

Jane A. Hoppin, ScD

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Education:

1995	ScD	Environmental Health and Epidemiology Harvard School of Public Health Boston, MA
1991	SM	Environmental Health Sciences Harvard School of Public Health Boston, MA
1985	BS	Environmental Toxicology University of California, Davis

Research and Professional Experience

2005-present	Staff Scientist. Epidemiology Branch. National Institute of Environmental Health Sciences. Research Triangle Park, NC
1999-2005	Research Fellow. Epidemiology Branch. National Institute of Environmental Health Sciences. Research Triangle Park, NC
1999-present	Adjunct Assistant Professor. Department of Epidemiology. University of North Carolina, Chapel Hill.
1996-1999	Research Assistant Professor. Department of Environmental and Occupational Health, Rollins School of Public Health, Emory University. Atlanta, GA.
1995-1996	Research Fellow. Harvard School of Public Health. Boston, MA.
1988-1990	Associate. Clement International Corporation. San Francisco, CA. Preparation of risk assessments for Superfund sites and other hazardous waste sites.
1985-1987	Regional Team Member. Ecology and Environment, Inc. San Francisco, CA. EPA's Technical Assistance Team providing technical expertise and sampling for hazardous material incidents.

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Teaching Experience

Guest Lecturer, University of North Carolina, Chapel Hill. Environmental Epidemiology. November 2005. Primary Instructor: JC Chen, MD, ScD

Guest Lecturer, University of North Carolina, Chapel Hill. "Respiratory Health of Farmers: Evaluating Exposures in the Agricultural Health Study. EPID 276 Occupational Epidemiology. Spring 2003. Primary Instructor: Dana Loomis, PhD

Instructor, Emory University, Rollins School of Public Health, Methods in Occupational and Environmental Epidemiology, Fall 1998. Co-Instructor, Fall 1997.

Guest Lecturer, Emory University, Rollins School of Public Health, Environmental and Occupational Epidemiology, 1997. Topic: Occupational Cohort Studies. Primary Instructor: Mary White, ScD

Guest Lecturer, University of Georgia, Solid and Hazardous Waste Class, 1996. Topic: Health Effect Evaluation of Hazardous Waste Sites. Primary Instructor: David L. MacIntosh, ScD

Teaching Assistant, Harvard School of Public Health, Department of Epidemiology. Principles of Epidemiology, Fall 1993, 1994, 1995, Summer 1995. Primary Instructors: Marlene Goldman, ScD and Sherri Stuver, ScD

Teaching Assistant, Harvard School of Public Health, Department of Environmental Health. Environmental and Occupational Epidemiology, Spring 1993, 1994. Primary Instructors: Douglas Dockery, ScD and Lucas Neas, ScD

Teaching Assistant, Harvard School of Public Health, Department of Environmental Health. Introduction to Environmental Health, Spring 1994. Primary Instructor: Gareth Green, MD

Mentoring

Co-Thesis advisor (with Paige Tolbert) for 2 MPH (Epidemiology) students (Maria Mirabelli, Matt Garabedian). Topics: Chlorophenol exposure and nasal and nasopharyngeal cancer and Occupational risk factors for non-Hodgkin's lymphoma. September 1997 to August 1998.

Summers of Discovery Students, 2002: Neepa Ray and Amitpal Singh. 2004; Chris Trent.

Post-doctoral advisor to Ellen Kirrane, 2003-4

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Mentor to Martin Valcin, ASPH fellow, 2005-date.

Professional Activities:

Advisory Board Member, North Carolina Occupational Safety and Health Education Resource Center, UNC, March 2002 – date.

Councilor, International Society for Exposure Analysis, July 2001 – 2004.

Member of the Society for Epidemiologic Research, International Society of Environmental Epidemiology, and International Society for Exposure Analysis.

Editorships

Editorial Board Member, Journal of Occupational Medicine and Toxicology, November 2004 – date

Associate Editor, American Journal of Epidemiology. Aug 2000 – date

Reviewer for American Journal of Epidemiology, Environmental Health Perspectives, Environmental Research, Epidemiology, Journal of Air and Waste Management, Journal of Agricultural Safety and Health, Journal of Exposure Analysis and Environmental Epidemiology, Lancet, Occupational and Environmental Medicine, Salud Publica, and Thorax.

Committees and Workshops

Symposium Chair, Nuts and Bolts of Epidemiology. Congress of Epidemiology. Toronto, June 2001

Organizing Committee Member and Invited Participant for “The Role of Human Exposure Assessment in the Prevention of Environmental Disease.” Rockville, MD. Sept 1999.

Invited Participant “Epidemiology in the 21st Century.” Raleigh, NC. Nov 1999.

Organizing Committee Member and Invited Participant for “NIEHS Phthalate Workshop” RTP, NC March 2003

American Thoracic Society 2004 Symposium Organizer (with Joel Kline, Univ of IA). Agricultural Exposures and Airway Inflammation: A Neglected Occupational Target. Orlando, FL May 2004

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Invited Chair. Collegium Ramazzini meeting. Framing the Future in light of the past: Living in a Chemical World; Bologna, Italy September 2005.

Invited Presentations

Invited Speaker "Assessing Human Exposure to Phthalates: Implications for Epidemiology Studies" presented at "Gender Differences in Reproductive Biology and Toxicology." Tucson, AZ. Nov 2000.

Invited Speaker. Norwegian Institute of Public Health and Norwegian Institute for Occupational Safety and Health. "Assessing Human Exposure to Phthalates: Implications for Epidemiology Studies." Oslo, Norway. September 2001

Invited Speaker (with Kathie Hartman). University of North Carolina Chapel Hill "Assessing Human Exposure to Phthalates: Characterizing Exposure in a Sensitive Subpopulation, Pregnant Women" Chapel Hill, NC December 2001

Invited Speaker. Wake Forest University. "Predictors of Wheeze among Farmers in the Agricultural Health Study" Winston-Salem, NC. May 2002

Invited Speaker. Emory University, Rollins School of Public Health. "Assessing Human Exposure to Phthalates: Implications for Epidemiology Studies." Atlanta, GA. June 2002

Invited Discussant for "International Symposium on Agricultural Exposures and Cancer" , Green College, Oxford, England, November 2002

Invited Speaker, Epidemiology seminar series. University of South Carolina, Arnold School of Public Health. "Respiratory Health of Farmers: Evaluating Exposures in the Agricultural Health Study" Columbia, SC. April 2004.

Invited Speaker, Environmental Health Sciences speaker series. University of Georgia. "Respiratory Health of Farmers: Evaluating Exposures in the Agricultural Health Study" Athens, GA. April 2004.

Invited Speaker, 2004 Annual Meeting of the Southern Region Pesticide Safety Education Program. "Agricultural Health Study in North Carolina: Results to date." Asheville, NC June 2004

Invited Speaker, Phthalate Esters and Reproductive Health Workshop. European Council for Plasticisers and Intermediates and the American Chemistry Council. "Phthalates and Human Health Effects: Epidemiology Overview." Mello, France September 2004.

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Invited Speaker. University of North Carolina, Greensboro Biology Department Seminar Series. "Investigation of the Respiratory Health of Farmers and Their Families in the Agricultural Health Study." Greensboro, NC November 2004.

Invited Speaker. The Institute of Medicine's Roundtable on Environmental Health Sciences, Research, and Medicine. Rebuilding the Unity of Health and the Environment in Rural America. "Investigation of Environmental Exposures and Chronic Disease in Rural Communities: The Agricultural Health Study" University of Iowa, Iowa City, IA. November 29-30, 2004

Invited Speaker. "Pesticide Exposure and Respiratory Outcomes in the Agricultural Health Study" NIOSH, Morgantown, WV. August 2005.

Invited Speaker. Pesticide Exposure and Adult Respiratory Outcomes Collegium Ramazzini meeting. Framing the Future in light of the past: Living in a Chemical World; Bologna, Italy September 2005.

Invited Speaker. University of Arizona, Respiratory Studies Group. Tucson, AZ. Pesticide Exposure and Respiratory Outcomes in the Agricultural Health Study Nov. 2005.

Invited Speaker. University of Medicine and Dentistry of New Jersey, Piscataway, NJ. "Assessing Human Exposure to Phthalates: Implications for Epidemiology Studies" March 2006

Grant Reviews

Grant Reviewer for American Chemistry Council's RFP "Understanding Exposure to Volatile Air Toxics." Jan 2003

Grant Reviewer for NIOSH's intramural projects in support of the National Occupational Research Agenda. March 2002

Pilot project reviewer for Harvard School of Public Health NIEHS Center Grant. July 2003.

Reviewer for Cooperative Grants Program of the U.S. Civilian Research and Development Foundation (CRDF). April 2004.

Member NIOSH Agriculture Center Program grant review panel, June 2004, May 2006.

Honors and Awards:

Jane A. Hoppin, ScD

Outstanding Abstract by a New Investigator Award. Awarded at the International Society of Environmental Epidemiology meeting in Boston, MA. August 1998.

BIBLIOGRAPHY

Peer-reviewed journals

1. Hauser R, Elreedy S, **Hoppin JA**, Christiani DC. Airway obstruction in boilermakers exposed to fuel oil ash: a prospective investigation. *Am J Resp Crit Care Med*. 1995;152:1478-84.
2. Hauser R, Elreedy S, **Hoppin JA**, Christiani DC. Upper airway response in workers exposed to fuel oil ash: nasal lavage analysis. *Occup Environ Med* 1995;52:353-358.
3. **Hoppin JA**, Aro ACA, Williams PL, Ryan PB, Hu H. Validation of K-XRF bone lead measurement in young adults. *Environ Health Perspect* 1995; 103:78-83.
4. **Hoppin JA**, Elreedy S, Ryan PB. Validation of a self-administered lead exposure questionnaire among suburban teenagers. *Environ Res* 1997;74:1-10.
5. **Hoppin JA**, Aro ACA, Ryan PB, Hu H. *In Vivo* bone lead measurement in suburban teenagers. *Pediatrics* 1997;100:365-70.
6. **Hoppin JA**, Tolbert PE, Herrick RF, Freedman DS, Ragsdale BD, Horvat KR, Brann EA. Occupational chlorophenol exposure and soft tissue sarcoma risk among men aged 30 to 60 years. *Am J Epidemiol* 1998; 148:693-703.
7. **Hoppin JA**, Tolbert PE, Flagg EW, Blair A, Zahm SH. Use of a life events calendar approach to elicit occupational history from farmers. *Am J Ind Med* 1998;34:470-6.
8. Blanck HM, Tolbert PE, **Hoppin JA**. Patterns of genetic alterations in pancreatic cancer: A pooled analysis. *Environmental and Molecular Mutagenesis* 1999;33:111-22.
9. Garabedian MJ, **Hoppin JA**, Tolbert PE, Herrick RF, Brann EA. Occupational Chlorophenol exposure and non-Hodgkin's lymphoma. *J Occup Environ Med* 1999;41:267-272.
10. **Hoppin JA**, Tolbert PE, Flanders WD, Zhang H, Daniels DS, Ragsdale BD, Brann EA. Occupational risk factors for sarcoma subtypes. *Epidemiology* 1999;10:300-306.
11. **Hoppin JA**, Aro A, Hu H, and Ryan PB. Measurement variability associated with KXRF bone lead measurement in young adults. *Environ Health Perspect* 2000;108:239-242.

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12. **Hoppin JA**, Tolbert PE, Holly EA, Brock JW, Korrick SA, Altshul LM, Zhang RH, Bracci PM, Burse VW, Needham LL. Pancreatic cancer and serum organochlorine levels. *Cancer Epidemiology Biomarkers and Prevention*, 2000; 9:199-205.
13. Slebos RJC, **Hoppin JA**, Tolbert PE, Holly EA, Brock JW, Zhang RH, Bracci PM, Foley J, Stockton P, McGregor LM, Flake G, Taylor JA. K-ras and p53 in pancreatic cancer: Association with medical history, histopathology, and environmental exposures in a population-based study. *Cancer Epidemiology Biomarkers & Prevention*, 2000;9:1223-32.
14. Mirabelli MC, **Hoppin JA**, Tolbert PE, Herrick RF, Gnepp DR, Brann EA. Occupational exposure to chlorophenol and the risk of nasal and nasopharyngeal cancers among US men aged 30 to 60. *Am J Ind Med*. 2000;37:532-541.
15. **Hoppin JA**, Williams PL, Ryan PB. A conceptual framework for the interpretation of biological markers for exposure assessment. *Hum Ecol Risk Assess*. 2000;6:711-725
16. **Hoppin JA**, Guzman JD, Tolbert PE, Flagg EW. Agricultural Exposure History among African-American Farmers in Georgia. *J Toxicol Environ Health Part A*. 2001;63:237-41.
17. **Hoppin JA**, Tolbert PE, Taylor JA, Schroeder JC, Holly EA. Potential for selection bias with tumor tissue retrieval in molecular epidemiology studies. *Ann Epidemiol*, 2002; 12:1-6.
18. Dosemeci M, Alavanja MCR, Rowland AS, Mage D, Zahm SH, Rothman N, Lubin JH, **Hoppin JA**, Sandler DP, Blair A. A quantitative approach for estimating exposure to pesticides in the Agricultural Health Study. *Ann Occ Hyg* 2002; 46: 245-260.
19. **Hoppin JA**, Umbach DM, London SJ, Alavanja MCR, Sandler DP. Chemical Predictors of Wheeze among Farmer Pesticide Applicators in the Agricultural Health Study. *Am J Resp Crit Care Med*. 2002;165:683-9.
20. **Hoppin JA**, Brock JW, Davis BJ, Baird DD. Reproducibility Of Urinary Phthalate Metabolites In First Morning Urine Samples. *Environ Health Perspect*. 2002; 110:515-518.
21. Parks CG, Cooper GS, Nylander-French LA, Sanderson WT, Dement JM, Cohen PL, Dooley MA, Treadwell EL, St Clair W, Gilkeson GS, **Hoppin JA**, Savitz DA. Occupational exposure to crystalline silica and risk of systemic lupus erythematosus: a population-based case-control study in the Southeastern United States. *Arthritis Rheum* 2002; 46:1840-1850

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22. **Hoppin JA**, Yucel F, Dosemeci M, Sandler DP. Accuracy of self-reported pesticide use duration information from licensed pesticide applicators in the Agricultural Health Study. *J Expo Anal Environ Epidemiol*. 2002;12:313-8.
23. Coble J, **Hoppin JA**, Engel L, Elci OC, Dosemeci M, Lynch CF, Alavanja M. Prevalence of exposure to solvents, metals, grain dust and other hazards among farmers in the Agricultural Health Study. *J Expo Anal Environ Epidemiol*. 2002;12(6):418-26.
24. Alavanja MCR, Samanic C, Dosemeci M, Lubin J, Tarone R, Lynch CF, Knott C, Thomas K, **Hoppin JA**, Barker J, Coble J, Sandler DP, Blair A. Use of agricultural pesticides and prostate cancer risk in the Agricultural Health Study Cohort. *Am J Epidemiol*. 2003;157:800-814
25. **Hoppin JA**, Umbach DM, London SJ, Alavanja MCR, Sandler DP. Animal production and wheeze in the Agricultural Health Study: Impact of atopy, asthma, and smoking. *Occup Environ Med*. 2003;60:3e1-7.
26. Alavanja MCR, Sandler DP, Lynch C, Knott C, Lubin JH, Tarone R, Thomas K, Dosemeci M, Barker J, **Hoppin JA**, Blair A. Cancer incidence in the Agricultural Health Study. *Scand J Work Env Health* 2005;31: 39-45 Suppl. 1
27. Lee WJ, **Hoppin JA**, Blair A, Lubin JH, Dosemeci M, Sandler DP, Alavanja MCR. Cancer Incidence among Pesticide Applicators exposed to Alachlor in the Agricultural Health Study. *Am J Epidemiol* 2004;159:373-80.
28. White KE, **Hoppin JA**. Seed treatment and its implication for fungicide exposure assessment. *J Expo Anal Environ Epidemiol* 2004;14:195-203
29. Parks CG, Cooper GS, Nylander-French LA, **Hoppin JA**, Sanderson WT, Dement JM. Comparing methods to assess occupational silica exposure in a population-based case-control study of systemic lupus erythematosus. *Epidemiol* 2004; 15:433-441
30. Quandt SA, Arcury TA, Rao P, Mellen BG, Camann DE, Doran AM, Yau AY, **Hoppin JA**, Jackson DS. Agricultural and Residential Pesticides in Wipe Samples from Farmworker Family Residences in North Carolina. *Environ Health Perspect*. 2004;112: 382-387
31. Alavanja MCR, **Hoppin JA**, Kamel F. Health Effects of Chronic Pesticide Exposure: Cancer and Neurologic Disease. *Annual Review of Public Health*. 2004;25:155-97.
32. Flower KB, **Hoppin JA**, Lynch CF, Blair A, Knott C, Shore D, Sandler DP. Cancer Risk and Parental Pesticide Application In Children of Agricultural Health Study

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Participants. *Environ Health Perspect* 2004;112:631-5.

33. Quandt SA, Doran AM, Rao P, **Hoppin JA**, Snively BM, Arcury TA. Reporting Pesticide Assessment Results to Farmworker Families: Development, Implementation, and Evaluation of a Risk Communication Strategy. *Environ Health Perspect* 2004;112:382-7.

34. **Hoppin JA**, Ulmer R, London SJ. Phthalate exposure and pulmonary function. *Environ Health Perspect* 2004;112:571-4.

35. **Hoppin JA**, Umbach DM, London SJ, Alavanja MCR, Sandler DP. Diesel exhaust, solvents, and other occupational exposures as risk factors for wheeze among farmers. *Am J Resp Critical Care Med* 2004; 169:1308-1313.

36. Rusiecki JA, De Roos A, Lee WJ, Dosemeci M, Lubin JH, **Hoppin JA**, Blair A, Alavanja MCR. Cancer Incidence Among Pesticide Applicators Exposed to Atrazine in the Agricultural Health Study. *J Natl Cancer Inst.* 2004;96:1375-82

37. Kirrane EF, **Hoppin JA**, Umbach DM, Samanic C, Sandler DP. Patterns of pesticide use and their determinants among wives of farmer pesticide applicators in the Agricultural Health Study. *J Occup Environ Med*, 2004;46:856-65

38. Arcury TA, Quandt SA, Rao P, Doran AM, Snively BM, Barr DB, **Hoppin JA**, Davis SW Organophosphate Pesticide Exposure in Farmworker Family Members in Western North Carolina and Virginia: Case Comparisons. *Human Organization*. 2005;64:40-51

39. Kamel F, **Hoppin JA**. Association of Pesticide Exposure with Neurologic Dysfunction and Disease. *Environ Health Perspect* 2004;112:950-8.

40. Alavanja MCR, Dosemeci M, Samanic C, Lubin J, Lynch CF, Knott C, Barker J, **Hoppin JA**, Sandler DP, Coble J, Thomas K, Blair A. Pesticides and Lung Cancer Risk in the Agricultural Health Study Cohort. *Am J Epidemiol* 2004;160:876-85

41. Samanic C, **Hoppin JA**, Lubin J, Blair A, Alavanja MCR. Factor Analysis of Pesticide Use Patterns Among Pesticide Applicators in the Agricultural Health Study. *J Expo Anal Environ Epidemiol*. 2005;15:225-33.

42. Engel LS, Hill DA, **Hoppin JA**, Lubin JH, Lynch CF, Pierce J, Samanic C, Sandler DP, Blair A, Alavanja MCR. Pesticide use and breast cancer risk among farmers' wives in the Agricultural Health Study. *Am J Epidemiol* 2005;161:121-35

43. Blair A, Sandler DP, Tarone R, Lubin J, Thomas K, **Hoppin JA**, Samanic C, Coble J, Kamel F, Knott C, Dosemeci M, Zahm SH, Lynch CF, Rothman N, Alavanja MCR. Mortality among Participants in the Agricultural Health Study. *Ann Epidemiol*

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2005;15(4):279-285

44. De Roos AJ, Blair A, Rusiecki J, **Hoppin JA**, Svec M, Dosemeci M, Sandler DP, Alavanja MCR. Cancer Incidence Among Glyphosate-Exposed Pesticide Applicators in the Agricultural Health Study. *Environ Health Perspect* 2005;113:49-54
45. Lee WJ, Blair A, **Hoppin JA**, Lubin JH, Sandler DP, Dosemeci M, Alavanja MCR. Cancer Incidence among Pesticide Applicators Exposed to Chlorpyrifos in the Agricultural Health Study. *J Natl Cancer Inst.* 2004;96:1781-9
46. Bonner MR, Lee WJ, Sandler DP, **Hoppin JA**, Dosemeci M, Alavanja MCR. Occupational Exposure to Carbofuran and the Incidence of Cancer in the Agricultural Health Study. *Environ Health Perspect* 2005;113(3):285-289.
47. Kirrane EF, **Hoppin JA**, Kamel F, Umbach DM, Boyes WK, DeRoos A, Alavanja M, Sandler DP. Retinal Degeneration and other eye disorders in wives of farmer pesticide applicators enrolled in the Agricultural Health Study. *Am J Epidemiol* 2005;161:1020-1029.
48. Arbes SJ, Sever M, Vaughn B, Mehta J, Lynch JT, Mitchell H, **Hoppin JA**, Spencer HL, Sandler DP, Zeldin DC. Feasibility of using subject-collected dust samples in epidemiological and clinical studies of indoor allergens. *Environ Health Perspect* 2005;113:665-669.
49. Kamel F, Engel LS, Gladen BC, **Hoppin JA**, Alavanja MCR, Sandler DP. Neurologic Symptoms in Licensed Pesticide Applicators in the Agricultural Health Study (AHS). *Environmental Health Perspectives* 2005;113:877-882
50. **Hoppin JA**, Ulmer R, Calafat AM, Barr DB, Baker SV, Meltzer HM, Rønningen KS. Impact of urine preservation methods and duration of storage on measured levels of environmental contaminants. *J Expo Sci Env Epid* 2006;16: 39-48.
51. Beane Freeman LE, Bonner MR, Blair A, **Hoppin JA**, Sandler DP, Lubin JH, Dosemeci M, Lynch CF, Knott C, Alavanja MCR. Cancer Incidence among Pesticide Applicators Exposed to Diazinon in the Agricultural Health Study Cohort. *Am J Epidemiol*, 2005;162:1070-79.
52. **Hoppin JA**, Adgate JL, Eberhart M, Nishioka M, Ryan PB. Environmental Exposure Assessment of Pesticides in Farmworker Homes. *Environmental Health Perspectives*, 2006;114:929-35.
53. Rusiecki JA, Hou L, Lee WJ, Blair A, Dosemeci M, Lubin JH, Bonner M, Samanic C, **Hoppin JA**, Sandler DP, Alavanja MCR. Cancer Incidence Among Pesticide Applicators Exposed to Metolachlor in the Agricultural Health Study. *International Journal of Cancer*, 2006;118(12):3118-23.

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54. Farr SL, Cai J, Savitz DA, Sandler DP, **Hoppin JA**, Cooper GS. Pesticide exposure and timing of menopause: an analysis of the Agricultural Health Study. *Am J Epidemiol*. 2006;163:731-42.
55. Hou L, Lee WJ, Rusiecki J, **Hoppin JA**, Blair A, Bonner MR, Lubin JH, Samanic C, Sandler DP, Dosemeci M, Alavanja MCR. Cancer incidence, pendimethalin exposure among pesticide applicators: A report from the Agricultural Health Study. *Epidemiology in press*.
56. Arcury TA, Quandt SA, Barr DB, **Hoppin JA**, McCauley L, Grzywacz JG, Robson MG. Farmworker Exposure to Pesticides: Methodological Issues for the Collection of Comparable Data. *Environmental Health Perspectives*. 2006;114:923-8
57. **Hoppin JA**, Umbach DM, London SJ, Lynch CF, Alavanja MCR, Sandler DP. Pesticides associated with wheeze among commercial pesticide applicators in the Agricultural Health Study. *Am J Epidemiol*. 2006;163:1129-37
58. Sallmén M, Baird DD, **Hoppin JA**, Blair A, Sandler DP. Fertility and exposure to solvents among families in the Agricultural Health Study. *Occup Environ Med*. 2006 *Occup Environ Med* 2006;63:469–475.
59. Sallmen M, Sandler DP, **Hoppin JA**, Blair A, Baird DD. Evidence for Reduced Fertility among Overweight and Obese Men. *Epidemiology in press*
60. Mahajan R, Bonner MR, **Hoppin JA**, Alavanja MCR. Phorate exposure and incidence of cancer in the Agricultural Health Study. *Environmental Health Perspectives* 2006;114:1205-9
61. Beseler CL, Stallones L, **Hoppin JA**, Alavanja MC, Blair A, Keefe T, Kamel F. Depression and pesticide exposures in female spouses of licensed pesticide applicators in the Agricultural Health Study cohort. *J Occup Env Med, in press*.
62. Kamel F, Tanner CM, Umbach DM, **Hoppin JA**, Alavanja MCR, Blair A, Comyns K, Goldman SM, Korell M, Langston JW, Ross GW, Sandler DP. Pesticide Exposure and Self-Reported Parkinson's Disease in the Agricultural Health Study. *Am J Epidemiol, in press*.
63. Samanic C, Rusiecki J, Dosemeci M, Hou L, **Hoppin JA**, Sandler DP, Lubin J, Blair A, Alavanja M. Cancer Incidence among Applicators Exposed to Dicamba in the Agricultural Health Study. *Environ Health Perspect in press*

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64. Rønningen KS, Paltiel L, Meltzer HM, Nordhagen R, Lie KK, Hovengen R, Haugen M, Nystad W, Magnus P, **Hoppin JA**. The Biobank of the Norwegian Mother and Child Cohort Study – a resource for the next 100 years. *Eur J Epidemiol, in press*
65. Purdue M, **Hoppin JA**, Blair A, Dosemeci M, Alavanja MCR. Occupational exposure to organochlorine insecticides and cancer incidence in the Agricultural Health Study. *International J Cancer, in press*.
66. Kamel F, Engel LS, Gladen BC, **Hoppin JA**, Alavanja MCR, Sandler DP. Neurologic Symptoms in Licensed Pesticide Applicators in the Agricultural Health Study. *Human & Experimental Toxicology, in press*.
67. Lynch SM, Rusiecki JA, Blair A, Dosemeci M, Lubin J, Sandler D, **Hoppin JA**, Lynch C, Alavanja MCR. Cancer Incidence Among Pesticide Applicators Exposed to Cyanazine in the Agricultural Health Study. *Environ Health Perspect.* 2006; 114:1248-1252.
68. Mahajan R, Blair A, Lynch CF, Schroeder P, **Hoppin JA**, Sandler DP, Alavanja MCR. Fonofos Exposure and Incidence of Cancer in the Agricultural Health Study. *Environ Health Perspect, in press*

Submissions

Bonner MR, Coble J, Blair A, Beane Freeman LE, **Hoppin JA**, Sandler DP, Alavanja MCR. Malathion Exposure and the Incidence of Cancer in Agricultural Health Study. Submitted to *American Journal of Epidemiology*

Hoppin JA, Umbach DM, Henneberger PK, Kullman GJ, London SJ, Alavanja MCR, Sandler DP. Agricultural factors associated with Farmers Lung among Farm Residents in the Agricultural Health Study, submitted to *OEM*

MacLehose RF, Dunson DB, Herring AH, **Hoppin JA**. Bayesian Methods for Highly Correlated Exposure Data. Submitted to *Epidemiology*

Valcin M, Henneberger PK, Kullman GJ, Umbach DM, London SJ, Alavanja MCR, Sandler DP, **Hoppin JA**. Chronic Bronchitis Among Non-Smoking Farm Women in the Agricultural Health Study. Submitted to *European Respiratory Journal*

Flower KB, **Hoppin JA**, Shore DL, Lynch CF, Blair A, Knott C, Shore D, Alavanja MCR, Sandler DP. Causes of Mortality and Risk Factors for Injury Mortality among Children in the Agricultural Health Study. Submitted to the *J Agromedicine*

Invited Commentaries

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Hoppin JA. Male reproductive effects of phthalates: An emerging picture. *Epidemiology*, 2003,14:259-60

Hoppin JA. Do pesticides contribute to respiratory symptoms and disease? Invited expert commentary for Sociedad Iberoamericana de Información Científica (SIIC). Buenos Aires, Argentina. In Spanish as “Los pesticidas favorecen la enfermedad y los síntomas respiratorios” <http://www.siicsalud.com/dato/dat034/03n24001.htm>. November 2003.

Conference Proceedings

1. Quandt SA, Arcury TA, Mellen BG, Rao P, Camann DE, Doran AM, Yau A, **Hoppin J**, Jackson DS. Pesticides in Wipes from Farmworker Residences in North Carolina. In: *Proceedings of Indoor Air 2002*, H. Levin, ed., Santa Cruz, CA, 2002, Vol. 4, pp 900-905.
2. **Hoppin JA.** Integrating Exposure Measurements into Agricultural Epidemiology Studies. *Scand J Work Env Health*. 2005; 31: 115-117 Suppl. 1. International Symposium on Agricultural Exposures and Cancer”, Green College, Oxford, England, November 2002
3. Blair A, Sandler D, Thomas K, **Hoppin JA**, Kamel F, Coble J, Lee WJ, Rusiecki J, Knott C, Dosemeci M, Lynch CF, Lubin J, Alavanja M. Disease and Injury among Participants in the Agricultural Health Study. Presented at the Future of Rural Peoples Conference: Rural Economy, Healthy People, Environment, Rural Communities. Fifth International Symposium, Saskatoon, Saskatchewan, October 19-23, 2003. *Journal of Agricultural Safety and Health*, *in press* (2004).
4. Selgrade MJK, Lemanske RF, Gilmour MI, Neas LM, Ward MDW, Henneberger PK, Weissman DN, **Hoppin JA**, Dietert RR, Sly PD, Geller AM, Enright PL, Backus GS, Bromberg PA, Germolec DR, Yeatts KB. Induction of Asthma and the Environment: What We Know and Need to Know. *Environmental Health Perspectives*, 2006;114:615-9

Books and Monographs

Hoppin JA, Ryan PB, Graham JD. Risk Assessment in the Federal Government: Questions and Answers. Harvard Center for Risk Analysis, Harvard School of Public Health. Boston, MA. 1993.

Hoppin JA. Biological markers as exposure assessment tools. Chapter in: *Environmental Health Criteria on Human Exposure Assessment*, WHO, Office of Global and Integrated Environmental Health, Geneva. 2000.

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Letters

1. **Hoppin JA**, Ryan PB, Hu H, Aro ACA. Bone lead levels and delinquent behavior [letter, comment]. *J Am Med Assoc* 1996;275:1727.
2. **Hoppin JA**, Flagg EW, Eley JW, Tolbert PE. Letter to the Editor in response to "The validity of male patients self reports regarding prostate cancer screening by Jordan, et al, 1999" *Preventive Medicine*, 2000;30:78.
3. Lee WJ, **Hoppin JA**, Blair A, Lubin JA, Dosemeci M, Sandler DP, Alavanja MCR. Response to: "Cancer Incidence among Pesticide Applicators exposed to Alachlor in the Agricultural Health Study." *Am J Epidemiol*. 2005;161:102-3.
4. De Roos AJ, Svec MA, Blair A, Rusiecki JA, Dosemeci M, Alavanja MC, **Hoppin JA**, Sandler DP. Glyphosate results revisited: De Roos et al. respond. *Environmental Health Perspectives* 2005;113(6):A366-A367.
5. Kamel F, Engel LS, Gladen BC, **Hoppin JA**, Alavanja MCR, Sandler DP. Response to Burns and Goldstein, letter to the Editor: Pesticides and Neurologic Symptoms. *Environmental Health Perspectives*

Abstracts

- Hoppin JA**, Aro ACA, Williams PL, Ryan PB, Hu H. Validation of bone lead measurement in adolescents. Presented at the ISEE/ISEA conference in Research Triangle Park, NC. September 1994.
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