
Department of Epidemiology and Environmental Health (EEH) Publications June 2013 - May 2014

The following is a list of peer-reviewed publications (excluding other non-peer-reviewed publications such as letters and book chapters) from EEH faculty from June 2013 through May 2014, based on information provided by the faculty.

Publications listed as 'in press' in Publications June 2012 - May 2013 were not included in this listing.

Based on this list, EEH faculty published 185 papers during this period. Many papers were published in top, high impact journals in public health, epidemiology and related fields. Journals include the American Journal of Clinical Nutrition, American Journal of Epidemiology, American Journal of Public Health, Annals of Epidemiology, Circulation, JAMA, International Journal of Cancer, and Pediatrics.

1. Adams S, Freney E, Passarelli M, Chlebowski R, Luo J, Meliker J, **Mu L**, Neuhouser M, Newcomb P. Dietary cadmium exposure and risk of breast, endometrial, and ovarian cancer in the Women's Health Initiative. *Environmental Health Perspectives*, 2014.
2. Adkison SE, Bansal-Travers M, Smith DM, **O'Connor RJ**, **Hyland AJ**. Impact of smokeless tobacco packaging on perceptions and beliefs among youth, young adults and adults in the U.S. findings from an internet-based cross-sectional survey. *Harm Reduction Journal* 2014; 11(1):2.
3. Ahrens K, Mumford S, Schliep K, Kissell K, Perkins N, **Wactawski-Wende J**, Schisterman E. Serum leptin levels and reproductive function during the menstrual cycle. *American Journal of Obstetrics and Gynecology* 2013; Nov 8. [Epub ahead of print] PMID: 24215851.
4. Ahrens KA, Vladutiu CJ, Mumford SL, Schliep KC, Perkins NJ, **Wactawski-Wende J**, Schisterman EF. The effect of physical activity across the menstrual cycle on reproductive function. *Annals of Epidemiology* 2013; Nov 15. [Epub ahead of print] PMID: 24345590.
5. Alavanja MC, Ross MK, **Bonner MR**. Reply to Increased cancer burden among pesticide applicators and others due to pesticide exposure. *Cancer: A Cancer Journal for Clinicians*. 2013 May 30.
6. **Ambrosone CB**, Young AC, Sucheston L, Wang D, Yan L, Liu S, Tang L, HuQ **Freudenheim JL**, Shields PG, Morrison Cd, Demissie K, Higgins MJ. Genome-wide methylation patterns provide insight into differences between American women of African and European descent. *Oncotarget* [epub ahead of print].
7. **Ambrosone CB**, **Zirpoli G**, Ruszczyk M, Shankar J, Hong C-C, **Roberts M**, Yao S, **McCann SE**, Ciupak G, Hwang H, Khoury T, Jandorf L, Bovbjerg DH, Pawlish K, Bandera E. Parity and breastfeeding among African-American women: differential effects on breast cancer risk by estrogen receptor status in the Women's Circle of Health Study. *Cancer Causes Control* 2014; 25(2):259-265. PMCID: PMC3903305.
8. Andrew ME, Mnatsakanova A, Howsare JL, Hartley TA, Charles LE, Burchfiel CM, McCanlies EC, **Violanti JM**. Associations between protective factors and psychological distress vary by gender: The Buffalo Cardio-metabolic Occupational Police Stress Study. *International Journal of Mental Health and Human Resilience* 2014; 15:277-288.

9. Arnold B, Null C, Luby SP, Unicomb L, Stewart C, Dewey K, Ahmed T, Ashraf S, Christensen G, Clasen T, Dentz H, Fernald L, Haque R, Hubbard A, Kariger P, Leontsini E, Lin A, Njenga S, Pickering A, **Ram P**, Tofail F, Winch P, Colford J. Cluster-randomized controlled trials of individual and combined water, sanitation, hygiene, and nutritional interventions in rural Bangladesh and Kenya: The WASH Benefits Study design and rationale. *BMJ Open* 2013; 30;3(8):e003476.
10. Bandera EV, Chandran U, **Zirpoli G**, Ciupak G, Bovbjerg DH, Jandorf L, Pawlish K, **Freudenheim JL**, **Ambrosone CB**. Body size in early life and breast cancer risk in African American and European American women. *Cancer Causes and Control* 2013; 24:2231-43.
11. Bandera EV, Chandran U, **Zirpoli G**, Gong Z, **McCann SE**, Hong CC, Ciupak G, Pawlish K, **Ambrosone CB**. Body fatness and breast cancer risk in women of African ancestry. *BMC Cancer* 2013; 13:475. PMID: PMC3853021.
12. Bansal S, Myneni A, **Mu L**, Myers B, Patel SP. Corneal sensitivity in chronic inflammatory demyelinating polyneuropathy. *Cornea* 2014, May
13. Bleich SN, Segal J, Wu Y, Wilson R, **Wang Y**. Systematic review of community-based childhood obesity prevention studies. *Pediatrics* 2013; 132(1):e201-e210.
14. Bond J, Hartley TA, Sarkisian K, Andrew ME, Charles LE, Andrew ME, **Violanti JM**. Association of traumatic police event exposure with sleep quality and quantity in the BCOPS study cohort. *International Journal of Mental Health and Human Resilience* 2014; 15:255-266.
15. Brasky TM, Li Y, Jaworowicz DJ, Potishman N, **Ambrosone CB**, Hutson AD, **Nie J**, Shields PG, Trevisan M, **Rudra CB**, Edge SB, **Freudenheim JL**. Pregnancy-related characteristics and breast cancer risk. *Cancer Causes and Control* 2013; 24:1675-85.
16. Brasky TM, Liu J, White E, Peters U, Potter JD, Walter RB, Baik CS, Lane DS, Manson JE, Vitolins MZ, Allison MA, Tang JY, **Wactawski-Wende J**. Non-steroidal anti-inflammatory drugs and cancer risk in women: Results from the Women's Health Initiative. *International Journal of Cancer* 2014 Mar 6. [Epub ahead of print] PMID: 24599876.
17. Cai L, Wu Y, Wilson RF, Segal JB, Kim MT, **Wang Y**. Effect of childhood obesity prevention programs on blood pressure: A systematic review and meta-analysis. *Circulation* 2014; CIRCULATIONAHA. 113.005666.
18. Camenga DR, Delmerico J, Kong G, Cavallo D, **Hyland A**, Cummings KM, Krishnan-Sarin S. Trends in use of electronic nicotine delivery systems by adolescents. *Addictive Behavior* 2014; 39(1):338-40.
19. Catsburg C, Gunter MJ, Chen C, Cote ML, Kabat GC, Nassir R, Tinker L, **Wactawski-Wende J**, Page DL, Rohan TE. Insulin, estrogen, inflammatory markers and risk of benign proliferative breast disease. *Cancer Research* 2014 Apr 22. [Epub ahead of print] PMID: 24755474.
20. Cauley JA, Chlebowski RT, **Wactawski-Wende J**, Robbins JA, Rodabough RJ, Chen Z, Johnson KC, O'Sullivan MJ, Jackson RD, Manson JE. Calcium plus vitamin D supplementation and health outcomes five years after active intervention ended: The Women's Health Initiative. *J Womens Health (Larchmt)* 2013; 22(11):915-29. Epub Oct 16. PMID: 24131320.
21. Chandran U, Zirpoli G, Ciupak G, **McCann SE**, Gong Z, Pawlish K, Lin Y, Demissie K, **Ambrosone CB**, Bandera E. Does alcohol increase breast cancer risk in African American women? Findings from a case-control study. *British Journal of Cancer* 2013; 109(7):1945-1953. PMID: PMC3790168.

22. Chandran U, **Zirpoli G**, Ciupak G, **McCann SE**, Gong Z, Pawlish K, Lin Y, Demissie K, **Ambrosone CB**, Bandera EV. Racial disparities in red meat and poultry intake and breast cancer risk. *Cancer Causes Control* 2013; 24(12):2217-2229. PMID: PMC3873343 [Available on 2014/12/1].
23. Charles LE, Gu JK, Fekedulegn D, Andrew ME, **Violanti JM**, Burchfiel CM. Association between shift work and glomerular filtration rate in police officers. *Journal of Occupational and Environmental Medicine* 2013; doi:10.1097/JOM.0b013e3182a299c9.
24. Charles LE, Andrew ME, Sarkisian K, Shenqiao L, Mnatsakanova A, **Violanti JM**, Wilson M, Gu JK, Miller DB, Burchfiel CM. Associations between insulin and heart rate variability in police officers. *American Journal of Human Biology* 2013; (on line). doi: 10.1002/ajhb.22475.
25. Chen CT, Liu CT, Chen GK, Andrews JS, Arnold AM, Dreyfus J, Franceschini N, Garcia ME, Kerr KF, Li G, Lohman KK, Musani SK, Nalls MA, Raffel LJ, Smith J, **Ambrosone CB**, Bandera EV, Bernstein L, Britton A, Brzyski RG, Cappola A, Carlson CS, Couper D, Deming SL, Goodarzi MO, Heiss G, John EM, Lu X, Le Marchand L, Marcianti K, McKnight B, Millikan R, Nock NL, Olshan AF, Press MF, Vayda D, Woods NF, Taylor HA, Zhao W, Zheng W, Evans MK, Harris TB, Henderson BE, Kardina SL, Kooperberg C, Liu Y, Mosley TH, Psaty B, Wellons M, Windham BG, Zonderman AB, Cupples LA, Demerath EW, Haiman C, Murabito JM, Rajkovic A. Meta-analysis of loci associated with age at natural menopause in African-American women. *Human Molecular Genetics* 2014; 23(12):3327-42. PMID: PMC4030781.
26. Chen H-J, **Wang Y**. The changing food outlet distributions and local contextual factors in the United States. *BMC Public Health* 2014; 14(1):42.
27. Chen H-J, **Wang Y**. Influence of school beverage environment on the association of beverage consumption with physical education participation among US adolescents. *American Journal of Public Health* 2013; 103(11):e63-e70.
28. Chlebowski RT, Pettinger M, Johnson KC, Wallace R, Womack C, Mossavar-Rahmani Y, Stefanick M, **Wactawski-Wende J**, Carbone L, Lu B, Eaton C, Walitt B, Kooperberg CL. Calcium plus vitamin D supplementation and joint symptoms in postmenopausal women in the Women's Health Initiative Randomized Trial. *Journal of the Academy of Nutrition and Dietetics* 2013; 113(10):1302-10. Epub 2013 Aug 15. PMID: 23954097.
29. Chen FF, **Wang Y**, Mi J. Timing and secular trend of pubertal development in Beijing girls. *World Journal of Pediatrics* 2014; 10(1):74-79.
30. Chen HJ, **Wang Y**. Influence of school beverage environment on the association of beverage consumption with physical education participation among US adolescents. *American Journal of Public Health* 2013; 103(11):e63-70.
31. Chen HJ, **Wang Y**. The changing food outlet distributions and local contextual factors in the United States. *BMC Public Health* 2014; 14(1):42.
32. Cheng TY, **Millen AE**, **Wactawski-Wende J**, Beresford SA, Lacroix AZ, Zheng Y, Goodman GE, Thornquist MD, Neuhauser ML. Vitamin D intake determines vitamin D status of postmenopausal women, particularly those with limited sun exposure. *Journal of Nutrition* 2014; Mar 5. [Epub ahead of print] PMID: 24598886.
33. Cornelius ME, Driezen P, Fong GT, Chaloupka FJ, **Hyland A**, Bansal-Travers M, Carpenter MJ, Cummings KM. Trends in the use of premium and discount cigarette brands: findings from the ITC US Surveys (2002-2011). *Tobacco Control* 2014; 23 Suppl 1:i48-i53.

34. Covey TJ, Shucard JL, **Violanti JM**, Lee J, Shucard DW. The effects of exposure to traumatic stressors on inhibitory control in police officers: A dense electrode array study using a Go/NoGo continuous performance task. *International Journal of Psychophysiology* 2013; 87:363-375.
35. Crandall CJ, Larson J, Gourlay ML, Donaldson MG, Lacroix A, Cauley JA, **Wactawski-Wende J**, Gass ML, Robbins JA, Watts NB, Ensrud KE. Osteoporosis screening in postmenopausal women 50-64 years-old: Comparison of U.S. Preventive Services Task Force Strategy and Two Traditional Strategies in the Women's Health Initiative. *Journal of Bone and Mineral Research* 2014; Jan 16. Epub ahead of print PMID: 24431262.
36. Delmerico J, Celestino P, Cummings KM, **Reid ME**, **Hyland A**. Patient willingness and barriers to receiving a CT scan for lung cancer screening. *Lung Cancer* 2014 Jun; 84(3):307-309. doi: 10.1016/j.lungcan.2014.03.003. Epub 2014 Mar 13.
37. Demerath EW, Liu CT, Franceschini N, Chen G, Palmer JR, Smith EN, Chen CT, **Ambrosone CB**, Arnold AM, Bandera EV, Berenson GS, Bernstein L, Britton A, Cappola AR, Carlson CS, Chanock SJ, Chen W, Chen Z, Deming SL, Elks CE, Evans MK, Gajdos Z, Henderson BE, Hu JJ, Ingles S, John EM, Kerr KF, Kolonel LN, Le Marchand L, Lu X, Millikan RC, Musani SK, Nock NL, North K, Nyante S, Press MF, Rodriguez-Gil JL, Ruiz-Narvaez EA, Schork NJ, Srinivasan SR, Woods NF, Zheng W, Ziegler RG, Zonderman A, Heiss G, Gwen Windham B, Wellons M, Murray SS, Nalls M, Pastinen T, Rajkovic A, Hirschhorn J, Adrienne Cupples L, Kooperberg C, Murabito JM, Haiman CA. Genome-wide association study of age at menarche in African-American women. *Human Molecular Genetics* 2013; 22(16):3329-46. PMCID: PMC3723312.
38. Desai P, Chlebowski R, Cauley JA, Manson JE, Wu C, Martin LW, Jay A, Bock C, Cote M, Petrucelli N, Rosenberg CA, Peters U, Agalliu I, Budrys N, Lane D, Luo J, Park HL, Thomas F, Abdul-Hussein M, **Wactawski-Wende J**, Simon MS. Prospective analysis of statins and risk of breast cancer in the WHI cohort. *Cancer Epidemiology, Biomarkers and Prevention* 2013; 22(10):1868-76. Epub 2013 Aug 23. PMID: 23975947.
39. **Dobson Amato KA**, Rivard C, Lipsher J, **Hyland A**. Five years after the Hawaii smoke-free law: tourism and hospitality economic indicators appear unharmed. *Hawaii J Med Public Health*. 2013 Oct; 72(10):355-61.
40. **Donahue RP**, Stranges S, Rafalson L, Dmochowski J, Dorn J, Trevisan M. Risk factors for prehypertension in the Community: A prospective analysis from the Western New York Health Study. *Nutrition, Metabolism and Cardiovascular Disease* 2014; 24:162-67.
41. Dreifelbis R, Winch PJ, Leontsini E, Hulland KR, **Ram PK**, Unicomb L, Luby SP. The integrated behavioural model for water, sanitation, and hygiene: a systematic review of behavioural models and a framework for designing and evaluating behaviour change interventions in infrastructure-restricted settings. *BMC Public Health*. 2013 Oct 26; 13: 1015.
42. Du W, Su C, Wang H, Wang Z, **Wang Y**, Zhang B. Is density of neighborhood restaurants associated with BMI in rural Chinese adults? A longitudinal study from the China Health and Nutrition Survey. *British Medical Journal* 2014; 4(4):e004528.
43. Epstein J, **Dobson Amato KA**, **Reid ME**. Automated tobacco assessment and cessation support for cancer patients. *Cancer* 2013.
44. Espeland MA, Shumaker SA, Leng I, Manson JE, Brown CM, Leblanc ES, Vaughan L, Robinson J, Rapp SR, Goveas JS, Lane D, **Wactawski-Wende J**, Stefanick ML, Li W, Resnick SM; for the WHIMSY Study Group. Long-term effects on cognitive function of postmenopausal hormone therapy prescribed to women aged 50 to 55 years. *Journal American Medical Association Internal Medicine* 2013; 24:1-8. PMID:23797469.

45. Fallah-Fini S, Rahmandad H, Chen HJ, **Xue H, Wang Y**. Connecting micro dynamics and population distributions in system dynamics models. *System Dynamics Review* 2013; 29(4):197-215.
46. Fekedulegn D, Burchfiel CM, Hartley TA, Baughman P, Charles LE, Andrew ME, **Violanti JM**. Work hours and absenteeism among police officers. *International Journal of Mental Health and Human Resilience* 2014; 15:267-276.
47. Feng Y, Stram DO, Rhie SK, Millikan RC, **Ambrosone CB**, John EM, Bernstein L, Zheng W, Olshan AF, Hu JJ, Ziegler RG, Nyante S, Bandera EV, Ingles SA, Press MF, Deming SL, Rodriguez-Gil JL, Palmer JR, Olopade OI, Huo D, Adebamowo CA, Oqundiran T, Chen GK, Stram A, Park K, Rand KA, Chanock SJ, Le Marchand L, Kolonel LN, Conti DV, Easton D, Henderson BE, Haiman CA. A comprehensive examination of breast cancer risk loci in African American women. *Human Molecular Genetics* 2014; May 22. pii: ddu252. [Epub ahead of print] PMID: 24852375.
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49. Filiberto AC, Mumford SL, Pollack AZ, Zhang C, Yeung EH, Schliep KC, Perkins NJ, **Wactawski-Wende J**, Schisterman EF. Usual dietary isoflavone intake and reproductive function across the menstrual cycle. *Fertility and Sterility* 2013; 100(6):1727-34. Epub 2013 Aug 31. PMID: 23998910.
50. Fix BV, **Hyland A, O'Connor RJ**, Cummings KM, Fong GT, Chaloupka Fj, **Licht AS**. A novel approach to estimating the prevalence of untaxed cigarettes in the USA: findings from the 2009 and 2010 international tobacco control surveys. *Tobacco Control* 2014; 23 Suppl 1:i61-i66.
51. Fix BV, **O'Connor RJ**, Vogl L, Smith D, Bansal-Travers M, Conway KP, Ambrose B, Yang L, **Hyland A**. Patterns and correlates of polytobacco use in the United States over a decade: NSDUH 2002-2011. *Addictive Behavior* 2014; 39(4):768-81.
52. Ge Y, Gong Z, **Olson JR**, Xu P, Buck MJ and **Ren X**. Inhibition of monomethylarsonous acid (MMAIII)-induced cell malignant transformation through restoring dysregulated histone acetylation. *Toxicology* 2013; 4:312C:30-35. doi: 10.1016/j.tox.
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54. George SM, Ballard-Barbash R, Shikany J, Caan BJ, **Freudenheim JL**, Kroenke CH, Vitolins MZ, Beresford SA, Neuhauser ML. Better postdiagnosis diet quality is associated with reduced risk of death among postmenopausal women with invasive breast cancer in the Women's Health Initiative. *Cancer, Epidemiology and Biomarkers Prevention* 2014; 23:575-83.
55. Gong Z, **Ambrosone CB**, McCann SE, Zirpoli G, Chandran U, Hong CC, Bovbjerg DH, Jandorf L, Ciupak G, Pawlish K, Lu Q, Hwang H, Khoury T, Bshara W, Bandera EV. Associations of dietary folate, vitamin B6, B12 and methionine intake with risk of breast cancer among African American (AA) and European American (EA) women. *International Journal of Cancer* 2014 Mar 15; 134(6):1422-1435. Epub 2013 Sep 30. PMID: 23996837

56. Gong Z, **Ambrosone CB**, **McCann SE**, **Zirpoli G**, Chandran U, Hong CC, Bovbjerg DH, Jandorf L, Ciupak G, Pawlish K, Lu Q, Hwang H, Khoury T, Bshara W, Bandera EV. Associations of dietary folate, vitamin B6, B12 and methionine intake with risk of breast cancer among African American (AA) and European American (EA) women. *International Journal of Cancer* 2014; 134(6):1422-1435. Epub 2013 Sep 30. PMID: 23996837.
57. Gong Z, Quan L, Yao S, **Zirpoli G**, Bandera EV, **Roberts M**, Coignet J-G, Cabasag C, Sucheston L, Hwang H, Ciupak G, Davis W, Pawlish K, Jandorf L, Bovbjerg DH, **Ambrosone CB**, Hong CC. Innate Immunity Pathways and Breast Cancer Risk in African American and European-American Women in the Women's Circle of Health Study (WCHS). *PLoS One* 2013; 8(8):e72619. Doi: 10.1371/journal.pone.0072619. PMCID: PMC3749137.
58. Goodman D, Park HL, Stefanick ML, LeBlanc E, Bea J, Qi L, Kapphahn K, **LaMonte MJ**, Manini T, Desai M, Anton-Culver H. Relation between self-recalled childhood physical activity and adult physical activity: the Women's Health Initiative. *Open Journal of Epidemiology* 2013; 3:224-231.
59. Graff M, Fernández-Rhodes L, Liu S, Carlson C, Wassertheil-Smoller S, Neuhaus M, Reiner A, Kooperberg C, Rumpert-Kordecki E, Manson JE, Kuller L, Howard BV, **Ochs-Balcom HM**, Johnson KC, Vitolins MZ, Sucheston L, Monda K, North KE. Generalization of adiposity genetic loci to U.S. Hispanic women. *Nutrition and Diabetes* 2013; 3, e85; doi:10.1038/nutd.2013.26. PMCID: PMC3759132.
60. Greenlee H, Kwan ML, Ergas IJ, Strizich G, Roh JM, Wilson AT, Lee M, Sherman KJ, **Ambrosone CB**, Hershman DL, Neugut AI, Kushi LH. Changes in vitamin and mineral supplement use after breast cancer diagnosis in the pathways study: a prospective cohort study. *BMC Cancer* 2014; 14(1):382 [Epub ahead of print] PMID: 24884705.
61. Gu JK, Charles LE, Bang KM, Ma CC, Andrew ME, **Violanti JM**, Burchfiel CM Prevalence of obesity by occupation among U.S. workers: The National Health Interview Survey 2004-2011. *Journal of Occupational Medicine* 2014; 56, 5:516-528.
62. Gurley E, Homaira N, Salje H, **Ram PK**, Haque R, Petri Jr WA, Bresee J, Luby SP, Azziz-Baumgartner E. Indoor exposure to particulate matter and the incidence of acute lower respiratory infections among children: A birth cohort study in urban Bangladesh. *Indoor Air* 2013; 23(5):379-86.
63. Gurley E, Salje H, Homaira N, **Ram PK**, Haque R, Petri W, Bresee J, Moss W, Luby SP, Breyse P, Azziz-Baumgartner E. Indoor exposure to particulate matter and age at first acute lower respiratory infection in a low-income, urban community in Bangladesh. *American Journal of Epidemiology* 2014 Apr 15; 179(8):967-73.
64. Gustafson HL, Yao S, Goldman BH, Lee K, Spier CM, LeBlanc ML, Rimsza LM, Cerhan JR, Habermann TM, Link BK, Maurer MJ, Slager SL, Persky DO, Miller TP, Fisher RI, **Ambrosone CB**, Briehl MM. Genetic polymorphisms in oxidative stress-related genes are associated with outcomes following treatment for aggressive B-cell non-Hodgkin lymphoma. *American Journal of Hematology* 2014; 89(6):639-45. doi:1002/ajh.23709. Epub 2014 Apr 12. PMID: 24633940.
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68. Haring B, Leng X, Robinson J, Johnson KC, Jackson RD, Beyth R, **Wactawski-Wende J**, von Ballmoos MW, Goveas JS, Kuller LH, Wassertheil-Smoller S. Cardiovascular disease and cognitive decline in postmenopausal women: Results from the Women's Health Initiative Memory Study. *Journal American Heart Association* 2013; 18;2(6):e000369. PMID: 24351701.
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