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Education

1983 PhD Epidemiology, University of Pennsylvania, Philadelphia, Pennsylvania
1982 MS Epidemiology, University of Pennsylvania, Philadelphia, Pennsylvania
1976-1977 Graduate coursework, Epidemiology, Johns Hopkins School of Hygiene and Public Health, Baltimore, Maryland
1973 B.A. Biology, State University of New York at Buffalo, Buffalo, New York

Litigation experience

Greg Adkisson v. Jacobs Engineering Group, Inc. Case number is 21-5801 (6th Cir. 2022). Provided expert opinion on health effects of exposures to toxins in coal ash. Case review from epidemiologic perspective.

Reference: Louis W. Ringger, III (Billy), Partner, Davis, Johnston and Ringger, PC,
bringger@enviroattorney.com, 828-622-0044

Philips Recalled CPAP, Bi-Level PAP, and Mechanical Ventilator Products Litigation, MDL No. 3014, U.S. Dist. Ct. (W.D. Pa.). Critical review of defense consultants risk assessment documents, expert report concerning genotoxicity and cytotoxicity of compounds at issue in the litigation, critical review of review defense experts reports on epidemiologic studies related to CPAP exposures. **Reference: Troy Bouk, Shareholder, Levin Papantonio Rafferty, tbouk@levinlaw.com, 850-435-7000.**

Honors and Awards

External reviewer, Evidence Synthesis and Evaluation Branch, International Agency for Research on Cancer, January 2024.

Distinguished Lecture Award, Occupational and Environmental Epidemiology Branch, National Cancer Institute, Title: Overview of World Trade Center Exposures and Cancer Studies. April 18, 2023

Calum S. Muir Memorial Award for enduring dedication to excellence in cancer surveillance, research, and cancer registration and generous contributions of service and leadership to the North American Association of Central Cancer Registries (NAACCR) community. (2012)

USPHS Meritorious Service Medal "in recognition of a notable career" (1981-2002) at the National Institute for Occupational Safety and Health, for "conducting groundbreaking research and providing leadership to major epidemiologic studies." (2004)

Professional Service

Chair, Human Studies Subgroup, International Agency for Research on Cancer (IARC) Working Group to develop Volume IARC Monographs on the Identification of Carcinogenic Hazards to Humans Volume 131: Cobalt Metal (without Tungsten Carbide or Other Metal Alloys) and Cobalt (II) Salts, Trivalent and Pentavalent Antimony, and Weapons-grade Tungsten (with Nickel and Cobalt) Alloy Lyon, France, 2–18 March 2022.

Chair, International Agency for Research on Cancer (IARC) Working Group to develop Volume 124, Shift Work involving Night Work, Lyon, France, June 4–11, 2019.

Member, Advisory Group to Recommend Priorities for IARC Monographs during 2015–2019, Lyon, France, April 7–9, 2014.

Chair, World Trade Center Health Program Scientific and Technical Advisory Committee, 2011–present; current appointment through September 30, 2025.

Member, National Cancer Institute's (NCI) Board of Scientific Counselors for Clinical Sciences and Epidemiology, 2009–2014.

Member, International Agency for Research on Cancer (IARC) Advisory Group to Recommend Priorities for IARC Monographs during 2015–2019, Lyon, France, April 7–9, 2014.

Member, International Agency for Research on Cancer (IARC) Working Group to develop Volume 100, Metals, Particles and Fibres of the IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Lyon, France, March 16–24, 2009.

Member, International Agency for Research on Cancer (IARC) Advisory Group to Recommend Priorities for IARC Monographs during 2010–2014, Lyon, France, June 17–20, 2008.

Member, International Agency for Research on Cancer (IARC) Working Group to Develop IARC Monographs Volume 97 on 1,3-Butadiene, Ethylene Oxide and Vinyl Halides (Vinyl Fluoride, Vinyl Chloride and Vinyl Bromide), Lyon, France, June 5–12, 2007.

Member, The International Agency for Research on Cancer (IARC) Working Group to plan Volume 100 of the IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Lyon, France, September 6–8, 2006.

Participant, The International Programme on Chemical Safety (IPCS) Review of the Concise International Chemical Assessment Document (CICAD) on Tetrachloroethene, Monks Wood, England, April 25–27, 2005.

Member of International Program for Chemical Safety Task Group on Environmental Health Criteria for Vinyl Chloride. Hanover, Germany. January 25–29, 1999.

Member of IARC Secretariat, IARC Working Group on the Evaluation of Carcinogenic Risk to Humans: Volume 73 - Evaluation or Re-Evaluation of Some Agents which Target Specific Organs in Rodents. Lyon, France. October 13–20, 1998.

Member of IARC Secretariat: Advisory Working Group for Priorities for Future IARC Monographs. Lyon, France. September 16–18, 1998.

Professional Society Memberships

2013–2016 American Association for Cancer Research
2002–2013 Society for Epidemiologic Research
2002–2013 American Public Health Association
2002–2021 North American Association of Central Cancer Registries (NAACCR)page break

Journal Reviewer

CA A Journal for Clinicians, Cancer Causes and Control, Cancer Epidemiology Biomarkers and Prevention, American Journal of Industrial Medicine, Journal of the American Medical Association, Journal of the National Cancer Institute, Cancer, International Journal of Cancer, British Journal of Industrial Medicine

Employment History

Consultant, North American Association of Central Cancer Registries: March 2017 to June, 2021 2050 W. Iles Ave, Suite A Springfield, IL 62704-4194

Senior Vice President, Intramural Research: September 2010 to November 2016
American Cancer Society, Corporate Center
250 Williams St. NW, Atlanta, GA 30303

Managing Director and Vice President, Surveillance & Health Policy Research: March 2002 to Sept. 2010
American Cancer Society, Corporate Center
250 Williams St. NW, Atlanta, GA 30303

Chief, Industrywide Studies Branch, Division of Surveillance, Hazard Evaluations and Field Studies (DSHEFS): June 1995 to March 2002
National Institute for Occupational Safety and Health (NIOSH) Centers
for Disease Control and Prevention (CDC)
4676 Columbia Parkway, Cincinnati, Ohio 45226

Epidemiologist/Section Chief, Industrywide Studies Branch, DSHEFS: July 1983 to June 1995
National Institute for Occupational Safety and Health (NIOSH)
Centers for Disease Control and Prevention (CDC)
4676 Columbia Pkwy, Cincinnati, Ohio 45226

Visiting Scientist, Environmental and Occupational Cancer: Aug. 1988 to Aug. 1989
International Agency for Research on Cancer (IARC), World Health Organization
150 cours Albert Thomas, 69372 Lyon Cedex 08, Lyon, France

Epidemic Intelligence Service Officer, Industrywide Studies Branch, DSHEFS: July 1981 to July 1983
National Institute for Occupational Safety and Health (NIOSH)
Centers for Disease Control and Prevention (CDC)
4676 Columbia Pkwy, Cincinnati, Ohio 45226

Recent Book Chapters

Ward, EM. Occupational and Environmental Carcinogens. In: *The American Cancer Society's Principles of*

Oncology: Prevention to Survivorship. Wiley Online Library, 2017 <https://doi.org/10.1002/9781119468868.ch8>

Ward EM. Cancer. In: *Occupational and Environmental Health: Recognizing and Preventing Disease and Injury*, 7th ed. Levy BS, Wegman D, Baron S, Skokas R, eds. Oxford University Press, 2017
<https://global.oup.com/academic/product/occupational-and-environmental-health-9780190662677>

Ward EM. Cancer Risk Post 9/11. In: *World Trade Center Pulmonary Diseases and Multi-Organ System Manifestations*, 2017. Springer Nature, Chennai, India. <https://link.springer.com/book/10.1007/978-3-319-59372-2>

Peer-Reviewed Publications

K Robin Yabroff¹, Angela Mariotto², Florence Tangka³, Jingxuan Zhao¹, Farhad Islami¹, Hyuna Sung¹, Recinda L Sherman⁴, S Jane Henley³, Ahmedin Jemal¹, Elizabeth M Ward⁴ Annual Report to the Nation on the Status of Cancer, Part 2: Patient Economic Burden Associated With Cancer Care J Natl Cancer Inst. 2021 Oct 26;djab192. doi: 10.1093/jnci/djab192. Online ahead of print.

Islami F, Ward EM, Sung H, Cronin KA, Tangka FKL, Sherman RL, Zhao J, Anderson RN, Henley SJ, Yabroff KR, Jemal A, Benard VB Annual Report to the Nation on the Status of Cancer, Part 1: National Cancer Statistics. J Natl Cancer Inst. 2021 Jul 8;113(12):1648-69. doi: 10.1093/jnci/djab131. Online ahead of print.

S Jane Henley¹, Elizabeth M Ward², Susan Scott³, Jiemin Ma⁴, Robert N Anderson⁵, Albert U Firth⁶, Cheryll C Thomas¹, Farhad Islami⁴, Hannah K Weir¹, Denise Riedel Lewis³, Recinda L Sherman², Manxia Wu¹, Vicki B Benard¹, Lisa C Richardson¹, Ahmedin Jemal⁴, Kathleen Cronin³, Betsy A Kohler². Annual report to the nation on the status of cancer, part I: National cancer statistics. Cancer 2020 May 15;126(10):2225-2249. doi: 10.1002/cncr.32802. Epub 2020 Mar 12

S Jane Henley¹, Cheryll C Thomas¹, Denise Riedel Lewis², Elizabeth M Ward³, Farhad Islami⁴, Manxia Wu¹, Hannah K Weir¹, Susan Scott², Recinda L Sherman³, Jiemin Ma⁴, Betsy A Kohler³, Kathleen Cronin², Ahmedin Jemal⁴, Vicki B Benard¹, Lisa C Richardson¹. Annual report to the nation on the status of cancer, part II: Progress toward Healthy People 2020 objectives for 4 common cancers. Cancer. 2020 May 15;126(10):2250-2266. doi: 10.1002/cncr.32801. Epub 2020 Mar 12.

IARC Monographs Vol 124 group. Collaborators (43) Ward EM, Germolec D, Kogevinas M, McCormick D, Vermeulen R, Anisimov VN, Aronson KJ, Bhatti P, Cocco P, Costa G, Dorman DC, Fu L, Garde AH, Guénel P, Hansen J, Härmä MI, Kawai K, Khizkhin EA, Knutsson A, Lévi F, Moreno CR, Pukkala E, Schernhammer E, Travis R, Waters M, Yakubovskaya M, Zeeb H, Zhu Y, Zienolddiny S, Grosse Y, Hall AL, Benbrahim-Tallaa L, Girschik J, Bouvard V, El Ghissassi F, Turner MC, Diver WR, Herceg Z, Olson N, Rowan EG, Rungay H, Guyton KZ, Schubauer-Berigan MK. Carcinogenicity of night shift work. Lancet Oncol. 2019 Jul 4. pii: S1470-2045(19)30455-3. doi: 10.1016/S1470-2045(19)30455-3.

Ward E¹, Sherman RL², Henley SJ³, Jemal A⁴, Siegel DA³, Feuer EJ⁵, Firth AU⁶, Kohler BA², Scott S⁵, Ma J⁴, Anderson RN⁷, Benard V³, Cronin K⁵. Annual Report to the Nation on the Status of Cancer, 1999-2015,

Featuring Cancer in Men and Women ages 20-49. *J Natl Cancer Inst.* 2019 May 30. pii: djz106. doi: 10.1093/jnci/djz106. [

Smith TG¹, Troeschel AN¹, Castro KM², Arora NK³, Stein K^{4,5}, Lipscomb J⁴, Brawley OW¹, McCabe RM⁶, Clauser SB³, Ward E¹. Perceptions of Patients With Breast and Colon Cancer of the Management of Cancer-Related Pain, Fatigue, and Emotional Distress in Community Oncology. *J Clin Oncol.* 2019 Jul 1;37(19):1666-1676. doi: 10.1200/JCO.18.01579.

Han X¹, Yabroff KR¹, Ward E², Brawley OW³, Jemal A¹. Comparison of Insurance Status and Diagnosis Stage Among Patients With Newly Diagnosed Cancer Before vs After Implementation of the Patient Protection and Affordable Care Act. *JAMA Oncol.* 2018 Dec 1;4(12):1713-1720

Goldstein JS¹, Nastoupil LJ², Han X³, Jemal A³, Ward E³, Flowers CR¹. Disparities in survival by insurance status in follicular lymphoma. *Blood.* 2018 Sep 13;132(11):1159-1166.

Ward EM. Glyphosate Use and Cancer Incidence in the Agricultural Health Study: An Epidemiologic Perspective. *J Natl Cancer Inst.* 2017 Nov 15. doi: 10.1093/jnci/djx247.

Jemal A, Robbins AS, Lin CC, Flanders WD, DeSantis CE, Ward EM, Freedman RA. Factors That Contributed to Black-White Disparities in Survival Among Nonelderly Women With Breast Cancer Between 2004 and 2013. *J Clin Oncol.* 2017 Oct 16;JCO2017737932. doi: 10.1200/JCO.2017.73.7932.

Ma J¹, Siegel RL², Ward EM³, Jemal A². State-level educational disparities in mortality in the United States, 2010-2014. *Prev Med.* 2017 Oct 5. pii: S0091-7435(17)30354-7. doi: 10.1016/j.ypmed.2017.10.004.

Ward EM, Flowers CR, Gansler T, Omer SB, Bednarczyk RA. The importance of immunization in cancer prevention, treatment, and survivorship. *CA Cancer J Clin.* 2017 Sep;67(5):398-410.

Jemal A, Ward EM, Johnson CJ, Cronin KA, Ma J, Ryerson B, Mariotto A, Lake AJ, Wilson R, Sherman RL, Anderson RN, Henley SJ, Kohler BA, Penberthy L, Feuer EJ, Weir HK. Annual Report to the Nation on the Status of Cancer, 1975-2014, Featuring Survival.

Sineshaw HM, Jemal A, Lin CC, McGinnis LS, Ward EM. Contemporary Patterns and Survival Outcome of Adjuvant Systemic Therapy for Localized Gastrointestinal Stromal Tumors. *Am J Clin Oncol.* 2017 Aug;40(4):399-404.

Islami F, Miller KD, Siegel RL, Fedewa SA, Ward EM, Jemal A. Disparities in liver cancer occurrence in the United States by race/ethnicity and state. *CA Cancer J Clin.* 2017 Jul 8;67(4):273-289.

Fedewa SA, Ward EM, Brawley O, Jemal A. Recent Patterns of Prostate-Specific Antigen Testing for Prostate Cancer Screening in the United States. *JAMA Intern Med.* 2017 Jul 1;177(7):1040-1042.

Gansler T, Fedewa SA, Lin CC, Amin MB, Jemal A, Ward EM. Trends in Diagnosis of Gleason Score 2 Through 4 Prostate Cancer in the National Cancer Database, 1990-2013. *Arch Pathol Lab Med.* 2017 May 30. doi: 10.5858/arpa.2016-0611-OA. [Epub ahead of print]

Torre LA, Islami F, Siegel RL, Ward EM, Jemal A. Global Cancer in Women: Burden and Trends. *Cancer Epidemiol Biomarkers Prev.* 2017 Apr;26(4):444-457.

Islami F, Torre LA, Drope JM, Ward EM, Jemal A. Global Cancer in Women: Cancer Control Priorities. *Cancer Epidemiol Biomarkers Prev*. 2017 Apr;26(4):458-470.

Gansler T, Fedewa SA, Lin CC, Jemal A, Ward EM. Variations in cancer centers' use of cytology for the diagnosis of unresectable pancreatic cancer in the National Cancer Data Base. *Cancer*. 2016 Nov;124(11):791-800.

Lin CC, Virgo KS, Robbins AS, Jemal A, Ward EM. Comparison of Comorbid Medical Conditions in the National Cancer Database and the SEER-Medicare Database. *Ann Surg Oncol*. 2016 Dec;23(13):4139-4148.

Cohen JB, Han X, Jemal A, Ward EM, Flowers CR. Deferred therapy is associated with improved overall survival in patients with newly diagnosed mantle cell lymphoma. *Cancer*. 2016 Aug 1;122(15):2356-63

Byers T, Wender RC, Jemal A, Baskies AM, Ward EE, Brawley OW. The American Cancer Society challenge goal to reduce US cancer mortality by 50% between 1990 and 2015: Results and reflections. *CA Cancer J Clin*. 2016;66(5):359-369

Fedewa SA, de Moor JS, Ward EM, et al. Mammography Use and Physician Recommendation After the 2009 U.S. Preventive Services Task Force Breast Cancer Screening Recommendations. *Am J Prev Med*. 2016;50(5):e123-131

Freedman RA, Fedewa SA, Punglia RS, Lin CC, Ward EM, Jemal A, Sineshaw HM. Factors associated with radiation therapy incompleteness for patients with early-stage breast cancer. *Breast Cancer Res Treat*. 2016;155(1):187-199.

Gansler T, Fedewa SA, Lin CC, Jemal A, Ward EM. Variations in cancer centers' use of cytology for the diagnosis of small cell lung carcinoma in the National Cancer Data Base. *Cancer Cytopathol*. 2016;124(1):44-52.

Han X, Jemal A, Hulland E, et al. HIV infection and survival of lymphoma patients in the era of highly active antiretroviral therapy. *Cancer Epidemiol Biomarkers Prev*. 2016 [Epub ahead of print].

Kitahara CM, McCullough ML, Franceschi S, et al. Anthropometric Factors and Thyroid Cancer Risk by Histological Subtype: Pooled Analysis of 22 Prospective Studies. *Thyroid*. 2016;26(2):306-318.

Jemal A, Ma J, Siegel R, Fedewa S, Brawley O, Ward EM. Prostate Cancer Incidence Rates 2 Years After the US Preventive Services Task Force Recommendations Against Screening. *JAMA Oncol*. 2016.

Fedewa SA, Ma J, Sauer AG, et al. How many individuals will need to be screened to increase colorectal cancer screening prevalence to 80% by 2018? *Cancer*. 2015;121(23):4258-4265.

Islami F, Lortet-Tieulent J, Okello C, et al. Tumor size and stage of breast cancer in Cote d'Ivoire and Republic of Congo - Results from population-based cancer registries. *Breast*. 2015;24(6):713-717.

Islami F, Ward EM, Jacobs EJ, et al. Potentially preventable premature lung cancer deaths in the USA if overall population rates were reduced to those of educated whites in lower-risk states. *Cancer Causes Control*. 2015;26(3):409-418.

Jemal A, Fedewa SA, Ma J, Siegel R, Lin CC, Brawley O, Ward EM. Prostate Cancer Incidence and PSA Testing Patterns in Relation to USPSTF Screening Recommendations. *JAMA*. 2015;314(19):2054-2061.

Jemal A, Siegel RL, Ma J, Islami F, DeSantis C, Goding Sauer A, Simard EP, Ward EM. Inequalities in premature death from colorectal cancer by state. *J Clin Oncol*. 2015;33(8):829-835.

Lerro CC, Robbins AS, Fedewa SA, Ward EM. Disparities in stage at diagnosis among adults with testicular germ cell tumors in the National Cancer Data Base. *Urol Oncol*. 2014;32(1):23 e15-21.

Lin CC, Virgo KS, Robbins AS, Jemal A, Ward EM. Comparison of Comorbid Medical Conditions in the National Cancer Database and the SEER-Medicare Database. *Ann Surg Oncol*. 2016;23(13):4139-4148.

Ma J, Ward EM, Siegel RL, Jemal A. Temporal Trends in Mortality in the United States, 1969-2013. *JAMA*. 2015;314(16):1731-1739.

Robbins AS, Han X, Ward EM, Simard EP, Zheng Z, Jemal A. Association Between the Affordable Care Act Dependent Coverage Expansion and Cervical Cancer Stage and Treatment in Young Women. *JAMA*. 2015;314(20):2189-2191.

Siegel RL, Sahar L, Portier KM, Ward EM, Jemal A. Cancer death rates in US congressional districts. *CA Cancer J Clin*. 2015;65(5):339-344.

Sineshaw HM, Freedman RA, Ward EM, Flanders WD, Jemal A. Black/White Disparities in Receipt of Treatment and Survival Among Men With Early-Stage Breast Cancer. *J Clin Oncol*. 2015;33(21):2337-2344.

Sineshaw HM, Gaudet M, Ward EM, et al. Association of race/ethnicity, socioeconomic status, and breast cancer subtypes in the National Cancer Data Base (2010-2011). *Breast Cancer Res Treat*. 2014;145(3):753-763.

Sineshaw HM, Jemal A, Lin CC, McGinnis LS, Ward EM. Contemporary Patterns and Survival Outcome of Adjuvant Systemic Therapy for Localized Gastrointestinal Stromal Tumors. *Am J Clin Oncol*. 2015.

Teras LR, Diver WR, Turner MC, et al. Residential radon exposure and risk of incident hematologic malignancies in the Cancer Prevention Study-II Nutrition Cohort. *Environ Res*. 2016;148:46-54.

Torre LA, Siegel RL, Ward EM, Jemal A. Global Cancer Incidence and Mortality Rates and Trends--An Update. *Cancer Epidemiol Biomarkers Prev*. 2016;25(1):16-27.

Ward E, DeSantis C, Robbins A, Kohler B, Jemal A. Childhood and adolescent cancer statistics, 2014. *CA Cancer J Clin*. 2014;64(2):83-103.

Torre LA, Siegel RL, Ward EM, Jemal A. International variation in lung cancer mortality rates and trends among women. *Cancer Epidemiol Biomarkers Prev*. 2014;23(6):1025-1036.

Ward EM, DeSantis CE, Lin CC, et al. Cancer statistics: Breast cancer in situ. *CA Cancer J Clin*. 2015;65(6):481-495.

Edwards BK, Noone AM, Mariotto AB, Simard EP, Boscoe FP, Henley SJ, Jemal A, Cho H, Anderson RN, Kohler BA, Ehemann CR, Ward EM. Annual Report to the Nation on the status of cancer, 1975-2010, featuring

prevalence of comorbidity and impact on survival among persons with lung, colorectal, breast, or prostate cancer. *Cancer*. 2014;120(9):1290-1314.

Steenland K, Ward E. Silica: a lung carcinogen. *CA Cancer J Clin*. 2014;64(1):63-69.

Han X, Jemal A, Flowers CR, Sineshaw H, Nastoupil LJ, Ward E. Insurance status is related to diffuse large B-cell lymphoma survival. *Cancer*. 2014;120(8):1220-1227.

Ma J, Ward EM, Smith R, Jemal A. Annual number of lung cancer deaths potentially avertable by screening in the United States. *Cancer*;119(7):1381-5, 2013.

Lerro CC, Robbins AS, Fedewa SA, Ward EM. Disparities in stage at diagnosis among adults with testicular cancer in the National Cancer Database. *Urol Oncol*; 32(1):23.e15-21,2013.]

Ma J, Jemal A, Flanders WD, Ward EM. Joint association of adiposity and smoking with mortality among U.S. adults. *Prev Med*; 56:178-84, 2013.

Flowers CR, Fedewa SA, Chen AY, Nastoupil LJ, Lipscomb J, Brawley OW, Ward EM. Disparities in the early adoption of chemoimmunotherapy for diffuse large B-cell lymphoma in the United States. *Cancer Epidemiol Biomarkers Prev*;21(9):1520-30, 2012.

Fedewa SA, Cokkinides V, Virgo KS, Bandi P, Saslow D, Ward EM. Association of insurance status and age with cervical cancer stage at diagnosis: National Cancer Database, 2000-2007. *Am J Public Health*; 102(9):1782-90, 2012.

Siegel R, DeSantis C, Virgo K, Stein K, Mariotto A, Smith T, Cooper D, Gansler T, Lerro C, Fedewa S, Lin C, Leach C, Spillers Cannady R, Cho H, Scoppa S, Hachey M, Kirch R, Jemal A and Ward E. Cancer Treatment and Survivorship Facts and Figures, 2012. *CA Cancer J Clin*;62:220-241, 2012.

Gansler T, Fedewa SA, Flanders D, Virgo KS, Ward EM. "Lumping" vs "splitting" in oncologic pathology: association with cancer center type and case volume. *J Registry Manag*. 39(2):43-52, 2012.

Simard EP, Ward EM, Siegel R, Jemal A. Cancers with increasing incidence trends in the United States: 1999 through 2008. *CA Cancer J Clin*; 62:118-128, 2012.

Siegel RL, Ward EM, Jemal A. Trends in colorectal cancer incidence rates in the United States by tumor location and stage, 1992-2008. *Cancer Epidemiol Biomarkers Prev*;21(3):411-6, 2012.

Bandi P, Cokkinides VE, Virgo KS, Ward EM. The receipt and utilization of effective clinical smoking cessation services in subgroups of the insured and uninsured populations in the USA. *J Behav Health Serv Res*; 39(2):202-13. 2012.

Ma J, Flanders WD, Ward EM, Jemal A. Body mass index in young adulthood and premature death: analyses of the US National Health Interview Survey linked mortality files. *Am J Epidemiol*;174(8):934-44, 2011.

Virgo KS, Little AG, Fedewa SA, Chen AY, Flanders WD, Ward EM. Safety-net burden hospitals and likelihood of curative-intent surgery for non-small cell lung cancer. *J Am Coll Surg*;3(5):633-43, 2011.

Jemal A, Thun M, Yu XQ, Hartman AM, Cokkinides V, Center MM, Ross H, Ward EM. Changes in smoking prevalence among U.S. adults by state and region: Estimates from the Tobacco Use Supplement to the Current Population Survey, 1992-2007. *BMC Public Health*;29(11):512, 2011.

Fedewa SA, Lerro C, Chase D, Ward EM. Insurance status and racial differences in uterine cancer survival: a study of patients in the National Cancer Database. *Gynecol Oncol*. Jul;122(1):63-8, 2011.

Robbins AS, Cox DD, Johnson LB, Ward EM. Persistent disparities in liver transplantation for patients with hepatocellular carcinoma in the United States, 1998 through 2007. *Cancer*;117(19):4531-9, 2011.

Fedeli U, Fedewa SA, Ward EM. Treatment of muscle-invasive bladder cancer: evidence from the National Cancer Database, 2003-2007. *Journal of Urology*;185(1):72-8, 2011.

Jemal A, Bray F, Center MM, Ferlay J, Ward E, Forman D. Global Cancer Statistics. *CA Cancer J Clin* 61:69-90, 2011

Eheman C, Henley SJ, Ballard-Barbash R, Jacobs EJ, Schymura MJ, Noone AM, Pan L, Anderson RN, Fulton JE, Kohler BA, Jemal A, Ward E, Plescia M, Ries LA, Edwards BK. Annual Report to the Nation on the status of cancer, 1975-2008, featuring cancers associated with excess weight and lack of sufficient physical activity. *Cancer*;118(9):2338-66, 2012.

Fedewa SA, Edge SB, Stewart AK, Halpern MT, Marlow NM, Ward EM. Race and ethnicity are associated with delays in breast cancer treatment (2003-2006). *Journal of Health Care for the Poor and Underserved*;22(1):128-41, 2011.

Siegel R, Ward E, Brawley O, Jemal A. Cancer statistics, 2011: The impact of eliminating socioeconomic and racial disparities on premature cancer deaths. *CA Cancer J Clin*. 61;212-36, 2011.

Kohler BA, Ward E, McCarthy BJ, Schymura MJ, Ries LA, Eheman C, Jemal A, Anderson RN, Ajani UA, Edwards BK. Annual report to the nation on the status of cancer, 1975-2007, featuring tumors of the brain and other nervous system. *J Natl Cancer Inst*;103(9):714-36. 2011.

Virgo KS, Burkhardt LA, Cokkinides VE, Ward EM. The impact of health care reform legislation on uninsured and Medicaid-insured cancer patients. *The Cancer Journal: The Journal of Principles & Practice of Oncology*. . 16(6):577-83. 2010.

Ward EM, Fedewa SA, Cokkinides VE, Virgo KS. The association of insurance and stage at diagnosis among patients aged 55-74 in the National Cancer Database. *The Cancer Journal: The Journal of Principles & Practice of Oncology*. 16(6):614-21. 2010.

Fedewa SA, Etzioni R, Jemal A, Flanders WD, Ward EM. Association of insurance and race/ethnicity with disease severity among men diagnosed with prostate cancer, National Cancer Database 2004-2006. *Cancer Epidemiology Biomarkers and Prevention*. 19(10): 2437-44. 2010.

Freedman RA, Virgo KS, He Y, Pavluck AL, Winer EP, Ward EM, Keating NL. The Association of Race/Ethnicity, Insurance Status, and Socioeconomic Factors with Breast Cancer Care Cancer. *Cancer*. 117(1): 180-9. 2010.

Cokkinides V, Bandi P, Weinstock M, Ward EM. Use of sunless tanning products among US adolescents. *Archives of Dermatology*. 146(9):987-92. 2009.

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Ward EM, Smith RA. Integrating tools for breast cancer risk assessment, risk reduction and early detection. *Cancer Epidemiol Biomarkers Prev* 19:2428-9, 2010.

Jemal A, Center MM, DeSantis C, Ward EM. Global patterns of cancer incidence and mortality rates and trends. *Cancer Epid Biomarkers Prev*. 19(8):1893-907. 2010.

Jemal A, Siegel R, Xu J, Ward EM. Cancer Statistics, 2010. *CA Cancer J Clin*. 60:277-300. 2010.

Bhatti P, Yong LC, Doody MM, Preston DL, Kampa DM, Ramsey MJ, Ward EM, Edwards AA, Ron E, Tucker JD, Sigurdson AJ. Diagnostic X-ray examinations and increased chromosome translocations: evidence from three studies. *Radiation and Environmental Biophysics*. 49(4): 685-92. 2010.

Chen AY, Fedewa SA, Pavluck A, Ward EM. Improved survival is associated with treatment at high volume teaching facilities for patients with advanced stage laryngeal cancer. *Cancer*. 116(20):4744-52. 2010.

Robbins AS, Chen, AY, Stewart A, Staley CA, Virgo, KS, Ward EM. Insurance status and survival disparities among non-elderly rectal cancer patients in the National Cancer Data Base. *Cancer*. 116:4178-86. 2010.

Ward EM, Jemal A, Chen A. Increasing incidence of thyroid cancer: is diagnostic scrutiny the sole explanation? *Future Oncol* 6:185-188. 2010.

Ward EM, Schulte PA, Straif K, Hopf NB, Caldwell JC, Carreón T, et al. Research recommended for selected IARC-Classified agents. *Environmental Health Perspectives*. 118:355-62. 2010.

DeSantis C, Jemal A, Ward EM. Disparities in breast cancer prognosis factors by race, insurance status, and education. *Cancer Causes Control*. 21(9):1445-50. 2010.

Bandi P, Cokkinides V, Weinstock M, Ward EM. Physician sun protection counseling: Prevalence, correlates, and association with sun protection practices among US adolescents and their parents, 2004. *Preventive Medicine*. 51:172-177. 2010.

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