**MARY C. WHITE, ScD**

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Email: whitemaryc@outlook.com

Websites: [www.linkedin.com/in/marycwhite](http://www.linkedin.com/in/marycwhite)

[Google Scholar](https://scholar.google.com/citations?user=fH5F9XAAAAAJ&hl=en&oi=ao)

[www.researchgate.net/profile/Mary\_White7](http://www.researchgate.net/profile/Mary_White7)

<https://twitter.com/Mary_C_White>

**Career Summary**

* Senior Epidemiologist with broad expertise in the study of cancer and other chronic diseases, their causal risk factors, and population strategies for prevention at all ages.
* Scientific leader who has directed the design and implementation of public health. research and the interpretation and communication of research findings, in collaboration with multiple domestic and international partners.
* Strong supervisor with experience as a science manager and mentor to public health professionals with diverse backgrounds and training.
* Published author of well over 100 peer-reviewed articles (h-index = 44) and guest editor for five peer-reviewed supplements in leading professional journals.
* Skilled instructor and consultant in the application of research for public health action.

**Professional Experience**

**Chief, Epidemiology and Applied Research Branch,** Division of Cancer Prevention and Control, Centers for Disease Control and Prevention (CDC), Atlanta, GA, 2002—March 2023

* Led the primary scientific research unit for the cancer prevention and control programs and related activities at CDC. This highly innovative research has addressed the needs of CDC programs and partners, advanced national objectives for cancer prevention and control, and identified priorities for future work in several emerging areas.

**Chief, Health Investigations Branch,** Division of Health Studies, Agency for Toxic Substances and Disease Registry (ATSDR), Atlanta, GA, 1996–2002

**Senior Epidemiologist,** Division of Environmental Hazards and Health Effects, National Center for Environmental Health, CDC, Atlanta, GA, 1989–1996

**Expert-in-Charge,** Project to Improve Welfare Facilities for Women Workers, International Labor Organization, Jakarta, Indonesia, 1987–1988

**Health Science Specialist,** Health Standards Programs, Occupational Safety and Health Administration, U.S. Department of Labor, Washington, DC, 1979–1982

**Education**

Degree Programs:

* **Doctor of Science** (dual program in Epidemiology and Occupational Health), Harvard School of Public Health, Boston, MA, 1986
* **Master of Fine Arts** in Narrative Media Writing, University of Georgia Grady College of Journalism and Mass Communication, Athens, GA (low residency), August 2018
* **Master of Public Health** (Epidemiology), University of Michigan School of Public Health, Ann Arbor, MI, 1979
* **Bachelor of Arts** (double major in Biology and Psychology), University of Rochester, Rochester, NY, 1977

Non-degree Programs:

* **Certificate in Science Writing**, Johns Hopkins University, Advanced Academic Programs (online), completed May 2022
* **Certificate in Public Leadership**, WashU at Brookings, Brookings Institution and Washington University in St. Louis Olin School of Business, completed October 2016
* **Scholar**, CDC/University of California Public Health Leadership Institute, 1999-2000

**Teaching**

Emory University, Rollins School of Public Health, Gangarosa Department of Environmental Health:

* Course Director, Occupational and Environmental Epidemiology (EOH 530), 14 spring semesters spanning 1996 to 2011
* Co-instructor, Capstone Seminar: Skills for Environmental Health Professionals (EH 594), spring semesters, 2020-2023

**Professional Affiliations**

* Guest Researcher, Division of Cancer Prevention and Control, CDC (since April 2023)
* Adjunct Professor, Gangarosa Department of Environmental Health,

Rollins School of Public Health, Emory University (1996-present)

* Member, American Public Health Association
* Emeritus Member, American Association for Cancer Research
* Member, American Society on Aging
* Fellow, American College of Epidemiology

**Selected Awards**

* Department of Health and Human Services Award for Excellence in Management, June 2014, the department’s third highest award, for “contributions to the improvement of HHS and a significant effort in building and maintaining a high quality workforce”
* 2011 Atlanta FEB Employee of the Year Nominee (Outstanding Supervisor)
* Emory Rollins School of Public Health Teaching and Mentoring Community Award, April 2007

**Advisory Committees and Peer Review**

* Strategy Advisor, California Breast Cancer Research Program Initiatives Round 3 (2019-2022)
* Ex officio member of the University of California, San Francisco Technical Expert Panel to develop a radiation quality and safety measure for the Centers for Medicare & Medicaid Services (2019-2022)
* Advisory Committee member for the International Agency for Research on Cancer (IARC) Handbook on Cancer Prevention and for the update to the Preamble for the IARC Monograph Series (2018)
* Ex officio member, Advisory Committee for California’s Comprehensive Breast Cancer Prevention Plan (2017-2019)
* Invited peer reviewer for research grants to Cancer Research UK (2019); Patient-Centered Outcomes Research Institute (2017); California Breast Cancer Research Program (2016)
* Ad-hoc peer reviewer for manuscripts submitted to leading professional journals, including the *American Journal of Public Health*, *American Journal of Preventive Medicine*, *New England Journal of Medicine*, *Journal of the American Medical Association*, among many others (on-going)

**Recent Journal Publications** (for complete list, see[Google Scholar](https://scholar.google.com/citations?user=fH5F9XAAAAAJ&hl=en))

White A, Sabatino SA, **White MC**, Vinson C, Chambers DA, Richardson LC. Twenty years of collaborative research to enhance community practice for cancer prevention and control. *Cancer Causes and Control* 2023 (in press)

Melkonian SC, Crowder J, Adam EE, **White MC**, Peipins LA. Social determinants of cancer risk among American Indian and Alaska Native populations: an evidence review and map. *Health Equity* 2022: 6(1):717-728. <https://www.liebertpub.com/doi/pdf/10.1089/heq.2022.0097>

**White MC,** Weir HK, Soman AV, Peipins LA, Thompson TD. Risk of clear-cell adenocarcinoma of the vagina and cervix among US women with potential exposure to diethylstilbestrol in utero. *Cancer Causes and Control* 2022; 33(8):1121-1124. <https://rdcu.be/c9Zu4>

Adam EE, **White MC,** Shapiro JA. Prevalence of colorectal cancer screening test use by test type and age among older adults in the United States. *Journal of the American Geriatrics Society,* 2022;70(9):2722-2725. <https://doi.org/10.1111/jgs.17890>

Sabatino SA, Thompson TD**, White MC,** Shapiro JA, Clarke T, Croswell JM, Richardson LC. Cancer screening test use – United States, 2019. *American Journal of Preventive Medicine* 2022;63(3):431-439. <https://doi.org/10.1016/j.amepre.2022.02.018>

Adam EE, **White MC,** Saraiya M. US hysterectomy prevalence by age, race and ethnicity from BRFSS and NHIS: implications for analyses of cervical and uterine cancer rates. *Cancer Causes and Control*. 2022; 33:161-166. <https://doii.org/10.1007/s10552-021-01496-0.>

Adam EE, **White MC,** Saraiya M**.** Higher prevalence of hysterectomy among rural women than urban women: Implications for measures of disparities in uterine and cervical cancers, *J Rural Health* 2022 Spring;38(2):416-419. <https://doi.org/10.1111/jrh.12595>

Weir HK, Thompson TD, Stewart SL, **White MC**. Cancer incidence projections in the United States between 2015 and 2050. *Preventing Chronic Disease*. 2021 Jun 10;18:210006. <https://www.cdc.gov/pcd/issues/2021/21_0006.htm>

Melkonian SC, Weir HK, Jim MA, Preikschat B, Haverkamp D, **White MC**. Incidence of and trends in the leading cancers with elevated incidence among American Indian and Alaska Native populations, 2012–2016. *American Journal of Epidemiology*. 2021 Apr;190(4):528-38.

Peipins LA, Dasari S, Rodriguez JL, **White MC**, Hodgson ME, Sandler DP. Employment after breast cancer diagnosis and treatment among women in the Sister and the Two Sister Studies. *J Occup Rehabil*. 2021 (September), 31:543-551, shareable link:<https://rdcu.be/cD6E7>

Turbow SD, **White MC**, Breslau ES, Sabatino SA. Mammography use and breast cancer incidence among older U.S. women. *Breast Cancer Res Treat*. 2021 (July), 188:307-316, doi: 10.1007/s10549-021-06160-4, shareable link: <https://rdcu.be/cD6Fw>

Bowen DJ, Fernandez Poole S, **White M**, Lyn R, Flores DA, Haile HG, Williams DR. The role of stress in breast cancer incidence: risk factors, interventions, and directions for the future. *International Journal of Environmental Research and Public Health*. 2021 Jan;18(4):1871.

Sabatino SA, Thompson TD, **White MC**, Shapiro JA, de Moor J, Doria-Rose VP, Clarke T, Richardson LC. Cancer screening test receipt—United States, 2018. *Morbidity and Mortality Weekly Report*. 2021 Jan 15;70(2):29.

Melkonian SC, Pete D, Jim MA, Haverkamp D, Wiggins CL, Bruce MG, **White MC**. Gastric cancer among American Indian and Alaska Native populations in the United States, 2005–2016. *The American Journal of Gastroenterology*. 2020 Dec 1;115(12):1989-97.

**White MC**, Kavanaugh-Lynch MM, Davis-Patterson S, Buermeyer N. An expanded agenda for the primary prevention of breast cancer: Charting a course for the future. *International Journal of Environmental Research and Public Health*. 2020 Jan;17(3):714.

Richards TB, Dasari S, Sabatino SA, Qin J, Miller JW, **White MC**. Women’s reports of dense breast notification following mammography: findings from the 2015 National Health Interview Survey. *Journal of General Internal Medicine*. 2020 Jan 6:1-3.

White A, Sabatino SA, Vinson C, Chambers D, **White MC**. The Cancer Prevention and Control Research Network (CPCRN): advancing public health and implementation science. *Preventive Medicine*. 2019 Dec 1;129:105824.

Melkonian SC, Jim MA, Haverkamp D, Wiggins CL, McCollum J, **White MC**, Kaur JS, Espey DK. Disparities in cancer incidence and trends among American Indians and Alaska Natives in the United States, 2010–2015. *Cancer Epidemiology and Prevention Biomarkers*. 2019 Oct 1;28(10):1604-11.

**White MC**, Holman DM, Goodman RA, Richardson LC. Cancer risk among older adults: time for cancer prevention to go silver. *The Gerontologist*, 59(S1):S1-S6, 2019.

Yu L, Sabatino SA, **White MC**. Rural–urban and racial/ethnic disparities in invasive cervical cancer incidence in the United States, 2010–2014. *Prev Chronic Dis,* 16:E70, 2019*.*

**Blogs**

* [Celebrate Your Age, It’s Good for Your Health](https://blogs.cdc.gov/cancer/2020/07/28/celebrate-your-age-its-good-for-your-health/), CDC *The Topic is Cancer*, 7/28/2020
* [Tackling Breast Cancer Through Prevention, Not Just Treatment](https://blogs.cdc.gov/cancer/2020/05/21/tackling-breast-cancer-through-prevention-not-just-treatment/), CDC *The Topic is Cancer*, 5/21/2020
* [The Overlooked Link Between Alcohol and Breast Cancer](https://voice.ons.org/news-and-views/the-overlooked-link-between-alcohol-and-breast-cancer), ONS *Voice*, 10/15/2018

**Selected Presentations**

* Invited Speaker, “The Ups and Downs of Cancer Trends: Making Sense of Cancer Statistics,” at the New York Life Insurance Company’s Medical Directors’ Symposium, 11/17/22.
* Invited speaker, “Cancer Prevention and Air Pollution: Public Health Tools and Resources,” at the virtual Cancer and Environment Forum, Session 2, sponsored by Massachusetts General Hospital, 2/16/22.
* Invited speaker, “Cancer Trends: How Are We Doing?” at Cancer and the Environment Symposium: Priorities for Research, Policy and Clinical Practice, Pittsburgh, PA, 1/29/19, available at: <https://www.youtube.com/channel/UCYR0_ohjXfYgA1HWUuW5PQA?view_as=subscriber>
* Invited speaker, “Data to Enhance the Implementation of Evidence-based Interventions in Programs,” at Celebrating 50 Years of Wilson and Jungner: An invitational workshop, London, UK, 6/18/18.
* Invited speaker (60-minute webinar), “Cancer Prevention Across the Lifespan: What are the Missed Opportunities?” Michigan Cancer Consortium Board of Directors Meeting, 9/27/17.
* Invited Grand Rounds speaker, “Data on Cancer Screening in LGBT Populations.” Sidney Kimmel Cancer Center, Jefferson University, Philadelphia, PA, 6/14/17.
* Invited plenary speaker, “The Use of Cancer Screening Tests among Populations at Increased Risk of Cancer,” at the AACR Conference on Improving Cancer Risk Prediction for Prevention and Early Detection, Orlando, 11/19/16.
* Speaker, “Stopping Too Soon: the Unmet Cervical Cancer Screening Needs of Older Women.” 2016 APHA Annual Meeting, Denver, 11/1/16 (2016 Aetna Award for Excellence in Research on Older Women and Public Health, Honorable mention)
* Speaker, “Aging, Cancer and Death: Can’t we talk about something more pleasant?” TEDMED@CDC, Atlanta, 11/12/15