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EDUCATION

Doctor of Philosophy (Epidemiology) University of North Carolina at Chapel Hill <i>Dissertation: Parental Occupational Exposures and Neuroblastoma in Offspring</i>	2000
Master of Public Health (Biostatistics and Epidemiology) University of California at Berkeley	1995
Bachelor of Arts (Geography/Ecosystems) University of California at Los Angeles	1990

ACADEMIC AND RESEARCH APPOINTMENTS

Drexel University Dornsife School of Public Health, Philadelphia, PA Associate Professor, Department of Environmental and Occupational Health (Tenure granted, 2016)	2013-present
Fred Hutchinson Cancer Research Center, Seattle, WA Associate Member, Public Health Sciences Division Assistant Member	2008-2012 2003-2008
University of Washington School of Public Health, Seattle, WA Associate Professor, Department of Epidemiology Assistant Professor	2009-2012 2003-2009
National Cancer Institute, Division of Cancer Epidemiology and Genetics, Rockville, MD Postdoctoral Fellow, Occupational and Environmental Epidemiology Branch	2000-2002
University of North Carolina School of Public Health, Chapel Hill, NC Research Assistant, Department of Epidemiology	1995-2000
AeroVironment, Inc., Monrovia, CA Environmental Scientist	1990-1993

OTHER AFFILIATIONS

Faculty Affiliate, Urban Health Collaborative
Drexel University Dornsife School of Public Health, Philadelphia, PA

2016-present

PUBLICATIONS

Articles Under Review

Schinasi LH, Kenyon C... **De Roos AJ**. Associations between high ambient temperatures and asthma exacerbations among children in Philadelphia, PA: A time series analysis. *Occup Environ Med*, submitted.

Wang SS, Vajdic CM, Linet MS, Slager SL, Voutsinas J, Nieters A, Casabonne D, Cerhan JR, Cozen W, Alarcón GS, Martínez-Maza O, Brown EE, Bracci PM, Turner J, Hjalgrim H, Bhatti P, Zhang Y, Birmann BM, Flowers CR, Paltiel O, Becker N, Holly EA, Kane E, Weisenburger D, Maynadie M, Cocco P, Foretova L, Staines A, Davis S, Severson R, Breen EC, Lan Q, Brooks-Wilson A, **De Roos AJ**, Smith MT, Roman E, Boffetta P, Krickler A, Zheng T, Skibola C, Clavel J, Monnereau A, Cox DG, Ghesquière H, Salles G, Chanock SF, Rothman N, Benavente Y, Hartge P, Smedby KE. B-cell non-Hodgkin lymphoma (NHL) subtype risk associated with autoimmune conditions and polygenic risk scores (PRS). *Cancer Epidemiol Biomarkers Prev*, submitted.

Research Articles (*denotes mentored trainee)

1. **De Roos AJ**, Schinasi LH, Miligi L, Cerhan JR, Bhatti P, 't Mannetje A, Baris D, Benavente Y, Benke G, Clavel J, Casabonne D, Fritschi L, Hofmann JN, Huynh T, Monnereau A, Piro S, Slager SL, Vajdic CM, Wang SS, Zhang Y, Bernstein L, Cocco P. Occupational Insecticide Exposure and Risk of Non-Hodgkin Lymphoma: A Pooled Case-Control Study from the InterLymph Consortium. *Int J Cancer*, in press.
2. Lewis A, McKeon TP, **De Roos AJ**, Ravel J, Elovitz MA, Burris HH. Associations of public water system trihalomethane exposure during pregnancy with spontaneous preterm birth and the cervicovaginal microbial-immune state. *Environ Res*. 2021 Aug;199:111288. doi: 10.1016/j.envres.2021.111288. Epub 2021 Jun 2. PMID: 33965388; PMCID: PMC8195861.
3. Huang W*, Schinasi LH, Kenyon CC, Moore K, Melly S, Hubbard RA, Zhao Y, Diez Roux AV, Forrest CB, Maltenfort M, **De Roos AJ**. Effects of ambient air pollution on childhood asthma exacerbation in the Philadelphia metropolitan Region, 2011-2014. *Environ Res*. 2021 Jun;197:110955. doi: 10.1016/j.envres.2021.110955. Epub 2021 Mar 4. PMID: 33676951.
4. Nriagu BN, Ako AA, Wang C, **De Roos AJ**, Wallace R, Allison MA, Seguin RA, Michael YL. Occupations Associated With Poor Cardiovascular Health in Women: The Women's Health Initiative Observational Study. *J Occup Environ Med*. 2021 May 1;63(5):387-394. doi: 10.1097/JOM.0000000000002135. PMID: 33928936.
5. **De Roos AJ**, Kenyon CC, Zhao Y, Moore K, Melly S, Hubbard RA, Henrickson SE, Forrest CB, Diez Roux AV, Maltenfort M, Schinasi LH. Ambient daily pollen levels in association with asthma exacerbation among children in Philadelphia, Pennsylvania. *Environ Int*. 2020 Dec;145:106138. doi: 10.1016/j.envint.2020.106138. Epub 2020 Sep 19. PMID: 32961469.
6. Schinasi LH, Kenyon CC, Moore K, Melly S, Zhao Y, Hubbard R, Maltenfort M, Diez Roux AV, Forrest CB, **De Roos AJ**. Heavy precipitation and asthma exacerbation risk among children: A case-crossover study using electronic health records linked with geospatial data. *Environ Res*. 2020 Sep;188:109714. doi: 10.1016/j.envres.2020.109714. Epub 2020 Jun 4. PMID: 32559685.
7. **De Roos AJ**, Kondo MC, Robinson LF, Rai A, Ryan M, Haas CN, Lojo J, Fagliano JA. Heavy precipitation, drinking water source, and acute gastrointestinal illness in Philadelphia, 2015-2017. *PLoS One*. 2020 Feb 24;15(2):e0229258. doi: 10.1371/journal.pone.0229258. PMID: 32092111; PMCID: PMC7039462.
8. Kenyon CC, Maltenfort MG, Hubbard RA, Schinasi LH, **De Roos AJ**, Henrickson SE, Bryant-Stephens TC, Forrest CB. Variability in Diagnosed Asthma in Young Children in a Large Pediatric Primary Care Network. *Acad Pediatr*. 2020 Sep-Oct;20(7):958-966. doi: 10.1016/j.acap.2020.02.003. Epub 2020 Feb 7. PMID: 32044466.

9. Schinasi LH, Bloch JR, Melly S, Zhao Y, Moore K, **De Roos AJ**. High Ambient Temperature and Infant Mortality in Philadelphia, Pennsylvania: A Case-Crossover Study. *Am J Public Health*. 2020 Feb;110(2):189-195. doi: 10.2105/AJPH.2019.305442. Epub 2019 Dec 19. PMID: 31855483; PMCID: PMC6951370.
10. Schinasi LH, Quick H, Clougherty JE, **De Roos AJ**. Greenspace and Infant Mortality in Philadelphia, PA. *J Urban Health*. 2019 Jun;96(3):497-506. doi: 10.1007/s11524-018-00335-z. PMID: 30993542; PMCID: PMC6565793.
11. Kondo MC, **De Roos AJ**, White LS, Heilman WE, Mockrin MH, Gross-Davis CA, Burstyn I. Meta-Analysis of Heterogeneity in the Effects of Wildfire Smoke Exposure on Respiratory Health in North America. *Int J Environ Res Public Health*. 2019 Mar 18;16(6):960. doi: 10.3390/ijerph16060960. PMID: 30889810; PMCID: PMC6466235.
12. Palumbo AJ, Cannuscio C, **De Roos AJ**, Robinson L, Mossey J, Wallace R, Garcia L, Shadyab AH, Sealy-Jefferson S, Michael Y. Women's Occupational Patterns and Later Life Physical Functioning. *J Aging Health*. 2020 Jun/Jul;32(5-6):410-421. doi: 10.1177/0898264319826797. Epub 2019 Jan 30. PMID: 30698490.
13. Gowda SN, **DeRoos AJ**, Hunt RP, Gassett AJ, Mirabelli MC, Bird CE, Margolis HG, Lane D, Bonner MR, Anderson G, Whitsel EA. Ambient air pollution and lung cancer risk among never-smokers in the Women's Health Initiative. *Environmental Epidemiology*. 2019 Dec 1;3(6):e076.
14. Wang C, **De Roos AJ**, Fujishiro K, Allison MA, Wallace R, Seguin RA, Nassir R, Michael YL. Occupational Physical Activity and Coronary Heart Disease in Women's Health Initiative Observational Study. *J Gerontol A Biol Sci Med Sci*. 2019 Nov 13;74(12):1952-1958. doi: 10.1093/gerona/gly288. PMID: 30590438; PMCID: PMC6853693.
15. **De Roos AJ**, Spinelli J, Brown EB, Atanackovic D, Baris D, Bernstein L, Bhatti P, Camp NJ, Chiu BC, Clavel J, Cozen W, De Sanjosé S, Dosman JA, Hofmann JN, McLaughlin JR, Miligi L, Monnereau A, Orsi L, Purdue MP, Schinasi LH, Tricot GJ, Wang SS, Zhang Y, Birmann BM, Cocco P. Pooled study of occupational exposure to aromatic hydrocarbon solvents and risk of multiple myeloma. *Occup Environ Med*. 2018 Nov;75(11):798-806. doi: 10.1136/oemed-2018-105154. Epub 2018 Aug 18. PMID: 30121582.
16. Rai A*, Gurian PL, Kondo MC, Zakeri I, Robinson L, **De Roos AJ**. An evaluation of changes in opinion from an expert workshop on turbidity in drinking water supplies and acute gastrointestinal illness. *Int J Environ Technol Management* 2018;21:37-63. doi: 10.1504/IJETM.2018.092560
17. Callahan CL, Stewart PA, Friesen MC, Locke S, **De Roos AJ**, Cerhan JR, Severson RK, Rothman N, Purdue MP. Case-control investigation of occupational exposure to chlorinated solvents and non-Hodgkin's lymphoma. *Occup Environ Med* 2018 Jun;75(6):415-420. doi: 10.1136/oemed-2017-104890. Epub 2018 Mar 27
18. Schinasi LH*, Benmarhnia T, **De Roos AJ**. Modification of the association between high ambient temperature and health by urban microclimate indicators: A systematic review and meta-analysis. *Environ Res* 2018 Feb;161:168-180. doi: 10.1016/j.envres.2017.11.004. Epub 2017 Nov 14
19. Andreotti G, Koutros S, Hofmann JN, Sandler DP, Lubin JH, Lynch CF, Lerro CC, **De Roos AJ**, Parks CG, Alavanja MC, Silverman DT, Beane Freeman LE. Glyphosate use and cancer incidence in the Agricultural Health Study. *J Natl Cancer Inst* 2018 May 1;110(5):509-516. doi: 10.1093/jnci/djx233
20. **De Roos AJ**, Gurian PL, Robinson LF, Rai A, Zakeri I, Kondo MC. Review of epidemiological studies of drinking water turbidity in relation to acute gastrointestinal illness. *Environ Health Perspect* 2017 Aug 17;125(8):086003. doi: 10.1289/EHP1090
21. Psoter KJ*, Rosenfeld M, **De Roos AJ**, Wakefield J, Mayer JD. Air pollution exposure is associated with MRSA acquisition in young U.S. children with cystic fibrosis. *BMC Pulm Med* 2017 Jul 27;17(1):106. doi: 10.1186/s12890-017-0449-8
22. Psoter KJ*, **De Roos AJ**, Wakefield J, Mayer JD, Rosenfeld M. Seasonality of acquisition of respiratory bacterial pathogens in young children with cystic fibrosis. *BMC Infect Dis* 2017 Jun 9;17(1):411. doi: 10.1186/s12879-017-2511-9
23. Masters Pedersen J, Budtz-Jørgensen E, **De Roos AJ**, Garcia L, Lund R, Rod NH, Kroenke C, Liu S, Michael Y. Understanding the relation between socioeconomic position and inflammation in post-menopausal women. *Eur J Public Health*, in press
24. Palumbo A, **De Roos AJ**, Cannuscio C, Robinson L, Mossey J, Weitlauf J, Garcia L, Wallace R, Michael Y. Work characteristics associated with physical functioning in women. *Int J Environ Res Public Health*. 2017 Apr 15;14(4). pii: E424. doi: 10.3390/ijerph14040424. (PMCID: PMC5409625)
25. Birmann BM, Andreotti G, **De Roos AJ**, Camp NJ, Chiu BCH, Spinelli JJ, Becker N, Benhaim-Luzon V, Bhatti P, Boffetta P, Brennan P, Brown EE, Costas L, Cozen W, de Sanjosé S, Foretová L, Giles GG, Maynadié M, Moysich K, Nieters A, Staines A, Tricot G, Weisenburger D, Zhang Y, Baris D, Purdue MP. Young adult and usual adult body mass index and multiple myeloma risk: a pooled analysis in the

- International Multiple Myeloma Consortium (IMMC). *Cancer Epidemiol Biomarkers Prev* 2017 Jun;26(6):876-885. doi: 10.1158/1055-9965.EPI-16-0762-T. Epub 2017 Feb 21
26. Deziel NC, Nuckols JR, Jones RR, Graubard BI, **De Roos AJ**, Pronk A, Gourley C, Colt JS, Ward MH. Comparison of industrial emissions and carpet dust concentrations of polychlorinated dibenzo-*p*-dioxins and polychlorinated dibenzofurans in a multi-center U.S. study. *Sci Total Environ* 2017 Feb 15;580:1276-1286. doi: 10.1016/j.scitotenv.2016.12.090. Epub 2016 Dec 22
 27. Bernatsky S, Velásquez Garcia HA, Spinelli JJ... **De Roos AJ** (31/101)...Zucca M, Clarke AE. Lupus-related single nucleotide polymorphisms and risk of diffuse large B-cell lymphoma. *Lupus Sci Med*. 2017 Nov 12;4(1):e000187. doi: 10.1136/lupus-2016-000187. eCollection 2017.
 28. Abulfaraj N*, Olson MS, Gurian PL, **De Roos A**, Gross-Davis CA. Statistical analysis of compliance violations for natural gas wells in Pennsylvania. *Energy Policy* 2016(97):421-428. Epub 2016 Aug 6
 29. Lerro CC, Beane Freeman LE, Portengen L, Kang D, Lee K, Blair A, Lynch CF, Bakke B, **De Roos AJ**, Vermeulen RCH. A longitudinal study of atrazine and 2,4-D exposure and oxidative stress markers among Iowa corn farmers. *Environ Mol Mutagen* 2017 Jan;58(1):30-38. doi: 10.1002/em.22069
 30. Rand KA, Song C, Dean E...**De Roos AJ** (84/102)...Haiman CA, Cozen W. A meta-analysis of multiple myeloma risk regions in African and European ancestry populations identifies putatively functional loci. *Cancer Epidemiol Biomarkers Prev* 2016 Dec;25(12):1609-1618. Epub 2016 Sep 1
 31. Edlefsen KL, Cherian S, **De Roos AJ**, Getaneh A, Lessin L, Li W, Wood BL, Reiner AP. Detection of non-CLL-like monoclonal B cell lymphocytosis increases dramatically in the extreme elderly, while detection of CLL-like populations varies by race: Findings in a multiethnic population-based cohort of elderly women. *Ann Hematol* 2016 Oct;95(10):1695-704. doi: 10.1007/s00277-016-2760-5. Epub 2016 Jul 29
 32. Schinasi LH*, Brown E, Wang S, **De Roos AJ**. Multiple myeloma and family history of lymphohematopoietic cancers: results from the International Multiple Myeloma Consortium. *Brit J Haematol* 2016 Oct;175(1):87-101. doi: 10.1111/bjh.14199. Epub 2016 Jun 22
 33. Parks CG, Hoppin JA, **De Roos AJ**, Costenbader KH, Alavanja MC, Sandler DP. Rheumatoid arthritis in Agricultural Health Study spouses: Associations with pesticides and other farm exposures. *Environ Health Perspect*, in press.
 34. Machiela MJ, Lan Q, Slager SL...**De Roos AJ** (22/120)...Chanock SJ, Rothman N. Genetically predicted longer telomere length is associated with increased risk of B-cell lymphoma subtypes. *Hum Mol Genet* 2016 Apr 15;25(8):1663-76. doi: 10.1093/hmg/ddw027. Epub 2016 Feb 9
 35. Berndt SI, Camp NJ, Skibola CF...**De Roos AJ** (78/126)...Rothman N, Slager SL. Meta-analysis of genome-wide association studies discovers multiple loci for chronic lymphocytic leukemia. *Nat Commun* 2016 Mar 9;7:10933. doi: 10.1038/ncomms10933
 36. Hofmann JN, Birmann BM, Teras LR, Pfeiffer RM, Wang Y, Albanes D, Baris D, Colditz GA, **De Roos AJ**, Giles GG, Hosgood HD, Lan Q, Landgren O, Liao LM, Rothman N, Weinstein SJ, Pollak MN, Neuhauser ML, Purdue MP. Low levels of circulating adiponectin are associated with multiple myeloma risk in overweight and obese individuals. *Cancer Res* 2016 Apr 1;76(7):1935-41. doi: 10.1158/0008-5472.CAN-15-2406. Epub 2016 Feb 26
 37. Jusko TA*, **De Roos AJ**, Lee SY, Thevenet-Morrison K, Schwartz SM, Verner M, Murínová L, Drobná B, Kočan A, Fabišíková A, Čonka A, Trnovec T, Hertz-Picciotto I, Lawrence BP. A birth cohort study of maternal and infant serum PCB-153 and DDE concentrations and responses to infant tuberculosis vaccination. *Environ Health Perspect Environ Health Perspect*. 2016 Jun;124(6):813-21. doi: 10.1289/ehp.1510101. Epub 2015 Dec 9
 38. DellaValle CT, Delziel NC, Colt JS, **De Roos AJ**, Cerhan JR, Cozen W, Severson RK, Jones RR, Flory AR, Morton LM, Ward MH. Polycyclic aromatic hydrocarbons: determinants of residential carpet dust levels and risk of non-Hodgkin lymphoma. *Cancer Causes Control* 2016 Jan;27(1):1-13. doi: 10.1007/s10552-015-0660-y. Epub 2015 Nov 16
 39. Costas L, Lambert B, Birmann BM, Moysich K, **De Roos AJ**, Hofmann JN, Baris D, Camp N, Wang SS, Brennan P, Cocco P, Nieters A, Becker N, Maynadié M, Foretová L, Boffetta P, Staines A, Brown EE, de Sanjose S. A pooled analysis of reproductive factors, exogenous hormone use and risk of multiple myeloma among women in the International Multiple Myeloma Consortium. *Cancer Epidemiol Biomarkers Prev* 2016 Jan;25(1):217-21. doi: 10.1158/1055-9965.EPI-15-0953. Epub 2015 Oct 13
 40. Psoter KJ*, **De Roos AJ**, Wakefield J, Mayer JD, Bryan M, Rosenfeld M. Association of meteorological and geographical factors and risk of initial *Pseudomonas aeruginosa* acquisition in young children with cystic fibrosis. *Epidemiol Infect* 2016 Apr;144(5):1075-83. doi: 10.1017/S0950268815002411. Epub 2015 Oct 9
 41. Schinasi LH*, **De Roos AJ**, Ray RM, Edlefsen KL, Parks CG, Howard BV, Meliker JR, Bonner MR, Wallace RB, LaCroix AZ. Insecticide exposure and farm history in relation to risk of lymphomas and leukemias in the

- Women's Health Initiative (WHI) observational study cohort. *Ann Epidemiol* 2015;25:803-810. doi: 10.1016/j.annepidem.2015.08.002. Epub 2015 Aug 19
42. 't Mannetje, **De Roos AJ**, Boffetta P, Cocco P, Benke G, Blair A, Chiu B, De Sanjose S, Hartge P, Holly E, Roman E, Costantini A, Spinelli J, Zheng T, Krickler A. Occupation and risk of non-Hodgkin lymphoma and subtypes: A pooled analysis from the InterLymph Consortium. *Environ Health Perspect* 2016 Apr;124(4):396-405. doi: 10.1289/ehp.1409294. Epub 2015 Sep 4
 43. Nordsborg RB, Sloan CD, Shahid H, Jacquez GM, **De Roos AJ**, Cerhan JR, Cozen W, Severson R, Ward MH, Morton L, Raaschou-Nielsen O, Meliker JR. Investigation of spatio-temporal cancer clusters using residential histories in a case-control study of non-Hodgkin lymphoma in the United States. *Environ Health* 2015;14:48. doi: 10.1186/s12940-015-0034-7
 44. Czarnota J, Gennings C, Colt JS, **De Roos AJ**, Cerhan JR, Severson RK, Hartge P, Ward MH, Wheeler DC. 2015. Analysis of environmental chemical mixtures and non-Hodgkin lymphoma risk in the NCI-SEER NHL study. *Environ Health Perspect* 2015 Oct;123(10):965-70. doi: 10.1289/ehp.1408630. Epub 2015 Mar 6
 45. DellaValle CT, Purdue MP, Ward MH, Locke SJ, Stewart PA, **De Roos AJ**, Hartge P, Rothman N, Friesen M. Validity of expert assigned retrospective estimates of occupational polychlorinated biphenyl exposure. *Ann Occup Hyg* 2015;59:609-15. doi: 10.1093/annhyg/mev001. Epub 2015 Mar 3
 46. Wang SS, Vajdic CM, Linet MS...**De Roos AJ** (36/47)...Ekstrom-Smedby KE. Non-Hodgkin lymphoma (NHL) risk associated with autoimmune conditions according to putative NHL loci. *Am J Epidemiol*. 2015;181:406-21. doi: 10.1093/aje/kwu290. Epub 2015 Feb 23
 47. Psoter KJ*, **De Roos AJ**, Mayer JD, Kaufman JD, Wakefield J, Rosenfeld M. Fine particulate matter exposure and initial *Pseudomonas aeruginosa* acquisition in cystic fibrosis. *Ann Am Thorac Soc* 2015;12:385-91. doi: 10.1513/AnnalsATS.201408-400OC
 48. Vijai J, Wang Z, Berndt S...**De Roos AJ** (64/102)...Rothman N, Nieters A. A genome-wide association study of marginal zone lymphoma shows association to the HLA region. *Nat Commun* 2015;6:5751. doi: 10.1038/ncomms6751
 49. Andreotti G, Birmann BM, Cozen W, **De Roos AJ**, Chiu BH, Costas L, de Sanjose S, Moysich K, Camp NJ, Spinelli JJ, Pahwa P, Dosman JA, McLaughlin JR, Boffetta P, Staines A, Weisenburger D, Benhaim-Luzon V, Brennan P, Seniori Costantini A, Miligi L, Campagna M, Nieters A, Becker N, Maynadie M, Foretova L, Zheng T, Tricot G, Milliken K, Krystan J, Steplowski E, Baris D, Purdue MP. A pooled analysis of smoking and risk of multiple myeloma from the International Multiple Myeloma Consortium. *Cancer Epidemiol Biomarkers Prev*. 2015;24:631-4. doi: 10.1158/1055-9965.EPI-14-1145. Epub 2014 Dec 23
 50. Skibola CF, Berndt SI, Vijai J...**De Roos AJ** (65/112)...Chanock SJ, Rothman N. Genome-wide association study identifies five susceptibility loci for follicular lymphoma outside the HLA region. *Am J Hum Genet* 2014;95:462-71. doi: 10.1016/j.ajhg.2014.09.004
 51. Cerhan J, Berndt SI, Vijai J...**De Roos AJ** (16/102)...Rothman N, Chanock SJ. Genome-wide association study identifies multiple susceptibility loci for diffuse large B-cell lymphoma. *Nature Genet* 2014;46:1233-8. doi: 10.1038/ng.3105. Epub 2014 Sep 28
 52. Upson K, Sathyanarayana S, **De Roos AJ**, Koch H, Scholes D, Holt VL. A population-based case-control study of urinary bisphenol A concentrations and risk of endometriosis. *Human Reprod* 2014;29:2457-64. doi: 10.1093/humrep/deu227. Epub 2014 Sep 9
 53. Morton LM, Slager SL, Cerhan JR...**De Roos AJ** (44/87)...Sampson JN. Etiologic heterogeneity among NHL subtypes: The InterLymph NHL Subtypes Project. *J Natl Cancer Inst* 2014(48):130-44. doi: 10.1093/jncimonographs/lgu013
 54. Linet MS, Vajdic CM, Morton LM, **De Roos AJ**, Skibola CF, Boffetta P, Cerhan JR, Flowers CR, de Sanjose S, Monnereau A, Cocco P, Kelly JL, Smith AG, Weisenburger DD, Clarke CA, Blair A, Bernstein L, Zheng T, Miligi L, Clavel J, Benavente Y, Chiu BCH. Medical history, lifestyle, family history, and occupational risk factors for follicular lymphoma: The InterLymph Non-Hodgkin Lymphoma Subtypes Project. *J Natl Cancer Inst Monogr* 2014;48:26-40. doi: 10.1093/jncimonographs/lgu006
 55. Morton LM, Sampson JN, Cerhan JR...**De Roos AJ** (34/43)...Slager SL. Rationale and design of the International Lymphoma Epidemiology Consortium (InterLymph) Non-Hodgkin Lymphoma Subtypes Project. *J Natl Cancer Inst Monogr* 2014;48:1-14. doi: 10.1093/jncimonographs/lgu005
 56. **De Roos AJ**, Koehoorn M, Tamburic L, Davies H, Brauer M. Proximity to traffic, ambient air pollution, and community noise in relation to rheumatoid arthritis. *Environ Health Perspect* 2014;122:1075-80. doi: 10.1289/ehp.1307413
 57. Psoter KJ*, Rosenfeld M, **De Roos AJ**, Mayer J, Wakefield J. Differential geographical risk of initial *Pseudomonas aeruginosa* acquisition in young U.S. children with cystic fibrosis. *Am J Epidemiol* 2014;179:1503-13. doi: 10.1093/aje/kwu077. Epub 2014 May 29

58. Parks CG, **De Roos AJ**. Pesticides, chemical and industrial exposures in relation to systemic lupus erythematosus. *Lupus* 2014;23:527-36. doi: 10.1177/0961203313511680
59. Hsu CW*, Yamamoto KT, Henry RK, **De Roos AJ**, Flynn JT. Prenatal risk factors for childhood chronic kidney disease in Washington State: A population-based case-control study. *J Am Soc Nephrol*. Epub 2014 Apr 17
60. Spector JT*, **De Roos AJ**, Ulrich CM, McTiernan A. Plasma polychlorinated biphenyl concentrations and immune function. *Environ Res* 2014;131:174-80. doi: 10.1016/j.envres.2014.03.011. Epub 2014 Apr 11
61. Locke SJ, Colt JS, Stewart PA, Armenti KR, Baris D, Blair A, Cerhan JR, Chow WH, Cozen H, Davis F, **De Roos AJ**, Hartge P, Karagas MR, Johnson A, Purdue MP, Rothman N, Schwartz K, Schwenn M, Severson R, Silverman DT, Friesen MC. Identifying gender differences in reported occupational information from three U.S. population-based case-control studies. *Occup Environ Med*. doi: 10.1136/oemed-2013-10180. Epub 2014 Mar 28
62. Edlefsen KL, Martínez-Maza O, LaCroix AZ, Madeleine MM, Magpantay L, Mirick DK, Kopecky KJ, **De Roos AJ**. Cytokines in serum in relation to future non-Hodgkin lymphoma risk: Evidence for associations by histologic subtype. *Int J Cancer* 2014. doi: 10.1002/ijc.28724. Epub 2014 Jan 13
63. McAteer JP, Hecht A, **De Roos AJ**, Goldin AB. Maternal medical and behavioral risk factors for congenital diaphragmatic hernia. *J Pediatr Surg* 2014;49:34-8. doi: 10.1016/j.jpedsurg.2013.09.025. Epub 2013 Oct 5
64. Upson K*, **De Roos AJ**, Thompson ML, Sathyanarayana S, Scholes D, Holt VL. Pesticides and risk of endometriosis: findings from the WREN study. *Environ Health Perspect* 2013;121:1319-24. doi: 10.1289/ehp.1306648. Epub 2013 Sep 17. (PMCID: PMC3855515)
65. Andreotti G, Birmann B, **De Roos AJ**, Spinelli J, Cozen W, Camp MJ, Moysich K, Chiu B, Steplowski E, Krzystan J, Boffetta P, Benhaim-Luzon V, Brennan P, De Sanjose S, Costas Caudet L, Costantini AS, Miligi L, Cocco P, Becker N, Foretova L, Maynadie M, Nieters A, Staines A, Tricot G, Milliken K, Weisenburger D, Baris D, Purdue MP. A pooled analysis of alcohol consumption and risk of multiple myeloma in the International Multiple Myeloma Consortium. *Cancer Epidemiol Biomarkers Prev* 2013;22:1620-7. doi: 10.1158/1055-9965.EPI-13-0334. Epub 2013 Aug 20. (PMCID: PMC3769449)
66. DellaValle CT, Wheeler DC, Deziel NC, **De Roos AJ**, Cerhan JR, Cozen W, Severson R, Flory AR, Colt JC, Hartge P, Ward MH. Determinants of polychlorinated biphenyl concentrations in residential carpet dust. *Environ Sci Technol* 2013;47:10405-14. doi: 10.1021/es401447w. Epub 2013 Aug 27
67. Shadman M, White E, **De Roos AJ**, Walter RB. Associations between allergies and risk of hematologic malignancies: results from the VITamins and Lifestyle (VITAL) cohort study. *Am J Hematol* 2013;88:1050-4. doi: 10.1002/ajh.23564
68. Upson K, Sathyanarayana S, **De Roos AJ**, Thompson ML, Scholes D, Dills R, Holt VL. Phthalates and risk of endometriosis. *Environ Research* 2013;126:91-7. doi: 10.1016/j.envres.2013.07.003. Epub 2013 Jul 25. (PMCID: PMC3905445)
69. **De Roos AJ**, Edlefsen K, Jerome K, LaCroix AZ, Mirick D, Kopecky K, Madeleine M, Magpantay L, Martínez-Maza O. Investigation of Epstein-Barr virus in association with B-cell non-Hodgkin lymphoma in a prospective cohort. *Cancer Epidemiol Biomarkers Prev* 2013;22:1747-55. doi: 10.1158/1055-9965.EPI-13-0240. Epub 2013 Jul 24
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154. **De Roos AJ**, Poole C, Teschke K, Olshan AF. An application of hierarchical regression in the investigation of multiple paternal occupational exposures and neuroblastoma in offspring. *Am J Ind Med* 2001;39(5):477-86.
155. **De Roos AJ**, Callahan LF. Differences by sex in correlates of work status in rheumatoid arthritis patients. *Arthritis Care Res* 1999;12(6):381-91.
156. Olshan AF, **De Roos AJ**, Teschke K, Neglia JP, Stram DO, Pollock BP, Castleberry RP. Neuroblastoma and parental occupation. *Cancer Causes Control* 1999;10(6):539-49.

Book Chapters

1. **De Roos AJ**. "Noise Pollution". *World Book Encyclopedia*. 2019.
2. **De Roos AJ** and Bhatti P. Hematolymphoid Malignancies. In: *Occupational Cancer*. Eds. Antilla S, Boffetta P, Straif K, Springer, London, UK, 2014.
3. **De Roos AJ**. Epidemiology and Etiology. In: *Myelodysplastic Syndromes*, 2nd edition. Ed. Deeg HJ, Bowen DT, Gore SD, Haferlach T, LeBeau MM, Niemeyer C. Springer, London, UK, 2013.
4. Hofmann JN, Keifer MC, Checkoway H, **De Roos AJ**, Farin FM, Fenske RA, Richter RJ, van Belle G, Furlong CE. Biomarkers of sensitivity and exposure in Washington State pesticide handlers. In: Reddy ST, ed., *Paraoxonases in Inflammation, Infection and Toxicology*. *Advances in Experimental Medicine and Biology*, 2010;660:19-27.
5. **De Roos AJ**, Baris D, Weiss N, Herrinton L. Multiple Myeloma. In: *Cancer Epidemiology and Prevention*, 3rd edition. Eds. Schottenfeld D, Fraumeni JF, Jr., Oxford University Press, Inc., New York, NY, 2006.
6. Checkoway H, Bhatti P, **De Roos AJ**. Epidemiologic Approaches. In: *Gene-Environment Interactions: Fundamentals of Ecogenetics*. Eds. Costa LG and Eaton DL, John Wiley & Sons, Hoboken, NJ, 2006.

7. **De Roos AJ**, Smith M, Chanock S, Rothman N. Toxicological considerations in the application and interpretation of susceptibility biomarkers in epidemiologic studies. IARC Sci Publ 2004;157:105-25.
8. **De Roos AJ**, Baris D, Weiss N, Herrinton L. Epidemiology of Multiple Myeloma. In: Multiple Myeloma, Eds. Malpas JS, Bergsagel DE, Kyle RA, Anderson DC, Elsevier, Inc., USA, 2004.

Letters and Commentary

1. Auchincloss A, Escoto K, **De Roos AJ**. Statement on the health effects of refineries and implications for the South Philadelphia refinery. Letter to the City of Philadelphia Refinery Advisory Group, 28 October 2019
2. Setty K, Bartram J, **De Roos AJ**, Beaudeau P. Letter to the editor regarding research paper, "Water safety plans and risk assessment: A novel procedure applied to treated water turbidity and gastrointestinal diseases. Int J Hygiene Environ Health. doi: 10.1016/j.ijheh.2019.113435
3. Burstyn I, **De Roos AJ**. Visualizing heterogeneity of effects in analysis of associations of multiple myeloma with glyphosate use. Comments on Sorahan, T. Multiple myeloma and glyphosate use: A re-analysis of US Agricultural Health Study (AHS) data. Int J Environ Res Public Health 2016 Dec 22;14(1). pii: E5. doi: 10.3390/ijerph14010005
4. Parks CG, Hoppin JA, **De Roos AJ**, Costenbader KH, Sandler DP. Heavy metals, farm exposures and risk of rheumatoid arthritis (RA): research opportunities and challenges. Environ Health Perspect 2016 Nov 1;124(11):A197
5. Portier CJ, Armstrong BK, Baguley BC...**De Roos AJ** (26/94)...Zeeb H, Zhou SF. Differences in the carcinogenic evaluation of glyphosate between the International Agency for Research on Cancer (IARC) and the European Food Safety Authority (EFSA) (Commentary). J Epidemiol Community Health 2016 Aug;70(8):741-5. doi: 10.1136/jech-2015-207005. Epub 2016 Mar 3
6. **De Roos AJ**, Blair A, Rusiecki JA, Hoppin JA, Svec MA, Dosemeci M, Sandler DP, Alavanja MC. Glyphosate results revisited: De Roos et al. respond (Letter). Environ Health Perspect 2005;113(6):A366-7.
7. **De Roos AJ** and Ward MH. Drinking water and cancer (Letter). Epidemiology 2004;15(3):378-80.

Other Publications

1. Pearsall H, **De Roos AJ**, Dickinson S, Gurian PL, Kato Y, Kondo M, Lewis A. The Benefits and Costs of Urban Public Spaces. William Penn Foundation, February 2020. Available: <https://williampennfoundation.org/what-we-are-learning/benefits-and-costs-urban-public-spaces>
2. **De Roos AJ**, Gurian P, Robinson L, Zakeri I, Kondo MC. Turbidity of Drinking Water Supplies and Risk of Gastrointestinal Illness. Water Research Foundation 2016. Web Report #4589.
3. Pease WS, Albright D, **De Roos AJ**, Gottsman L, Kyle AD, Morello-Frosch R, Robinson JC. Pesticide Contamination of Groundwater in California. California Policy Seminar, University of California, 1995.

RESEARCH FUNDING

Under Review

Title (Dates)	Role	Funding agency / Mechanism	Total direct costs
Urban Greenspace, Vegetation Diversity, and the Gut Microbiome of Infants (4/1/2022-3/31/2024)	Principal Investigator	NIEHS / R21	\$275,000
Investigation of Neighborhood Greenspace as Protection Against Development of Childhood Asthma (9/1/2021-8/31/2023)	Principal Investigator	NIEHS/ R21	\$275,000

Past Funding

Title (Dates)	Role	Funding agency / Mechanism	Total direct costs
Precipitation Events, Water Quality, and Risk of Gastrointestinal Illness in Philadelphia (4/1/2016-3/30/2019; No cost extension through 7/30/2021)	Principal Investigator	Drexel Watershed Consortium / Academy of Natural Sciences	\$60,000
Pediatric Big Health Data Project (11/1/2016-12/31/2019)	Co-Investigator (PI of subaward: Diez Roux; PI: Forrest, CHOP)	Pennsylvania Department of Health (9282640000)	\$968,521 (Drexel subaward)
Synthesis of the Benefits and Costs of Urban Public Spaces (10/15/2018-10/04/2019)	PI of subaward (PI: Pearsall, Temple University)	William Penn Foundation / Subaward from Temple University (440121-6904)	\$211,000 (\$83,481 Drexel subaward)
Occupational Pesticide Use and Risk of Lymphoid Cancers (8/15/2015-7/31/2017; No cost extension through 07/31/2018)	Principal Investigator	NCI / R03 R03CA199515	\$100,000
An investigation of associations between heat and infant mortality, and effect modification by greenness and socioeconomic and demographic characteristics in Philadelphia, Pennsylvania (04/2016-02/2017)	Co-Investigator (PI: Schinas)	Drexel Urban Health Collaborative	\$29,997
Pesticide Exposure and Early Biomarkers of NHL Risk in Farmers (10/1/2013-9/30/2016)	Co-Investigator (PI: 't Mannetje)	Health Research Council of New Zealand 13/279	\$1,200,000 (NZ)
Myeloma Consortium Study of Occupational Exposures and Family History (4/1/2013-3/30/2015; No cost extension through 12/31/2015)	Principal Investigator	NIEHS / R21 5R21ES021592-02	\$275,000
Evaluation of Scientific Literature on Turbidity Associated with the Risk of Gastrointestinal (GI) Illness (1/1/2015-12/31/2015)	Principal Investigator	Water Research Foundation 4589	\$130,000
Identifying Genotypes that Predict Risk of Multiple Myeloma: a Collaborative Multi-Ethnic Case-Control Study (9/1/2011-8/31/2013)	PI of subaward (PI: Cozen, USC)	NCI / SPORE 5P50CA100707	\$54,952 (FHCRC subaward)
Role of Air Pollution in Rheumatoid Arthritis Incidence and Exacerbation (6/1/2010-5/31/2013)	Principal Investigator	NIAMS / R03 1R03AR056818	\$100,000
Bisphenol A Levels and Endometriosis Risk in Reproductive-Age Women (4/1/2011-3/31/2013)	Co-Investigator (PI: Holt)	NIEHS/ R03 1R03 ES019976	\$100,000
Markers of B-Cell Stimulation as Potential Predictors of Non-Hodgkin Lymphoma (1/15/2009-6/14/2011)	Principal Investigator	NHLBI / BAA HHSN268200900008C	\$728,796
Energy Balance, Organochlorine Exposure, and Possible Toxicologic Effects (8/9/2007-6/30/2010)	Principal Investigator	NIEHS / R03 R03ES015787	\$100,000
Infant Exposure to Plasticizers as Potential Contributors to Autism Spectrum Disorders (4/1/2008-3/31/2010)	Co-Investigator (PI: Sathyanarayana)	Center for Ecogenetics and Environmental Health, UW / Pilot Project Program	\$62,000
Occupational Risk Factors for NHL and NHL Subtypes: an InterLymph-Based Analysis (5/5/2007-5/4/2009)	Co-Investigator (PI: 't Mannetje)	NCI / R03 R03CA125831	\$100,000
Descriptive Epidemiology and Clinical Course of Myelodysplastic Syndromes (MDS) in a Health Maintenance Organization (12/11/2006-12/31/2009)	Principal Investigator	Amgen, Inc. / Global Epidemiology Division 655730 K3	\$257,768

Industrial Pollutants and Risk of Non-Hodgkin Lymphoma (9/1/2005-5/31/2009)	Principal Investigator	NCI / R03 R03CA115183	\$100,000
Immunotoxicology of Persistent Organochlorine Pollutant Exposure from Weight Loss (12/1/2006-12/31/2008)	Principal Investigator	FHCRC / Hartwell Innovation Award	\$50,000
Genetic Polymorphisms as Modifiers of the Effects of Dietary PCB and Trans Fat Exposure on the Risk of Endometriosis (12/1/2007-11/30/2008)	Principal Investigator (student project)	Royalty Research Fund, UW	\$27,336
Energy Balance, Polychlorinated Biphenyl (PCB) Exposure and Possible Toxicologic Effects (12/1/2006-8/31/2008)	Principal Investigator	NCI / TREC Pilot Project	\$25,000
Paraoxonase and Cholinesterase among Washington State Farmworkers (4/1/2006-3/31/2007)	Principal Investigator (student project)	Center for Ecogenetics and Environmental Health, UW / Pilot Project Program	\$25,000
Descriptive Epidemiology of Myelodysplastic Syndromes and Potential Space-Time Clustering in Incidence (9/30/2005-8/31/2008)	Principal Investigator	NCI / SEER Rapid Response Surveillance Study NO1-PC-55020-20	\$69,114
Assessment of the Accuracy of Geocoded Cancer Registry Data in the Seattle-Puget Sound Region (9/30/2004-10/1/2006)	Co-Investigator (PI: Mueller)	NCI / SEER Rapid Response Surveillance Study NO1-PC-45011-20	\$105,817
Industrial Pollution and Risk of Non-Hodgkin's Lymphoma (9/1/2004-8/31/2005)	Collaborator (PI: Ward), PI of contract	NCI / Contract	\$24,900
Study of Immune Effects in Corn Farmers (2002)	Co-Principal Investigator (PI: Alavanja)	NCI / Molecular Epidemiology Committee (competitive intramural funding mechanism)	\$75,000
Nested Case-Control Study of Immunological Biomarkers as Predictors of Non-Hodgkin's Lymphoma (2001)	Principal Investigator	NCI / Intramural Research Award (competitive intramural funding mechanism)	\$100,000
Antioxidants in Serum and the Risk of Osteoarthritis (1997)	Principal Investigator	Institute on Aging, UNC / Exploratory Project Award	\$3,000
Predictors of Work Disability in Rheumatoid Arthritis (1997-1999)	Principal Investigator	The Arthritis Foundation / Doctoral Dissertation Award	\$20,000

TEACHING

Formal Courses

Intermediate Epidemiology, EPI 560 (3 credit hours)

Drexel University, Dornsife School of Public Health

Role: Primary instructor of online course, required for Epidemiology MPH majors (100% responsibility)

Dates (number of students): Fall 2021 (19)

Quantitative Risk Analysis for Environmental Health, EOH 665 (3 credit hours)

Drexel University, Dornsife School of Public Health

Role: Primary instructor of required course for Environmental & Occupational Health MPH students (100% responsibility)

Dates (number of students): Fall 2019 (5), Fall 2020 (4)

Evidence Evaluation for Identification of Environmental Hazards, EOH 605 (3 credit hours)

Drexel University, Dornsife School of Public Health

Role: Primary instructor of graduate-level elective course (100% responsibility)

Dates (number of students): Spring 2019 (5), Spring 2021 (8)

Nature Prescription: Trees, Green Space and Your Health, PBHL 319 (3 credit hours)
Drexel University, Dornsife School of Public Health
Role: Primary instructor of undergraduate elective course (100% responsibility)
Dates (number of students): Spring 2019 (11), Spring 2021 (16)

Principles and Practice of Environmental and Occupational Health, EOH 510 (3 credit hours)
Drexel University, Dornsife School of Public Health
Role: Primary instructor of required course for Environmental & Occupational Health graduate students (100% responsibility)
Dates (number of students): Fall 2017 (8), Fall 2018 (18), Fall 2019 (13)

Environmental Health Risk and Impact Assessment, EOH 630 (3 credit hours)
Drexel University, Dornsife School of Public Health
Role: Primary instructor of required course for Environmental & Occupational Health graduate students (100% responsibility)
Dates (number of students): Winter 2019 (17)

Risk Analysis for Environmental Health, PBHL 665 (3 credit hours)
Drexel University, Dornsife School of Public Health
Role: Primary instructor of required course for Environmental & Occupational Health graduate students (100% responsibility)
Dates (number of students): Spring 2014 (25), 2015 (17), 2016 (14), 2017 (13), 2018 (1)

Introduction to Environmental and Occupational Health, PBHL 640 (4 credit hours)
Drexel University, Dornsife School of Public Health
Role: Course Director of required course for all MPH students (100% responsibility)
Dates (number of students): Winter 2015 (120), 2016 (111), 2017 (106)

Advanced Epidemiologic Methods, EPI 515 (4 credit hours)
University of Washington, Departments of Epidemiology and Biostatistics
Role: Instructor of required course for Epidemiology PhD students (50% responsibility)
Dates (number of students): Fall 2008 (9), Spring 2010 (15), 2011 (27), 2012 (25)

Occupational and Environmental Epidemiology, EPI 570 (3 credit hours)
University of Washington, Department of Epidemiology/DEOHS
Role: Instructor of elective course (50% responsibility)
Dates (number of students): Spring 2006 (25)

Cancer Epidemiology, EPI 524 (3 credit hours)
University of Washington, Department of Epidemiology
Role: Instructor of elective course (50% responsibility)
Number of students: ~15-20
Dates: Winter 2004; Spring 2005, Winter 2006, 2007

Public Health Issues in the Media, EPI 101 (5 credit hours)
University of Washington, Department of Epidemiology
Role: Creator and primary instructor for a Discovery Seminar course taught as part of the Early Fall Start program for freshmen (100% responsibility)
Number of students: 12
Dates: Early Fall Start program 2004

Special Topics in Epidemiologic Methods, EPI 515 (3 credit hours)
University of Washington, Departments of Epidemiology and Biostatistics
Role: Instructor of elective course (50% responsibility)
Number of students: 15
Dates: Fall 2003

SAS Programming and Data Management (4 credit hours)
University of North Carolina, Department of Epidemiology
Role: Primary instructor for required course (100% responsibility)
Number of students: 30
Dates: Fall 1997, 1998, 1999

Short Courses

Hierarchical Regression for Epidemiologic Studies
Agency for Toxic Substances and Disease Registry (ATSDR), Atlanta, GA
Role: Served as primary instructor for 2-day course (16 hours total), including lecturing and computer assignments using SAS (90% responsibility)
Number of students: ~25
Dates: July 28-29, 2003

Cancer Epidemiology
Epidemiologic Research and Information Center (ERIC), Seattle, WA
Role: Served as primary instructor for 4-day course (10 hours total), including lecturing and facilitating group discussions (100% responsibility)
Number of students: 15
Dates: June 23-26, 2003

SAS Programming and Data Management
Epidemiology Research Institute Summer Program, Norwood, MA
Role: Served as primary instructor for 5-day course (15 hours total). Designed the course, developed the course materials and lab assignments, lectured and led computer lab assignments (100% responsibility)
Number of students: 7
Dates: July 2000

Guest Lectures

Risk Assessment. Principles and Practice of Environmental and Occupational Health (EOH 510);
Course Director: Tran Huynh. Dornsife School of Public Health, Drexel University, October 2020

Risk Assessment. Environmental and Occupational Health (PBHL 314); Course Director: Sherry
Brandt-Rauf. Dornsife School of Public Health, Drexel University, October 2018, October 2020

Risk Assessment. Environmental and Occupational Health (PBHL 314); Course Director: Leah
Schinasi. Dornsife School of Public Health, Drexel University, May 2019

Drinking Water Quality in the Face of Climate Change. Public Health Impacts of Global Climate
Change (EOH 657); Course Director: Jerry Fagliano. Department of Environmental and Occupational
Health, Drexel University Dornsife School of Public Health, May 2016, May 2017, May 2018, February
2019

Air Pollution and Public Health. Introduction to Public Health for MD/MPH students (PBHL 503 S21 [semester] and PBHL T580 008 [quarter]); Course Director: Theodore Corbin. Drexel School of Medicine, March 2017

Air Pollution. Global Health (PBHL 560); Course Director: Esther Chernak. Department of Environmental and Occupational Health, Drexel University School of Public Health, May 2015

Environmental Epidemiology. Environmental and Occupational Health (PBHL 640); Course Director: Hernando Perez. Department of Environmental and Occupational Health, Drexel University School of Public Health, February 2014

Environmental Epidemiology. MD/MPH Course in Environmental and Occupational Health (PBHL 640); Course Director: Arthur Frank. Department of Environmental and Occupational Health, Drexel University School of Public Health. Summer 2013

Lymphomas. Cancer Epidemiology (EPI 524); Course Director: Christopher Li. Department of Epidemiology, University of Washington, Spring 2008, 2009, 2010, 2011, 2012

Propensity Score Methods. Epidemiologic Methods II (EPI 513); Course Director: Beth Mueller. Department of Epidemiology, University of Washington, January 2010

Environmental Risk Factors for Cancer. Environmental Risk and Society (ENVH 472). Department of Occupational and Environmental Health Sciences, University of Washington, April 2008

Risk Factors for Cancer. Cancer Prevention and Control (HSERV 575). Department of Health Services, University of Washington, January 2005

Semi-Bayes Hierarchical Regression Analysis Using SAS Proc GLIMMIX. Bayesian Analysis course. Department of Epidemiology, University of North Carolina, November 2001

Genetic Susceptibility to Occupational and Environmental Exposures. Occupational and Environmental Epidemiology (EPI/ENVH 570). Departments of Epidemiology/ Environmental and Occupational Health Sciences, University of Washington, May 2003, 2004, 2005

Hierarchical Regression. Advanced Epidemiologic Methods course. Epidemiologic Research and Information Center (ERIC), Seattle, WA, June 2004

Drinking Water Epidemiology. Occupational and Environmental Epidemiology (EPI/ENVH 570). Departments of Epidemiology/ Environmental and Occupational Health Sciences, University of Washington, April 2004

Using Susceptibility Markers in Epidemiologic Studies. Occupational and Environmental Epidemiology (EPI/ENVH 570). Departments of Epidemiology/ Environmental and Occupational Health Sciences, University of Washington, May 2004

TRAINEES

Master's Thesis/Capstone Project

Bede Nriagu, MPH (EOH, 2019). Thesis: Examination of Breast Cancer Risk in Female Teachers (Advisor). Department of Environmental and Occupational Health, Drexel University Dornsife School of Public Health

Haley Schupp, MPH (EOH, 2019). Thesis: Can Green Spaces Influence Health for Adolescents? (Advisor). Department of Environmental and Occupational Health, Drexel University Dornsife School of Public Health

Nabila Chaudhary, MPH (EOH, 2018). Thesis: Examining Reasons for Food Waste at the Retail Level in the United States (Advisor). Department of Environmental and Occupational Health, Drexel University Dornsife School of Public Health

Bingqing Zhang, MPH (Biostatistics, 2017). Thesis: Occupational Exposure to Phenoxyherbicides and Risk of Non-Hodgkin Lymphoma (Preceptor). Department of Epidemiology and Biostatistics. Drexel University Dornsife School of Public Health

Nilanjana Samanta, MPH (EOH, 2017). Thesis: Do Our Behavioral Health Providers Feel Valued? An Assessment of Burnout, Secondary Traumatic Stress, Compassion Satisfaction and Perception of Workplace among Behavioral Healthcare Disciplines in Philadelphia (Advisor). Department of Environmental and Occupational Health, Drexel University Dornsife School of Public Health

Olakunle Jayeola, MPH (EOH, 2017). Department of Environmental and Occupational Health, Drexel University Dornsife School of Public Health (2016-2017). Thesis: Determining The Association between Exposure to Organic Solvents – Benzene and Toluene – and Multiple Myeloma (Advisor)

Danielle Bartolanzo, MPH (Epidemiology, 2017). Thesis: Exposure to Triclosan and Prevalence of Overweight and Obesity in NHANES (Advisor). Department of Epidemiology and Biostatistics, Drexel University Dornsife School of Public Health

Arjita Rai, MPH (EOH, 2016). Thesis: Assessing the Association Between Heavy Precipitation and Gastrointestinal Illness in Philadelphia (Advisor). Award recipient for best CBMP. Department of Environmental and Occupational Health, Drexel University Dornsife School of Public Health

Xiangyi Duan, MPH (EOH, 2016). Thesis: Human Health Effects from Exposures to Unconventional Natural Gas Development Activities: A Review of Current Studies and a Spatial Analysis of Environmental Justice (Advisor). Department of Environmental and Occupational Health, Drexel University Dornsife School of Public Health

Michael Maglio, MPH (EOH, 2015). Thesis: Evaluation of Environmental Tobacco Smoke in an Asthma Remediation Program (Advisor). Department of Environmental and Occupational Health, Drexel University School of Public Health

Paul Gentile, MPH (EOH, 2015). Thesis: Glaucoma and Vision-Related Quality of Life (Advisor) Department of Environmental and Occupational Health, Drexel University School of Public Health

Mona Goyal, MPH (Epidemiology, 2015). Thesis: Occupational Physical Activity and Risk of Coronary Heart Disease in Women (Preceptor). Department of Epidemiology and Biostatistics, Drexel University School of Public Health

Anuja Thatte, MPH (EOH, 2014). Thesis: Quantitative Assessment of Radiation Doses Received by Patients in Both Cardiac Catheterization and Electrophysiology Labs (Advisor). Department of Environmental and Occupational Health, Drexel University School of Public Health

Hayley Buffman, MPH (EOH, 2014). Thesis: Weight of Evidence for Manganism Following Occupational Manganese Exposure in Welders (Advisor). Environmental and Occupational Health, Drexel University School of Public Health

Nadria Hibbert, MPH (EOH, 2014). Thesis: Formaldehyde in Veterinary Labs (Advisor). Department of Environmental and Occupational Health, Drexel University School of Public Health

Rodd Marcum, MPH (Epidemiology, 2012). Thesis: Occupational Physical Activity in Relation to Obesity in a Nationwide Sample (Committee Chair). Department of Epidemiology, University of Washington

Kate Bristow, MS (Epidemiology, 2011). Thesis: Hormone Replacement Therapy and Risk of Glioma in the Women's Health Initiative (Committee Chair). Department of Epidemiology, University of Washington

Yolanda Sanchez, MPH (Environmental Health, 2007). Thesis: Spatial Patterns of Asthma Hospitalizations in Central Washington State (Committee Member; Chair: Dr. Matthew Keifer). Department of Environmental and Occupational Health Sciences, University of Washington

Christopher Carlsten, MPH (Environmental Health, 2006). Thesis: Cell Markers and Cytokines in Cement Masons (Committee Co-chair with Dr. Joel Kaufman). Department of Environmental and Occupational Health Sciences, University of Washington

Megan Svec, MPH (Epidemiology, 2004). Thesis: Risk of Lymphatic or Hematopoietic Cancer Mortality with Occupational Exposure to Animals or the Public (Committee Chair). Department of Epidemiology, University of Washington

Swee May Tang, MPH (Epidemiology, 2004). Thesis: Bladder Cancer Risk in Shanghai Textile Workers (Committee Member; Chair: Dr. Harvey Checkoway). Department of Epidemiology, University of Washington

Doctoral Dissertations

Yun Ting Yen, PhD student (EOH, 2019 to present). Department of Environmental and Occupational Health, Drexel University Dornsife School of Public Health

Wanyu Huang, PhD student (Epidemiology, 2019 to present). Department of Epidemiology and Biostatistics, Drexel University Dornsife School of Public Health

Md Rasheduzzaman, PhD student (Environmental Engineering, 2021). Dissertation: Managing Water Quality in Premise Plumbing: Application of Systematic Review, Meta-Analysis, and the Delphi Method for Decision Making. Department of Civil, Architectural and Environmental Engineering, Drexel University College of Engineering (Committee Member; Chair: Dr. Patrick Gurian)

Aimee Palumbo, PhD (Epidemiology, 2016). Dissertation: Women's Occupational Patterns and Later-Life Physical Functioning. Department of Epidemiology and Biostatistics, Drexel University School of Public Health (Committee Member; Chair: Dr. Yvonne Michael)

Noura Abu Al Faraj, PhD (Environmental Engineering, 2016). Dissertation: Compliance Violations for Unconventional Natural Gas Wells in Pennsylvania. Department of Civil, Architectural and Environmental Engineering, Drexel University College of Engineering (Committee Member; Chair: Dr. Mira Olsen)

Neena George, PhD (Epidemiology, 2015). Dissertation: The Burden of Infection-Associated and Common Cancers among South Asians and Other Asian Subgroups in The United States, 1999-2009. Department of Epidemiology and Biostatistics, Drexel University School of Public Health (Committee Member; Chair: Dr. Alison Evans)

Kevin Psoter, PhD (Epidemiology, 2013). Dissertation: Environmental Predictors of Pseudomonas Acquisition in Cystic Fibrosis Patients. Department of Epidemiology, University of Washington School of Public Health (Committee Chair)

Kristen Upson, PhD (Epidemiology, 2013). Dissertation: Organochlorine Pesticides, Phthalate Metabolites, and Risk of Endometriosis. Department of Epidemiology, University of Washington School of Public Health (Committee Member; Chair: Dr. Victoria Holt)

Albert Kim, PhD (Statistics, 2011). Dissertation: Spatiotemporal Clustering of Cancer Cases in the Puget Sound Region of Washington State. (Committee Member; Chair: Dr. Jon Wakefield). Department of Statistics, University of Washington

Laura Gold, PhD (Epidemiology, 2009). Dissertation: Occupational Risk Factors for Multiple Myeloma. (Committee Chair). Department of Epidemiology, University of Washington School of Public Health

Britton Trabert, PhD (Epidemiology, 2009). Dissertation: Polychlorinated Biphenyls, Genetic Susceptibility, and Risk of Endometriosis. (Committee Member; Chair: Dr. Victoria Holt). Department of Epidemiology, University of Washington School of Public Health

Todd Jusko, PhD (Epidemiology, 2008). Dissertation: Immune Effects of Polychlorinated Biphenyls. (Committee Chair). Department of Epidemiology, University of Washington School of Public Health

Lori Williams, PhD (Epidemiology, 2008). Dissertation: Immune Mechanisms of Air Pollution Health Effects. (Committee Chair). Department of Epidemiology, University of Washington School of Public Health

Jonathan Hofmann, PhD (Epidemiology, 2008). Dissertation: Cholinesterase Inhibition in Central Washington Agricultural Workers Exposed to Pesticides. (Committee Member; Chair: Dr. Harvey Checkoway). Department of Epidemiology, University of Washington School of Public Health

Eva Wong, PhD (Epidemiology, 2007). Dissertation: Miscarriage in Shanghai Textile Worker Women. (Committee Member; Chair: Dr. Harvey Checkoway). Department of Epidemiology, University of Washington School of Public Health

Karen Wernli, PhD (Epidemiology, 2006). Dissertation: Endometrial and Ovarian Cancer in Relation to Textile Industry Exposures. (Committee Member; Chair: Dr. Harvey Checkoway). Department of Epidemiology, University of Washington School of Public Health

Susan Nielsen, PhD (Epidemiology, 2004). Dissertation: Pesticide Exposure, PON, and Risk of Childhood Brain Tumors. (Committee Member; Chair: Dr. Beth Mueller). Department of Epidemiology, University of Washington School of Public Health

Scientists and Postdoctoral Fellows

Neha Sunger, PhD. Department of Health, West Chester University. I am serving as Dr. Sunger's external faculty mentor for West Chester University's DREAM program (Developing Research Agendas through Mentoring) (May 2017-April 2018).

Leah Schinasi, PhD. Environmental and Occupational Health, Drexel University School of Public Health (September 2014-August 2016). Projects: InterLymph evaluation of occupational exposures; Pesticides and risk of cancer in the Women's Health Initiative cohort; Meta-analysis of modification by greenspace on relationship between heat and mortality.

June Spector, MD, PhD. Biostatistics, Epidemiologic, and Bioinformatics Training in Environmental Health [BEBTEH] fellow (2010-2012). Project: Cross-sectional and longitudinal immune effects of plasma organochlorines.

Gregory S. Calip, PharmD. Cancer Prevention Training – Nutrition, Exercise, and Genetics fellow (2010-2012). Project: Predictors of MDS diagnosis within a cohort of anemia patients.

PROFESSIONAL SERVICE

University Service

Curriculum and Assessment Committee (formerly Educational Coordinating Committee) (Chair of committee: Gina Lovasi). Dornsife School of Public Health, Drexel University, September 2019-present

PhD Degree Program Committee. Department of Environmental and Occupational Health, Dornsife School of Public Health, Drexel University, June 2020-present

Reviewer for UHC Doctoral Fellowship Award 2021-2022, January-February 2021

Chair's Review Committee for Dr. Jerald Fagliano (Committee Chair: Jane Clougherty), Dean's Office, Dornsife School of Public Health, Drexel University, September-December 2019

Program Assessment Review (PAR) self-study team member for the Department of Environmental and Occupational Health (Committee Chair: Jerry Fagliano). Dornsife School of Public Health, Drexel University, Summer 2019-Fall 2019

Dean's Review Committee for Dr. Ana Diez Roux (Committee Chair: Penny Hammrich), Provost's Office. Drexel University, January-June 2019

Search Committee for Assistant Professor of Epidemiology (Committee Chair: Yvonne Michael), Department of Epidemiology and Biostatistics. Dornsife School of Public Health, Drexel University, September 2018-February 2019

Midterm Evaluation Review Committee for Dr. Shannon Capps (Committee Chair: Michael Waring). Department of Civil, Architectural, & Environmental Engineering, Drexel University, Winter 2019

Faculty Participant, Pre-Orientation, Session on “Urban Greenspace and Health”. Dornsife School of Public Health, Drexel University with external partner, The Schuylkill Center, September 2018

Co-Chair, Executive Committee of the Faculty (Committee Chair: Augusta Villanueva). Dornsife School of Public Health, Drexel University, September 2016-August 2018

Senate Committee for Academic Affairs (Chair of Undergraduate Subcommittee: Jay Sarver). Drexel University, Spring 2016-Summer 2018

Search Committee for Dornsife Endowed Professor of the Dornsife School of Public Health (Committee Chair: John Rich). Dornsife School of Public Health, Drexel University, Autumn 2016-May 2018

Faculty Participant, Accepted Students Day for the Dornsife School of Public Health. Dornsife School of Public Health, Drexel University, April 2017

Midterm Review Committee for Dr. Nate Snyder of the A.J. Drexel Autism Institute (Committee Chair: Paul Shattuck). Drexel University, Winter 2017

Faculty Mentor, R21 Boot Camp (Director: Craig Newschaffer). Dornsife School of Public Health, Drexel University, July 2016

Search Committee for Assistant or Associate Professor of Environmental and Occupational Health (Committee Chair: Jerry Fagliano). Drexel University School of Public Health, Autumn 2015-Winter 2016

Educational Coordinating Committee (Chair of committee: Darryl Brown). Drexel University School of Public Health, September 2013-August 2016

Delta Omega Awards Committee (Chair of committee: Philip Massey). Drexel University School of Public Health, May 2015

Faculty Participant, Accepted Students Day. Drexel University School of Public Health, March 2015

Search Committee for Department Chair of Environmental and Occupational Health (Committee Chair: Seth Welles). Drexel University School of Public Health, Winter-Summer 2015

Committee Chair, Search Committee for Assistant or Associate Professor of Environmental and Occupational Health. Drexel University School of Public Health, Autumn 2014-Spring 2015

Doctoral Program Task Force (Committee Chair: Seth Welles). Drexel University School of Public Health, Summer 2014-Winter 2015

Search Committee for Department Chair of Epidemiology and Biostatistics (Committee Chair: Yvonne Michael). Drexel University School of Public Health, Summer 2014-Winter 2015

Search Committee for Assistant Professor of Environmental and Occupational Health for Urban Health Cluster Hire (Committee Chair: Igor Burstyn). Drexel University School of Public Health, Spring 2014

Institutional Review Board, Committee C (Committee Chair: Mark Thornquist). Fred Hutchinson Cancer Research Center, Summer 2010-Autumn 2012

Promotion committee for Christopher Carlson (Committee Chair: Ulrike Peters). Cancer Prevention Program, Fred Hutchinson Cancer Research Center, Summer 2010

Search Committee for Biostatistics faculty member (Committee Chair: Charles Kooperberg). Biostatistics and Biomathematics Program, Fred Hutchinson Cancer Research Center, Spring 2009

Search Committee for Assistant Professor in Environmental Epidemiology (Committee Chair: Jay Kaufman). Department of Epidemiology, University of Washington, 2007

Strategic Planning Committee (Committee Chair: Scott Davis). Department of Epidemiology, University of Washington, 2005-2007

Meeting participant, Directors of the NIEHS NRSA Training Programs Meeting. National Institute for Environmental Health Sciences, Research Triangle Park, NC, December 2004

Graduate Student Representative, Doctoral Supervisory Committee for Brooke Deatherage, Department of Microbiology. University of Washington, 2003-2004

Faculty Representative, Welcome to Washington Dinner. Hosted in Spokane, WA, June 2004

External Professional Service

Editorial Board

Associate Editor, Environmental Health Perspectives, 2016-2019

Editorial Review Board Member, Environmental Health Perspectives, 2009-2016

Journal Review

American Journal of Epidemiology (2004, 2006, 2007, 2008, 2010, 2011, 2012, 2014, 2017); American Journal of Industrial Medicine; Annals of Occupational Hygiene; Arthritis & Rheumatism (2011); Cancer; Cancer Epidemiology, Biomarkers, and Prevention (2011); Cancer Research (2011); Environmental Health (2016); Environmental Health Perspectives; Environmental Research; Epidemiology; European Journal of Cancer; International Journal of Cancer; International Journal of Environmental Research and Public Health (2011, 2018); International Journal of Occupational and Environmental Health (2016); Journal of Cancer Epidemiology; Journal of Epidemiology and Community Health (2018), Journal of Health, Population, and Nutrition; Journal of Occupational and Environmental Medicine; Journal of the American Medical Association (JAMA); Journal of Rural Health; Journal of the National Cancer Institute (JNCI); Leukemia & Lymphoma; Occupational and Environmental Medicine (2017, 2018); Scandinavian Journal of Work, Environment, and Health; The Science of the Total Environment; Toxicology and Industrial Health

Grant Review

New Cohorts for Environmental Exposures and Cancer Risk (UG3/UH3, RFA-CA-20-050), National Cancer Institute, NIH, July 2021

Harvard Chan-NIEHS Center for Environmental Health semi-annual pilot project review, April 2021

NCI Clinical Studies Special Emphasis Panel review, October 2010

FHCRC/NMSU U54 pilot award study section, June 2010

Special Emphasis Panel/Scientific Review Group (2010/08 ZCA1 PCRB-A, A1, S meeting, Loan Repayment Program), NIH, May 2010

Environment and Health Fund (Israel), Review of a research proposal on pesticides and health, April 2010

Review of a research proposal for intramural funding within the Epidemiology Branch of the National Institute of Environmental Health Sciences, NIH, November 2009

Mechanism for Time-Sensitive Research Opportunities (R21), National Institute for Environmental Health Sciences, NIH, May 2008

Comparative Biology Elucidation of Environmental Pathways and Susceptibility (R01), National Institute for Environmental Health Sciences, NIH, March 2007

Multidisciplinary Clinical Research Center (P60), National Institute for Arthritis and Musculoskeletal Diseases, NIH, November 2006

Retrospective Cohort Mortality Study of Workers Employed at a Phosphate Ore Processing and Phosphorous Production Facility in Florida (1947-1981), Agency for Toxic Substances and Disease Registry, Centers for Disease Control, December 2004

Gulf War and Health, Volume 3: Fuels, Combustion Products, and Propellants. Committee on Gulf War and Health, Institute of Medicine, September-October 2004

Advisory Groups / Expert Panels

NASEM Committee: Review of DOD's Approach to Deriving an Occupational Exposure Level for Trichloroethylene (Committee Chair: Ed Bishop). National Academies of Sciences Engineering Medicine, Washington, DC, January 2019-November 2019

Climate Change and Health Advisory Group (Organizer: Jessica Caum). Philadelphia Department of Public Health, 2016-2019

International Agency for Research on Cancer (IARC) working group review of DDT, lindane, and 2,4-D. Lyon, France, June 2015

Guyton KZ, Loomis D, Grosse Y, El Ghissassi F, Benbrahim-Tallaa L, Guha N, Scoccianti C, Mattock H, Straif K. International Agency for Research on Cancer Monograph Working Group, IARC, Lyon, France. Carcinogenicity of lindane, DDT, and 2,4-D. *Lancet Oncol* 2015 Jun 22. pii: S1470-2045(15)00081-9. doi: 10.1016/S1470-2045(15)00081-9

Discussion of grouping of B-cell neoplasms in studies of Agent Orange in the Institute of Medicine's Veterans and Agent Orange Update 2014 presented to the Department of Veterans' Affairs (Expert information group participant). Conference call organized by the National Academy of Sciences, March 9, 2015

Evaluation of trichloroethylene-induced immune effects and their role in its potential carcinogenicity (Expert information group participant). National Toxicology Program Report on Carcinogens, April 3, 2014

Risk Assessments for Methylene Chloride (CASRN 75-09-2) and N-Methylpyrrolidone (CASRN 872-50-4) for Paint Stripping Use (Peer reviewer). Office of Pollution Prevention and Toxics. Environmental Protection Agency, Washington, DC, September-December 2013

Autoimmune Diseases and the Environment (Expert panel member). National Institute for Environmental Health Sciences, RTP, NC, September 2010

Trichloroethylene (TCE) Risk Assessment (Peer Reviewer). Environmental Protection Agency, Washington, DC, April-May 2010

Formaldehyde Report on Carcinogens (Expert panel member). National Institute for Environmental Health Sciences, Research Triangle Park, NC, October-November 2009

Perchlorate State-of-the-Science Symposium (Expert panel member). Center for Environmental Toxicology and Department of Pharmacology, University of Nebraska Medical Center, Omaha, NE, September-October 2003

Other Peer Review

Book proposal on litigation against Monsanto claiming use of Roundup herbicide (glyphosate) caused non-Hodgkin lymphoma. Johns Hopkins University Press. May 2020.

Toxicological Profile for Glyphosate. Agency for Toxic Substances and Disease Registry, Centers for Disease Control and Prevention. Atlanta, GA, August 2017

External Reviewer for Academic Appointment, Promotion, or Tenure

Review for Appointment of Nathaniel Baker, MS, to rank of Assistant Professor (Committee Chair: John Vena). Department of Public Health Sciences at the Medical University of South Carolina (MUSC), September-October 2018

Review for promotion of David Wheeler, PhD, to Associate Professor with tenure (Committee Chair: Roy T. Sabo). Department of Biostatistics, Virginia Commonwealth University, August-September 2016

Community Service

Tree Tender Team Leader, Pennsylvania Horticultural Society, Philadelphia, PA (East Mount Airy and Chestnut Hill): Plant street trees in spring and fall; Solicit applications for tree planting from homeowners; Recruit and train volunteers; Check trees annually to monitor growth and condition. 2014-present

Trail Ambassador, Friends of the Wissahickon (FOW), Philadelphia, PA: Trail shifts to interact with public and report on park conditions; Outreach tables to inform public about the Wissahickon and FOW; Lead hikes; Participant and #1 fundraiser for 2016 All Trails Challenge. 2015-present

Ad Hoc Committee Member, Turf Management Advisory Committee. Foulkeways Senior Living Community, Gwynedd, PA. October 2018

Interviewer/panelist for Sanitarian Supervisor job for the City of Philadelphia, 5/16/14

CONSULTING

Integrated Risk Information System (IRIS), USEPA. Development of criteria for evaluating study quality in epidemiologic research of immune system-related effects, for use in IRIS assessments. March-October 2017

Kline & Specter, Attorneys at Law. Expert opinion on a case of lymphoma following occupational exposure to phenoxyherbicides. January-February 2007

Glaxo-Wellcome. Literature reviews and data analysis. 1997-2000

PROFESSIONAL MEMBERSHIPS

Society for Risk Analysis, 2013-present (Chair of Exposure Assessment Specialty Group from 2014-2016)

International Society for Environmental Epidemiology, 2003-present

InterLymph Consortium, 2004-present (Chair of the Lifestyle and Environment Working Group from 2016-2017)

International Multiple Myeloma Consortium, 2006-2018 (Chair of the Coordinating Committee from 2013-2014; Elected member of the Coordinating Committee from 2012-2014)

Alumni Association, UNC School of Public Health and Community Medicine, Epidemiology Chapter, 2007-present (served as President-Elect from 2006-2007 and President from 2007-2008)

CONFERENCES AND SYMPOSIA

Organization

Reviewer of abstracts for the Urban Health Collaborative symposium held in Philadelphia, PA, September 2017

Expert Workshop. Review of the Epidemiologic Evidence on Drinking Water Turbidity and Acute Gastrointestinal Illness. Workshop held in Philadelphia, PA, October 2015

Session organizer for the Society for Risk Analysis, Exposure Assessment Specialty Group. Conference held in Alexandria, VA, December 2015

Organizer of annual meeting of the International Multiple Myeloma Consortium (IMMC). Meeting held in Groningen, Netherlands, June 2015

Session organizer for the Society for Risk Analysis, Exposure Assessment Specialty Group. June 2014; Conference held in December 2014

Reviewer of abstracts for the Congress of Epidemiology, Spotlight Session on Geographic Information Systems, Seattle, WA, June 2006

Organizer of “Sensitivity Analysis for Epidemiologic Studies”. Seminar and workshop by Dr. Timothy Lash (Boston University). Department of Epidemiology, University of Washington, Seattle, WA, June 2004

Oral Presentations

Influence of Greenspace on the Infant Gut Microbiome. International Society for Environmental Epidemiology annual meeting (virtual), August 2020

Precipitation Events, Water Quality, and Risk of Gastrointestinal Illness in Philadelphia. Delaware Watershed Research Conference, Academy of Natural Sciences, November 2019

The Health Benefits and Costs of Urban Public Spaces. Workshop on the Benefits and Costs of Urban Public Spaces, sponsored by the William Penn Foundation. Temple University, May 2019.

Precipitation Events, Water Quality, and Risk of Gastrointestinal Illness in Philadelphia. Center for Environmental Health and Susceptibility, University of North Carolina at Chapel Hill, March 2019

Precipitation Events, Water Quality, and Risk of Gastrointestinal Illness in Philadelphia. Delaware Watershed Research Conference, Academy of Natural Sciences, November 2018

Is Hazard Identification a Scientific Process? Recent Evaluations of Glyphosate Suggest Room for Interpretation. Annual meeting of the Society for Risk Analysis, Arlington, VA, December 2017

Drinking Water Turbidity in Relation to Acute Gastrointestinal Illness – What Does the Association Mean? 12th CECIA-IAUPR Biennial Symposium on Potable Water Issues in Puerto Rico. Center for Environmental Education, Conservation and Research (CECIA-IAUPR), InterAmerican University of Puerto Rico, in collaboration with the USEPA. San Juan, Puerto Rico, March 2017

Public Health Implications of Changes in Environmental Policies. DSPH Symposium on Environmental Health in the New Administration. Drexel University, March 2, 2017

Precipitation Events, Water Quality, and Risk of Gastrointestinal Illness in Philadelphia. Delaware Watershed Research Conference, Academy of Natural Sciences, November 2017

Epidemiologic Evidence on Drinking Water Turbidity and Acute Gastrointestinal Illness. Expert Workshop on Review of Epidemiologic Evidence on Drinking Water Turbidity and Acute Gastrointestinal Illness, Philadelphia, PA, October 2015

Family History of Lymphohematopoietic Cancer and Risk of Multiple Myeloma. Annual meeting of the International Multiple Myeloma Consortium, Groningen, Netherlands, June 2015

Proximity to Traffic, Ambient Air Pollution and Community Noise in Relation to Incident Rheumatoid Arthritis. Drexel University School of Public Health, Philadelphia, PA, October 2013

Proximity to Traffic, Ambient Air Pollution and Community Noise in Relation to Incident Rheumatoid Arthritis. University of Pittsburgh School of Public Health, Pittsburgh, PA, September 2013

Lessons about Occupational Causes of Lymphoma from the InterLymph Consortium. Kimmel Cancer Center Population Sciences Working Group meeting, Philadelphia, PA, October 2013

Epidemiology of Myelodysplastic Syndromes, Myeloproliferative Disorders, and Aplastic Anemia. Patient Conference, FHCRC, Seattle, WA, June 2012

Epidemiology of Myelodysplastic Syndromes, Myeloproliferative Disorders, and Aplastic Anemia. Patient Conference, FHCRC, Seattle, WA, June 2010

Insecticide Use and Risk of Autoimmune Rheumatic Diseases in the Women's Health Initiative Observational Study. International Congress on Systemic Lupus Erythematosus (LUPUS2010), Vancouver, BC, June 2010

Polychlorinated Biphenyls (PCBs) as Risk Factors for Non-Hodgkin Lymphoma: Causation, Confounding, or (mis)-Classification? Center for Environmental Health and Susceptibility, University of North Carolina, Chapel Hill, NC, October 2009

Weight Loss-Induced Exposure to Persistent Organic Pollutants. Innovator's Network reporting event, FHCRC, Seattle, WA, August 2009

Search for Environmental Causes of Lymphomas. Department of Epidemiology, University of Alabama, Birmingham, AL, April 2009

Long-Term Health Effects of Pesticide Exposure. Pesticide Incident Reporting and Tracking (PIRT) annual meeting, Yakima, WA, November 2008

Carcinogens – Facts versus Fiction. Current Issues in Cancer Care Symposium, Wenatchee Valley Medical Center, Chelan, WA, October 2008

Residential Proximity to Industrial Facilities and Risk of Non-Hodgkin Lymphoma. International Society for Environmental Epidemiology annual meeting, Pasadena, CA, October 2008

Epidemiology of Myelodysplastic Syndromes and Myeloproliferative Disorders. Patient Conference, FHCRC, Seattle, WA, June 2008

Multiple Exposures, Multiple Effects – How Do We Decide What's Significant? Keynote Address, Epidemiology in Occupational Health (EPICOH) 20th international conference, San José, Costa Rica, June 2008

Weight Loss-Induced Exposure to Persistent Organic Pollutants. Science Over Lunch event for donors, FHCRC, Seattle, WA, July 2007

Epidemiology of Myelodysplastic Syndromes and Myeloproliferative Disorders. Patient Conference, FHCRC, Seattle, WA, June 2007

Medical History and Risk of Multiple Myeloma. International Multiple Myeloma Consortium meeting, Barcelona, Spain, June 2007

Studies of Weight Loss-Induced Exposure to Persistent Organic Pollutants. Transdisciplinary Research in Cancer (TREC) seminar, Seattle, WA, March 2007

Corn Farming Study. Center for Ecogenetics and Environmental Health (CEEH) seminar, University of Washington, Seattle, WA, June 2006

Persistent Organochlorine Chemicals in Plasma and Risk of Non-Hodgkin Lymphoma. International Society for Environmental Epidemiology annual meeting, Johannesburg, South Africa, September 2005

Hierarchical Regression Modeling in Epidemiologic Studies of Multiple Exposures. Division of Biostatistics, University of Southern California, Los Angeles, CA, August 2005

Polychlorinated Biphenyls and Risk of Non-Hodgkin Lymphoma. InterLymph (International Consortium of Lymphoma Researchers) meeting, York, England, July 2005

Pesticide Mixtures and Lymphoma. International joint workshop of the European Commission and the Environmental & Occupational Health Sciences Institute, "Modifiers of Chemical Toxicity: Implications for Human Health Risk Assessment", Poros, Greece, June 2005

Molecular Epidemiology within the Agricultural Health Study: Results from the Corn Farmers Study. Agricultural Health Study Biomarker Workshop, Chapel Hill, NC, March 2005

Hierarchical Regression Modeling in the Analysis of Multiple Exposures. School of Occupational and Environmental Hygiene, University of British Columbia, Vancouver, BC, November 2003

Hierarchical Regression Modeling in the Analysis of Multiple Exposures. Epidemiology Colloquy, Fred Hutchinson Cancer Research Center, Seattle, WA, May 2003

Hierarchical Regression Modeling in the Analysis of Multiple Exposures. Department of Statistics, West Virginia University, Morgantown, WV, October 2002

Hierarchical Regression Modeling in the Analysis of Multiple Exposures. National Institute for Occupational Safety and Health (NIOSH), Morgantown, WV, October 2002

Nitrate in Public Water Supplies and the Risk of Colon Cancer. Department of Environmental and Occupational Health, George Washington University, Washington, DC, September 2002

Hierarchical Regression Modeling in the Analysis of Multiple Exposures. Agency for Toxic Substances and Disease Registry (ATSDR), Atlanta, GA, September 2002

Integrative Assessment of Multiple Pesticide Exposures and Non-Hodgkin's Lymphoma Among Men. Society for Occupational and Environmental Health annual meeting, Washington, DC, July 2002

Mechanistic Considerations in the Application and Interpretation of Susceptibility Markers in Epidemiologic Studies. Society for Epidemiologic Research (SER) annual meeting, Palm Desert, CA, June 2002

Nitrate in Community Water Supplies and the Risk of Colorectal Cancers. Lineberger Comprehensive Cancer Center, University of North Carolina at Chapel Hill, Chapel Hill, NC, November 2001

Bayesian Hierarchical Regression Modeling in the Analysis of Multiple Exposures. National Institute of Environmental Health Sciences (NIEHS), Research Triangle Park, NC, October 2001

Integrative Assessment of Multiple Pesticide Exposures and Non-Hodgkin's Lymphoma in Men. International Society for Environmental Epidemiology annual meeting, Garmisch, Germany, August 2001

Nitrate in Community Water Supplies and the Risk of Colon Cancer. International Society for Environmental Epidemiology annual meeting. Garmisch, Germany, August 2001

Bayesian Hierarchical Regression Modeling in the Analysis of Multiple Exposures. National Cancer Institute, Rockville, MD, August 2001

Parental Occupational Exposures to Electromagnetic Fields and Radiation and the Incidence of Neuroblastoma in Offspring. International Society for Environmental Epidemiology annual meeting, Buffalo, NY, August 2000

Parental Occupational Exposures to Chemicals and the Incidence of Neuroblastoma in Offspring. Society for Epidemiologic Research annual meeting, Buffalo, NY, June 2000

Posters

Occupational Pesticide Use and Risk of Non-Hodgkin Lymphoma (De Roos). International Society for Environmental Epidemiology annual meeting (virtual), August 2020

Changes in the Spatial Pattern of Preeclampsia in Washington State, 1992-2002. International Society for Environmental Epidemiology, Annual meeting, Johannesburg, South Africa, September 2005

Metabolic Gene Variants and the Risk of Adult Brain Tumors. American Association for Cancer Research – Frontiers in Prevention, Annual meeting, Seattle, WA, October 2004

Rheumatoid Arthritis Among Women in the Agricultural Health Study: Risk Associated with Farming Activities and Exposures. International Society for Environmental Epidemiology, Annual meeting, New York, NY, August 2004

Rheumatoid Arthritis Among Women in the Agricultural Health Study: Risk Associated with Farming Activities and Exposures. National Advisory Panel of the Agricultural Health Study, Annual meeting, Bethesda, MD, February 2004

Occupation and the Risk of Adult Glioma. International Society for Environmental Epidemiology, Annual meeting, Vancouver, BC, August 2002

Study of Immune Effects in Corn Farmers within the Agricultural Health Study. International Society for Environmental Epidemiology, Annual meeting, Vancouver, BC, August 2002

GST- and CYP2E1 Polymorphisms and the Risk of Adult Brain Tumors. American Association for Cancer Research, Annual meeting, New Orleans, LA, April 2001

HONORS AND AWARDS

Intramural Research Award, Division of Cancer Epidemiology and Genetics, National Cancer Institute, 2001

Delta Omega National Honor Society in Public Health, Inducted 2000

Population Sciences Award, Lineberger Comprehensive Cancer Center, 1999

Environmental Training Grant, National Institute for Environmental Health Sciences, 1995-1997