DDT metabolite and androgens in African-American farmers. *Epidemiology* 2002;13:454-8.
95. Zhou H, Weaver MA, Qin J, Longnecker MP, Wang MC. A semiparametric empirical likelihood method for data from an outcome-dependent sampling scheme with a continuous outcome. *Biometrics* 2002;58:413-21.
96. Longnecker MP, Wolff MS, Gladen BC, Brock JW, Grandjean P, Jacobson JL, Korrick SA, Rogan WJ, Weisglas-Kuperus N, Hertz-Picciotto I, Ayotte P, Stewart P, Winneke G, Charles MJ, Jacobson SW, Dewailly E, Boersma ER, Altshul LM, Heinzow B, Pagano JJ, Jensen AA. Comparison of Polychlorinated Biphenyl Levels across Studies of Human Neurodevelopment. *Environ Health Perspect* 2003;111:65-70.
97. Longnecker MP, Zhou H, Klebanoff MA, Brock JW. An unexpected distribution of sodium concentration in serum specimens stored for more than 30 years. *Ann Epidemiol* 2003;13:178-81.
98. Daniels JL, Longnecker MP, Klebanoff MA, Gray KA, Brock JW, Zhou H, Chen Z, Needham LL. Prenatal exposure to low level polychlorinated biphenyls in relation to mental and motor development at 8 months. *Am J Epidemiol* 2003;157:485-92.
99. The National Children's Study Interagency Coordinating Committee. The National Children's Study of Environmental Effects on Child Health and Development. *Environ Health Perspect* 2003;111:640-6.
100. Newcomer LM, Newcomb PA, Potter JD, Yasui Y, Trentham-Dietz A, Storer BE, Longnecker MP, Baron JA, Daling JR. Postmenopausal hormone therapy and risk of breast cancer by histologic type among postmenopausal women. *Cancer Causes Control* 2003;14:225-33.
101. Newcomer LM, Newcomb PA, Trentham-Dietz A, Longnecker MP, Greenberg ER. Oral contraceptive use and risk of breast cancer by histologic type. *Int J Cancer* 2003;106:961-4.
102. Longnecker MP, Bellinger DC, Crews D, Eskenazi B, Silbergeld EK, Woodruff TJ, Susser ES. An approach to assessment of endocrine disruption in the National Children's Study. *Environ Health Perspect* 2003;111:1691-7.
103. Cooper GS, Longnecker MP, Peters RK. Risk of Ovarian Cancer and Use of Phenolphthalein-Containing Laxatives. *Pharmacoepidemiology Drug Safety* 2004;13:35-9.

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Publications in peer reviewed journals, cont.

104. Daniels JL, Longnecker MP, Rowland AS, Golding J, and the ALSPAC Study Team. Fish intake during pregnancy in relation to offspring's early cognitive development. *Epidemiology* 2004;15:394-402.
105. Cooper GS, Martin SA, Longnecker MP, Sandler DP, Germolec DR. Associations between plasma DDE levels and immunologic measures in African-American farmers in North Carolina. *Environ Health Perspect* 2004;112:1080-4.
106. Salazar-Martinez E, Romano-Riquer P, Yanez-Marquez E, Longnecker MP, Hernandez-Avila M. Anogenital Distance in Human Male and Female Newborns: A Descriptive, Cross-sectional Study. *Environ Health* 2004;3(1):8.
107. Longnecker MP, Hoffman HJ, Klebanoff MA, Brock JW, Zhou H, Needham L, Adera T, Guo X, Gray KA. In utero exposure to polychlorinated biphenyls and sensorineural hearing loss in 8-year old children. *Neurotoxicol Teratol* 2004;26:629-37.
108. Gladen BC, Klebanoff MA, Hediger ML, Katz SH, Barr DB, Davis MD, Longnecker MP. Prenatal DDT exposure in relation to anthropometric and pubertal measures in adolescent males. *Environ Health Perspect* 2004;112:1761-7.
109. Longnecker MP, Klebanoff MA, Dunson DB, Guo X, Chen Z, Zhou H, Brock JW. Maternal serum level of the DDT metabolite DDE in relation to fetal loss in previous pregnancies. *Environ Res* 2005;97:126-32.
110. Vupputuri S, Longnecker MP, Guo X, Daniels JL, Sandler DP. Blood mercury level and blood pressure among U.S. women: results from the National Health and Examination Survey, 1999-2000. *Environ Res* 2005;97:194-9.
111. Cooper GS, Klebanoff MA, Promislow J, Brock JW, Longnecker MP. Polychlorinated biphenyls and menstrual cycle characteristics. *Epidemiology* 2005;16:191-200.
112. Zhang Y, Graubard BI, Klebanoff MA, Ronckers C, Stanczyk FZ, Longnecker MP, McGlynn KA. Maternal hormone levels among populations at high and low risk of testicular germ cell cancer. *Br J Cancer* 2005;92:1787-93.
113. Gray KA, Klebanoff MA, Brock JW, Zhou H, Darden R, Needham L, Longnecker MP. In utero exposure to background levels of polychlorinated biphenyls and cognitive functioning among school-aged children. *Am J Epidemiol* 2005;162:17-26.
114. McGlynn KA, Graubard BI, Nam JM, Stanczyk FZ, Longnecker MP, Klebanoff MA. Maternal Hormone Levels and Risk of Cryptorchism among Populations at High and Low Risk of Testicular Germ Cell Tumors. *Cancer Epidemiol Biomarkers Prev* 2005;14:1732-7.
115. Longnecker MP, Klebanoff MA, Brock JW, Guo X. Maternal serum level of polychlorinated biphenyls in relation to preterm and small-for-gestational-age birth. *Epidemiology* 2005;16:641-7.

(cont.)

Dr. Longnecker, page 13

Publications in peer reviewed journals, cont.

116. Gesink Law DC, Klebanoff MA, Brock JW, Longnecker MP. Maternal serum levels of polychlorinated biphenyls (PCBs) and p,p'-dichloro-2,2-bis(p-chlorophenyl)ethylene (DDE) and time to pregnancy. *Am J Epidemiol* 2005;162:523-32.
117. Chen A, Gladen BC, Klebanoff MA, Rogan WJ, Longnecker MP. Maternal smoking during pregnancy in relation to child overweight: follow-up to age 8 years. *Int J Epidemiol* 2006;35:121-30.
118. McGlynn KA, Graubard BI, Klebanoff MA, Longnecker MP. Risk factors for cryptorchism among populations at differing risks of testicular cancer. *Int J Epidemiol* 2006;35:787-95.
119. Elliot L, Longnecker MP, Kissling GE, London SJ. Volatile organic compounds and pulmonary function in the Third National Health and Nutrition Examination Survey, 1988-1994. *Environ Health Perspect* 2006;114:1210-4.
120. Ribas-Fitó N, Gladen BC, Brock JW, Klebanoff MA, Longnecker MP. Prenatal exposure to p,p'-DDE in relation to child growth. *Int J Epidemiol* 2006;35:853-8.
121. Gatto NM, Longnecker MP, Press MF, Sullivan-Halley J, McKean-Cowdin R, Bernstein L. Serum Organochlorines and Breast Cancer: A case-control study among African-American women. *Cancer Causes Control* 2007;18:29-39.
122. Gesink Law DC, Maclehorse R, Longnecker MP. Obesity and time to pregnancy. *Hum Reprod* 2007;22:414-20.
123. Zhang Y, Graubard BI, Longnecker MP, Stanczyk FZ, Klebanoff MA, McGlynn KA. Associations of perinatal characteristics with maternal hormone levels among white and black populations. *Ann Epidemiol* 2007;17:85-92.
124. Romano-Riquer SP, Hernández-Ávila M, Gladen BC, Cupul-Uicab LA, Longnecker MP. Reliability and determinants of anogenital distance and penis dimensions in male newborns from Chiapas, México. *Paediatr Perinat Epidemiol* 2007;21:219-28.
125. Longnecker MP, Gladen BC, Cupul-Uicab LA, Romano-Riquer SP, Weber JP, Chapin RE, Hernández-Ávila M. *In utero* exposure to the antiandrogen 1,1-dichloro-2,2-bis(p-chlorophenyl)ethylene (DDE) in relation to anogenital distance in male newborns from Chiapas, México. *Am J Epidemiol* 2007;165:1015-22.
126. Zhou H, Chen J, Rissanen TH, Korrick SA, Hu H, Salonen JT, Longnecker MP. Outcome-dependent sampling: An efficient sampling and inference procedure for studies with a continuous outcome. *Epidemiology* 2007;18:461-8.

(cont.)

Dr. Longnecker, page 14

Publications in peer reviewed journals, cont.

127. Daniels JL, Rowland AS, Longnecker MP, Crawford P, Golding J, The ALSPAC Study Team. Maternal dental history, child's birth outcome and early cognitive development. *Paediatr Perinat Epidemiol* 2007;21:448-57.
128. Pierik FH, Klebanoff MA, Brock JW, Longnecker MP. Maternal pregnancy serum level of heptachlor epoxide, hexachlorobenzene, and •-hexachlorocyclohexane and risk of cryptorchidism in offspring. *Environ Res* 2007;105:364-9.
129. Fraser A, Longnecker MP, Lawlor DA. Prevalence of elevated alanine-aminotransferase (ALT) among US adolescents and associated factors: NHANES 1999-2004. *Gastroenterology* 2007;133:1814-20.
130. Cupul-Uicab LA, Gladen BC, Hernández-Ávila Mauricio, Weber JP, Longnecker MP. DDE, a degradation product of DDT, and duration of lactation in a highly exposed area of Mexico. *Environ Health Perspect* 2008;116:179-83.
131. Ye X, Fitzgerald EF, Gomez MI, Lambert GH, Longnecker MP. The ratio of specific polychlorinated biphenyls as a surrogate biomarker of CYP1A2 activity – a pharmaco-metabonomic study in humans. *Cancer Epidemiol Biomarkers Prev* 2008;17:1013-5.
132. Longnecker MP, Smith CS, Kissling GE, Hoppin JA, Butenhoff JL, Decker E, Ehresman DJ, Ellefson ME, Flaherty J, Gardner MS, Langlois E, LeBlanc A, Lindstrom AB, Reagen WK, Strynar MJ, Studabaker WB. An interlaboratory study of perfluorinated alkyl compound levels in human plasma. *Environ Res* 2008;107:152-9.
133. Windham GC, Zhang L, Longnecker MP, Klebanoff M. Maternal Smoking, Demographic and lifestyle factors in relation to daughter's age at menarche. *Paediatr Perinat Epidemiol* (in press).
134. Arbuckle TE, Hauser R, Swan SH, Mao CS, Longnecker MP, Main KM, Whyatt RM, Mendola P, Legrand M, Rovet J, Till C, Wade M, Jarrell J, Matthews S, Van Vliet G, Bornehag CG, Mieusset R. Meeting Report: Measuring Endocrine-Sensitive Endpoints within the First Years of Life. *Environ Health Perspect* 2008;116:948-51.
135. Cupul-Uicab LA, Gladen BC, Hernández-Ávila M, Longnecker MP. Reliability of reported breastfeeding duration among reproductive-aged women from Mexico. *Matern Child Nutr* (in press).
136. Ye X, Pierik FH, Hauser R, Duty S, Angerer J, Park MM, Burdorf A, Hofman A, Jaddoe VWV, Mackenbach JP, Steegers EAP, Tiemeier H, Longnecker MP. Urinary metabolite concentrations of organophosphorous pesticides, bisphenol A, and phthalates among pregnant women in Rotterdam, the Netherlands: The Generation R Study. *Environ Res* (in press).

(cont.)

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Book chapters

1. Longnecker MP, Tseng M. Alcohol and Cancer. In: Nutritional Oncology (Heber D, Blackburn GL, Go VLW, eds.). San Diego: Academic Press, Inc. 1999:277-98.
2. Longnecker MP. Endocrine and other human health effects of environmental and dietary exposure to polychlorinated biphenyls (PCBs). In: PCBs: Recent Advances in Environmental Toxicology and Health Effects (Robertson LW, Hansen LG, eds.). Lexington, KY: University Press of Kentucky, 2001:111-8.
3. Longnecker MP, Korrick SA, Moysich KB. Human health effects of polychlorinated biphenyls. In: Dioxins and Health, 2nd Ed (Schechter A, Gasiewicz TA, eds.). Hoboken, NJ: Wiley-Interscience, 2003:679-728.

Government Report (Chapter)

1. Longnecker MP. Meta-analysis. In: U.S. Congress, Office of Technology Assessment, Tools for Evaluating Health Technologies: Five Background Papers, BP-H-142 (Washington, DC: U.S. Government Printing Office, February, 1995).

Corporate Authorship (Listed Collaborator)

1. Collaborative Group on Hormonal Factors in Breast Cancer. Breast cancer and hormonal contraceptives: collaborative reanalysis of individual data on 53,297 women with breast cancer and 100,239 women without breast cancer from 54 epidemiological studies. Lancet 1996;347:1713-27.
2. Collaborative Group on Hormonal Factors in Breast Cancer. Breast cancer and hormone replacement therapy: collaborative reanalysis of data from 51 epidemiological studies of 52705 women with breast cancer and 108411 women without breast cancer. Lancet 1997;350:1047-59.
3. Collaborative Group on Hormonal Factors in Breast Cancer. Alcohol, tobacco and breast cancer--collaborative reanalysis of individual data from 53 epidemiological studies, including 58,515 women with breast cancer and 95,067 women without the disease. Br J Cancer. 2002;87:1234-45.

Editorials and Commentaries

1. Longnecker MP. Do hormones link alcohol with breast cancer? J Natl Cancer Inst 1993;85:692-3.
2. Longnecker MP. Do the *trans* fatty acids in margarine and other foods increase risk of coronary heart disease? Epidemiology 1993;4:492-5.
3. Longnecker MP. Food labels, *trans* fatty acids, and coronary heart disease. Epidemiology 1997;8:122-3.

(cont.)

Dr. Longnecker, page 16

Editorials and Commentaries, cont.

4. Longnecker MP. Invited commentary: The Framingham results on alcohol and breast cancer. *Am J Epidemiol* 1999;149:102-4.
5. Longnecker MP, Rogan WJ. Invited commentary: Persistent organic pollutants in children. *Pediatr Res* 2001;50:322-3.
6. Longnecker MP. Invited commentary: Why DDT matters now. *Am J Epidemiol* 2005;162:726-8.
7. Longnecker MP. Pharmacokinetic variability and the miracle of modern analytical chemistry. *Epidemiology* 2006;17:350-1.

Publications in peer reviewed journals that are not listed in Index Medicus

1. Longnecker MP. Selenium: the public health connection. *Health & Environment Digest* 1989;3:1-3.
2. Soto-Pedre E, Longnecker MP, Muniz J, Pradas-Montilla C, Juane R, Carbajal A, Moreiras O, Varela G, Castro-Beiras A. Nutritional correlates of high-density lipoprotein cholesterol among adults in northwest Spain: results from the Brigantium study. *Cardiovasc Risk Fact* 1996;6:172-6.

Letters

1. Longnecker MP. Relationship between dietary fat consumption and colorectal neoplasia. *J Natl Cancer Inst* 1987;78:395.
2. Longnecker MP. Re: The evaluation of the data collection process for a multicenter, population-based case-control design. *Am J Epidemiol* 1989;129:1311.
3. Longnecker MP. Re: Dietary epidemiology of cancer of the colon in western New York and dietary calcium intake as a mitigating factor in colon cancer. *Am J Epidemiol* 1989;130:615.
4. Longnecker MP, London SJ. Re: Blood levels of organochlorine residues and risk of breast cancer. *J Natl Cancer Inst* 1993;85:1696-7.
5. Longnecker MP, Chen MJ, Caan B. Block vs. Willett: a debate on the validity of food frequency questionnaires. *J Am Diet Assoc* 1994;94:16-17.
6. Longnecker MP. Alcohol and breast cancer. *J Clin Epidemiol* 1995;48:497-501.
7. Longnecker MP. Re: "Point/counterpoint: meta-analysis of observational studies." *Am J Epidemiol* 1995;142:779-80.
8. Longnecker MP, Michalek JE. Re: "Weight history, glucose intolerance, and insulin levels in middle-aged Swedish men." *Am J Epidemiol* 1999;150:430-1.

(cont.)

Dr. Longnecker, page 17

Book review

1. Donald T. Wigle. Child Health and the Environment. Oxford: Oxford University Press, 2003. 396 pp, paper, USD 55.00. ISBN: 0-19-513559-8. Epidemiology 2003;14:753.

Scientific Leadership--National

Organizer/Moderator, Symposium on "Early Life Exposures in Chronic Disease Epidemiology," Society for Epidemiologic Research, Baltimore, Maryland, June 10, 1999.

Organizer/Moderator, Spotlight Session on "Persistent Organic Pollutants", Society for Epidemiologic Research, Seattle, Washington, June 15, 2000.

Organizer/Moderator (with Julie Daniels), contributed paper session on "Neurodevelopmental Epidemiology", Society for Epidemiologic Research, Toronto, Ontario, Canada, June 15, 2001.

Organizer/Moderator, Symposium on "Rationale, strengths and strategies for new large birth cohort studies," Society for Epidemiologic Research, Palm Desert, California, June 19, 2002.

Organizing Committee, Thyroid Hormone and Brain Development: Translating Molecular Mechanisms to Population Risk, An International Conference, 9-29-02 to 9-25-02, NIEHS.

Organizer/Moderator, Spotlight Session on "Environmental effects on pregnancy outcome", Society for Epidemiologic Research, Atlanta, Georgia, June 13, 2003.

Organizer/Moderator, Spotlight Session on "Environmental Epidemiology", Society for Epidemiologic Research, Salt Lake City, Utah, June 16, 2004.

Planning Committee, "Epidemiology without Borders", a Joint Meeting of the Society for Epidemiologic Research and the Canadian Society for Epidemiology and Biostatistics, Toronto, Canada, June 27-30, 2005.

Organizer/Moderator, Spotlight Session on "Environmental Epidemiology", Society for Epidemiologic Research (see above), Toronto, Canada, June 28, 2005.

Scientific Leadership--International

Chair/Organizer, Symposium on "Effects of early environmental exposure on neurodevelopment," The XV International Scientific Meeting of the International Epidemiological Association, Florence, Italy, September 3, 1999.

Co-chair, concurrent session on "Endocrine disruptors," 15th Conference of the International Society for Environmental Epidemiology, Perth, Western Australia, September 25, 2003.

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Scientific Leadership--International, cont.

Chair/Organizer, Symposium on "Risks and Benefits of DDT use in Malaria Control," 17th Annual Conference of the International Society for Environmental Epidemiology, Johannesburg, South Africa, 9-15-05.

Co-chair, concurrent session on "Birth cohorts: what can be learned?," Dioxin 2006: 26th International Symposium on Halogenated Persistent Organic Pollutants, Oslo, Norway, 8-24-06.

Member, International Society for Environmental Epidemiology 2007 Program Development Committee (19th Conference, Mexico City)

Co-chair/Organizer, Symposium on "Emerging Issues in Air Pollution Research," International Society for Environmental Epidemiology (ISEE), 19th Conference, Mexico City, 9-8-07.

Co-chair/Organizer, Symposium on "Organophosphate Pesticides and Neurodevelopment," International Society for Environmental Epidemiology (ISEE), 19th Conference, Mexico City, 9-8-07.

INVITED PRESENTATIONS

"Meta-Analysis of Alcohol Consumption in Relation to Risk of Breast Cancer," 15th International Cancer Congress, Symposium, Epidemiology of Breast Cancer, Hamburg, Germany, 8-17-90.

"Meta-Analysis of Observational Epidemiologic Data," Industrial Epidemiology Forum, Symposium on the Use of Meta-Analysis in Epidemiologic Research, Buffalo, NY, 6-10-91.

"Results from a Large Multicenter Case-Control Study of Breast Cancer, and from Meta-Analysis," American Society for Preventive Oncology, Symposium, Does Moderate Alcohol Consumption Effect [sic] the Risk of Cancer?, Bethesda, MD, 3-15-92.

"The Role of Alcohol in Breast Cancer," Meeting of the President's Cancer Panel, Special Commission on Breast Cancer, Reston, VA, 9-23-92.

"Alcohol Consumption and Risk of Cancer in Humans: An Overview and Focus on Cancers of the Breast and Large Bowel," Research Society on Alcoholism, Symposium, Alcohol and Cancer, Maui, HI, 6-19-94.

"Alcohol Consumption and Risk of Cancer in Humans: An Overview and Focus on Cancer of the Breast," Oldways International Symposium, Wine's Place at a Healthy Table, San Francisco, CA, 6-21-94.

"Alcohol and Cancer," Cancer Prevention and Control Academic Course, Lecture, National Cancer Institute, Rockville, MD, 8-3-94.

"Alcohol Involvement in Breast and Colorectal Cancer," Texas Research Society on Alcoholism (conference), Addiction Science: Are You Prepared for the 21st Century?, Austin, TX, 9-9-94.

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Dr. Longnecker, page 19

Invited presentations, cont.

"The Epidemiology of Alcohol Consumption and Cancer," Nutrition and Health Seminar Series, Environmental and Occupational Health Sciences Institute, Robert Wood Johnson Medical School/Rutgers University, Piscataway, NJ, 12-1-94.

"Alcohol and Cancer: Is there an Epidemiologic Connection?," Health Effects of Moderate Alcohol Consumption: Good, Bad, or Indifferent?, International Symposium, Toronto, Canada, 12-4-94.

"Nutrition and Carcinogenesis," Symposium on Effects of Nutrition and Cancer, 63rd Annual Postgraduate Convention, School of Medicine and Public Health, Loma Linda University, Loma Linda, CA, 3-7-95.

"Seminar on Meta-analysis," Radiation and Epidemiology Scientific Committee 1, National Council on Radiation Protection and Measurements, Bethesda, MD, 7-20-95.

"Alcohol and Cancer," Cancer Prevention and Control Academic Course, Lecture, National Cancer Institute, Rockville, MD, 7-28-95.

"Meta-analysis for observational studies" and "The current state of the art regarding the relationship between alcohol and cancer," Escuela Nacional de Sanidad (Keynote) lecture, Sanidad Espanola de Epidemiologie (Spanish Epidemiologic Society) Scientific Meeting, Zaragoza, Spain, 10-25-96.

"Alcohol and breast cancer—overview." International Medical Advisory Group Conference, Bath, England, 9-22-97.

"Alcohol and cancer." Fourth International Symposium on Nutrition in Cancer, New Orleans, LA, 10-31-97.

"Alcohol and breast cancer." Massachusetts Department of Public Health Breast Cancer Research Program 1997-1998 Lecture Series, Harvard School of Public Health, Boston, MA, 2-11-98.

"The usefulness of summarizing heterogeneous results and the questionable promise of meta-regression." Society for Epidemiologic Research, annual meeting, Symposium on "Methods and applications of meta-analysis." Chicago, IL, 6-25-98.

"A new approach to design and data analysis for CPP-based studies that make use of sera, and experience with recent laboratory analysis of CPP sera." Fourth Annual Symposium on the Neurovirology and Neuroimmunology of Schizophrenia and Bipolar Disorders, Session on Perinatal Factors and Psychiatric Diseases, A: What can we learn from the Prospective Perinatal Cohort (CPP) study?, Bethesda, MD, 11-6-98.

"Dioxin and diabetes in subjects with background-level exposure." Presentation at the 1999 Institute of Medicine Agent Orange-Diabetes Workshop, The National Academies, Washington, DC, 7-23-99.

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Invited Presentation, cont.

"PCB exposure in utero and neurodevelopment in the Collaborative Perinatal Project: preliminary results," Symposium on "Effects of early environmental exposure on neurodevelopment," The XV International Scientific Meeting of the International Epidemiological Association, Florence, Italy, September 3, 1999.

"Health effects of persistent organic pollutants: new results", seminar, State University of New York, School of Public Health, Albany, NY, September 24, 1999.

"Polychlorinated biphenyl exposure in utero and subsequent neurodevelopment: experience from the Collaborative Perinatal Project (CPP)", Fifth Symposium on the Neurovirology and Neuroimmunology of Schizophrenia and Bipolar Disorders and other Neuropsychiatric Diseases, Session II: Perinatal Exposures and Adult Brain Diseases, Bethesda, MD, 11-4-99.

"Epidemiology and assessment of outcomes", Endocrine Disruptors & Children's Health: A Workshop to Examine the Effects of Endocrine Disruptors on Child Development for a National Longitudinal Study, The New York Academy of Medicine, New York, NY, 3-17-00.

"Epidemiological study design with toxicological input", Environmental Epidemiology and Toxicology: The Interface and the Interactions, Continuing Education Course, Society of Toxicology, 39th Annual Meeting, Philadelphia, PA, 3-19-00.

"Endocrine health effects of environmental and dietary exposures", PCB Workshop: Recent Advances in the Environmental Toxicology and Health Effects of PCBs, Lexington, KY, 4-10-00.

"Health effects of persistent organic pollutants", Departmental Seminar, Department of Social and Preventive Medicine, State University of New York at Buffalo School of Medicine and Biomedical Sciences, Buffalo, NY, 4-28-00.

"Health effects of persistent organic pollutants", Seminar, University of Medicine and Dentistry of New Jersey-School of Public Health, Piscataway, N.J., 5-14-00.

"In utero exposure to organochlorines in relation to development in subjects from a large cohort study," St. Lawrence and Great Lakes contamination: Is there any reason to be concerned for human health, Session at International Association for Great Lakes Research, 43rd Conference, Cornwall, Ontario, Canada, 5-24-00.

"DDE is associated with increased risk of preterm delivery and small-for-gestational-age birthweight in humans, " Childhood health and development in relation to persistent organochlorine compounds, Session at 20th International Symposium on Halogenated Environmental Organic Pollutants & POPS, Monterey, CA, 8-14-00.

"Background level in utero exposure to the ubiquitous DDT metabolite DDE is associated with reduced height at age 7 years," Pollutants and development, Session at IX International Congress of Auxology: Human Growth: Conception to Maturity, Turin, Italy, 9-6-00.

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Dr. Longnecker, page 21

Invited presentations, cont.

"Are there environmental causes of diabetes?," Potential methods for detecting community exposure to critical pollutants, Session at Workshop on Methodologies for Community Health Assessment in Areas of Concern. International Joint Commission, Great Lakes Science Advisory Board's Workgroup on Ecosystem Health, Windsor, Ontario, Canada, 10-5-00.

"Effects of EDCs on birth outcomes in the U.S.," Human Observation and Reproductive Toxicology, Session at International Workshop on Endocrine Disrupting Chemicals and Their Toxicological Evaluation. Tsukuba, Japan, 3-1-01.

"Exposures to environmental agents and preterm delivery," The Role of Environmental Toxicants in Premature Birth, Workshop, Roundtable on Environmental Health Sciences, Research, and Medicine, Institute of Medicine, The National Academies. Washington, DC, 10-2-01.

"Have adverse effects on children of ongoing DDT use been overlooked?," Department Seminar, Department of Environmental Health, College of Medicine, University of Cincinnati, Cincinnati, OH, 1-30-02; and "Some controversies about effects of environmental exposures on neurodevelopment in children," Division Seminar, Division of Epidemiology and Biostatistics, Department of Environmental Health, College of Medicine, University of Cincinnati, Cincinnati, OH, 1-31-02.

"In utero exposure to persistent organic pollutants in relation to child health in the Collaborative Perinatal Project," Environmental Contaminants and Human Development, session during Charting the Course: First CDC Conference on Birth Defects, Developmental Disabilities, and Disability and Health, Atlanta, Georgia, 9-18-02.

"Environmental contaminants as etiologic factors for type 2 diabetes," Prevention of Type 2 Diabetes, Symposium during 3rd World Congress on Prevention of Diabetes and Its Complications and 4th Hong Kong Diabetes and Cardiovascular Risk Factors East Meets West Symposium, Hong Kong, People's Republic of China, 9-29-02.

"Long-term consequences of toxic exposure during fetal development," Long-term, Latent Effects of Fetal Development, Symposium. Johns Hopkins Bloomberg School of Public Health, 10-30-02.

"In utero exposure to organochlorines in relation to reproductive and developmental outcomes in the Collaborative Perinatal Project," Adverse Health Effects of Persistent Organic Pollutants, Symposium. 15th Conference of the International Society for Environmental Epidemiology, Perth, Western Australia, September 25, 2003.

"Research and community perspectives on environmental contributions to diabetes," Emerging Links Between Chronic Disease and the Environment: A Training Workshop for Health Professionals (Organized by Physicians for Social Responsibility). Washington, DC, 10-21-03.

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Dr. Longnecker, page 22

Invited presentations, cont.

"DDT's effects on human health: many questions, few answers, and a lot of new data," Fall 2003 Epidemiology Seminar Series, Department of Epidemiology, College of Human Medicine, Michigan State University, East Lansing, MI, 11-6-03.

"Prenatal exposure to PCBs and heptachlor epoxide in relation to child development in the Collaborative Perinatal Project." Twenty-first International Neurotoxicology Conference. Infant and Child Neurotoxicity Studies: Subtle and Long-term Effects, Honolulu, Hawaii, 2-11-04.

"New data on the human health effects of DDT." Director's Seminar Series, National Institutes of Health, Bethesda, MD 2-20-04.

"Early exposure to sex steroids and subsequent body dimensions in humans," Gordon Research Conference on Environmental Endocrine Disruptors, New London, New Hampshire, June 8, 2004.

"DDT and endocrine and reproductive outcomes in humans," Malaria Control: A Reconsideration of the Role of DDT, Board on Global Health and Board on Agriculture and Natural Resources, The National Academies, Washington, D.C., 7-21-04.

"Weak epidemiologic associations and meta-analysis," The Interpretation of Weak Associations Identified in Environmental or Occupational Epidemiology, Symposium. Risk Analysis: The Profession and the Future, 2004 Annual Meeting of the Society for Risk Analysis, Palm Springs, California, December 7, 2004.

"Some emerging issues in early-life environmental exposures," Workshop on Childhood and the Environment, Spanish Network of Investigators on Child Health and the Environment (INMA), Granada, Spain, 2-4-05.

"An overview of DDT world policy," and "Review of human data on effects of DDT, and some new results," Symposium on Risks and Benefits of DDT use in Malaria Control, 17th Annual Conference of the International Society for Environmental Epidemiology, Johannesburg, South Africa, 9-15-05.

"Research needs and findings on DDT and health," A Perspective on International Environmental Health Challenges, Workshop, University of Pretoria, Pretoria, South Africa, 9-21-05.

"Human studies of endocrine disruption in early life," plenary lecture, The 8th Annual Meeting of the Japan Society of Endocrine Disruptors Research, Tokyo, Japan, 9-28-05

"Epidemiological evaluation of DDT as a hormonally active agent," Endocrine Disruption, Session, 88th Annual Meeting of the Endocrine Society, Boston, MA, 6-24-06.

"POPs and neurodevelopmental effects in humans: what is the evidence?," plenary lecture, Dioxin 2006: 26th International Symposium on Halogenated Persistent Organic Pollutants, Oslo, Norway, 8-24-06.

"New studies of anogenital distance in humans," Phthalate Esters and Reproductive Health Workshop, Gouvieux, France, 9-7-06.

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Invited presentations, cont.

"Birth cohort: Challenges and opportunities for environmental health research," Annual Research Day of the Environmental Health Research Network, Montreal, Canada, 11-20-06.

"Translating toxicology into epidemiology," Monthly Seminar, Environmental and Occupational Toxicology Division, Safe Environments Program, Health Canada, Ottawa, Ontario, 2-7-07

"Selection of endocrine-responsive anthropometric measures in infants," International Workshop on Assessing Endocrine-Related Endpoints within the First Year of Life, Ottawa, Ontario, Canada, 4-30-07

"In utero exposure to DDT compounds and performance on Bayley Scales and IQ tests in the Collaborative Perinatal Project," Symposium on In Utero Exposure to DDT and DDE in Relation to Child Neurodevelopment, International Society for Environmental Epidemiology (ISEE), 19th Conference, Mexico City, 9-8-07.

"Epidemiology study designs and bias in epidemiologic research," Continuing Education, Epidemiology for Toxicologists: Introduction, Society of Toxicology 47th Annual Meeting, Seattle, WA 3-16-08.

"NIEHS Research Collaborations with European Birth Cohorts," Birth Cohorts Meeting, University of Bristol, Bristol, England, 4-22-08.

PRESENTATIONS

"Estimation of selenium intake from Se in serum, whole blood, toenails, or urine," Federation of American Societies for Experimental Biology, Minisymposium, Nutritional Epidemiology II, Atlanta, GA, 4-22-91.

"Risk of breast cancer in relation to past and recent alcohol consumption," Society for Epidemiologic Research, Contributed Paper Session VI, Diet and Breast Cancer, Minneapolis, MN, 6-12-92.

"Risk of breast cancer in relation to lifetime alcohol consumption: results from Los Angeles," Society for Epidemiologic Research, Contributed Paper Session (Breast Cancer), Snowbird, UT, 6-23-95.

"Strenuous physical activity in young adulthood and risk of breast cancer," Society for Epidemiologic Research, Contributed Paper Session (Breast Cancer), Snowbird, UT, 6-23-95.

"Risk factors for in situ breast cancer in Los Angeles County," Society for Epidemiologic Research, Contributed Paper Session (Breast Cancer), Boston, MA, 6-13-96.

"Intake of foods and supplements rich in β -carotene and vitamin A in relation to risk of breast cancer," Society for Epidemiologic Research, Contributed Paper Session (Breast Cancer), Edmonton, Alberta, Canada, 6-12-97.

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Presentations, cont.

"In utero exposure to background levels of polychlorinated biphenyls and cognitive functioning among school-aged children," Society for Epidemiologic Research, Spotlight Session (Persistent Organic Pollutants), Seattle, Washington, 6-15-00. (Presented paper for K. Gray [my postdoc].)

"Maternal serum level of DDE and risk of cryptorchidism, hypospadias, and polythelia among male offspring," Society for Epidemiologic Research, contributed paper session (Persistent Organic Pollutants), Toronto, Ontario, Canada, 6-16-01.

MEMBERSHIPS

Member, Society for Epidemiologic Research, 1987-
Fellow, American College of Epidemiology, 2000-2005

SERVICE TO GOVERNMENT, INTERNATIONAL, AND PRIVATE AGENCIES

National Research Council: Member, Subcommittee on Public Health to the Committee on Irrigation-Induced Water Quality Problems, Water Science and Technology Board, 1986-1990

American Institute for Cancer Research: study section, 1995-1999. This Washington, D.C.-based private institute focuses on diet-cancer research and awards up to \$150,000 per grant.

World Health Organization: expert at meeting on non-dioxin-like PCBs. This 12-person committee provides scientific guidance on setting exposure limits to non-dioxin-like PCBs. First meeting was in Berlin, Sept. 3-4, 2001; second meeting June, 2002 (invited to latter but couldn't attend).

United States Environmental Protection Agency, Office of Research and Development, National Center for Environmental Research, Washington, DC: Member, Peer Review Panel, Children's Vulnerability to Toxic Substances in the Environment, 2002.

National Institute on Alcohol Abuse and Alcoholism: Member, expert review panel, Health Risk and Potential Benefits of Moderate Alcohol Consumption. Rockville, MD, 11-21-03.

United States Environmental Protection Agency, Science Advisory Board, Washington, DC: Member, Perfluorooctanoic Acid (PFOA) Risk Assessment Review Panel, 2005-2006.

National Institute of Environmental Health Sciences: Member, Institutional Review Board, 2006-

World Health Organization-National Institutes of Health Common Core Protocol: International Core Study Protocol for a Longitudinal Survey of the Environmental and its Effects on Childhood, Member of Review Committee, Wellcome Trust, London, England, 11-29 and 30th, 2007.

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COURSES TAUGHT (1989-1995 at UCLA)

Nutritional Epidemiology,
UCLA School of Public Health, 1990-1995

Epidemiology of Cardiovascular Disease,
UCLA School of Public Health, 1990, 1992

Physiology of Nutrition,
UCLA School of Medicine, 1991

Advanced Seminar: Epidemiology,
UCLA School of Public Health, 1992

Meta-analysis in Epidemiology,
UCLA School of Public Health, 1993-1995

Epidemiology of Chronic Disease
UCLA School of Public Health, 1994

DOCTORAL ADVISEES (1989-1995 at UCLA)

Miao-Jung Chen, Ph.D. (doctorate in epidemiology conferred in 1999)
Joseph G. Courtney, Ph.D. (doctorate in epidemiology conferred in 1998)
Shelley M. Enger, Ph.D. (doctorate in epidemiology conferred in 1995)
Mei-Hua Huang, Ph.D. (doctorate in epidemiology conferred in 2001)
Enrique Soto, M.D., M.P.H.
Hung-Fu Tseng, Ph.D. (doctorate in epidemiology conferred in 1997)

POSTDOCTORAL ADVISEES (all were at NIEHS)

Marilyn Tseng, Ph.D., 1997-1998
(Now an Assistant Member at the Fox Chase Cancer Center, Philadelphia;
her short stay [1 year] here was due to her husband's relocation.)
Kimberly Gray, Ph.D., 1998-2000
(Now a Neuroepidemiologist at the V.A. Hospital in Durham, NC)
Julie Daniels, Ph.D., 2000-2002
(Now a tenure-track Assistant Professor of Epidemiology, University of
North Carolina School of Public Health, Department of Epidemiology.)
Dionne Law, Ph.D, 2003-2006
(Now a tenure-track Assistant Professor of Epidemiology, Department of
Microbiology, Montana State University, Bozman.)
Nuria Ribas-Fito, MD, PhD, 2004 (6 months)
(Now a tenure-track Assistant Professor [Environmental Epidemiology] at
the Center for Research in Environmental Epidemiology, Barcelona, Spain)
Xibiao Ye, MD, PhD, 2007-
Lea Cupul, PhD, 2007-

Current positions. 03/2013 to present Post-Doc at the Faculty of Human Movement Sciences, VU University, Amsterdam, The Netherlands. Project: The walking brain; How our brain stabilizes our unstable locomotion. Past positions. 09/2011 to 02/2013 Post-doc at the Faculty of Movement and Rehabilitation Sciences, KU Leuven, Leuven, Belgium. Project: coupling between head, arm and leg movements during locomotion. 09/2010 to 09/2011 FWO visiting Post-doc at the Faculty of Movement and Rehabilitation Sciences, KU Leuven, Leuven, Belgium. Project: Age related compensatory neural processes during coord