

BIOGRAPHICAL SKETCH

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NAME: Stroup, Antoinette M.

eRA COMMONS USER NAME (credential, e.g., agency login): NANSTROUP

POSITION TITLE: Professor; Chief, Division of Cancer Epidemiology; Director, New Jersey State Cancer Registry; Assistant Director, Catchment Data and Research, Rutgers Cancer Institute of New Jersey

EDUCATION/TRAINING (*Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable. Add/delete rows as necessary.*)

INSTITUTION AND LOCATION	DEGREE (if applicable)	Completion Date MM/YYYY	FIELD OF STUDY
University of Utah, Salt Lake City, UT	BS	05/1997	Human Development and Family Studies
University of Utah, Salt Lake City, UT	MS	08/1999	Family Ecology
University of California, Berkeley, CA	PhD	05/2004	Epidemiology

A. Personal Statement

I am the Director of the New Jersey State Cancer Registry (NJSCR) and have more than 20 years of experience in cancer surveillance and cancer epidemiology collaborations with interdisciplinary research teams. The NJSCR is managed and supported by the Rutgers Cancer Institute of New Jersey (CINJ) through a Memorandum of Agreement with the New Jersey Department of Health. NJSCR is a CORE registry in the National Cancer Institute's (NCI) Surveillance, Epidemiology and End Results (SEER) Program and a member of the CDC's National Program of Cancer Registries (NPCR). I am a Professor of Epidemiology at the Rutgers School of Public Health, Department of Biostatistics and Epidemiology and a member of the Cancer Prevention and Control (CPC) Program at CINJ. I was recently appointed Assistant Director of Research and Catchment Data, working collaboratively with Dr. Anita Kinney, Director of the Cancer Health Equity Center of Excellence, to ensure that research conducted at CINJ addresses the catchment area burden and priorities, and that research programs actively engage in bidirectional collaborations with the community. My extensive experience in cancer surveillance in New Jersey and beyond, my research focused on population-based cancer disparities and social determinants of health, and my ability to build successful intra- and inter-programmatic collaborations makes me well-suited to contribute significantly to CINJ's aims for the CCSG. I have published several papers with intra- and inter-programmatic cancer center members.

Citations:

1. Satagopan JM, **Stroup A**, Kinney AY, Dharamdasani T, Ganesan S, Bandera EV. Breast cancer among Asian Indian and Pakistani Americans: A surveillance, epidemiology and end results-based study. *Int J Cancer*. 2020 Oct 25. doi: 10.1002/ijc.33331. Epub ahead of print. PMID: 33099777.
2. Foran DJ, Durbin EB, Chen W, Sadimin E, Sharma A, Banerjee I, Kurc T, Li N, **Stroup AM**, Harris G, Gu A, Schymura M, Gupta R, Bremer E, Balsamo J, DiPrima T, Wang F, Abousamra S, Samaras D, Hands I, Ward K, Saltz JH. An expandable informatics framework for enhancing central cancer registries with digital pathology specimens, computational imaging tools, and advanced mining capabilities. *J Pathol Inform*. 2022 Jan 5;13:5. doi: 10.4103/jpi.jpi_31_21. PMID: 35136672; PMCID: PMC8794027.
3. Malhotra J, Paddock LE, Lin Y, Pine SR, Habib MH, **Stroup A**, Manne S. Racial disparities in follow-up care of early-stage lung cancer survivors. *J Cancer Surviv*. 2022 Mar 22. doi: 10.1007/s11764-022-01184-1. Epub ahead of print. PMID: 35318568.
4. Fong AJ, Evens AM, Bandera EV, Llanos AAM, Devine KA, Hudson SV, Qin B, Paddock LE, **Stroup AM**, Frederick S, Greco C, Manne SL. Survivorship transition care experiences and preparedness for survivorship among a diverse population of cancer survivors in New Jersey. *Eur J Cancer Care (Engl)*. 2022 Mar;31(2):e13553. doi: 10.1111/ecc.13553. Epub 2022 Feb 15. PMID: 35166393

B. Positions and Honors

Positions and Employment

2001-2004	Programmer/Analyst, Northern California Cancer Center, Fremont, CA
2005-2007	Research Instructor, Division of Clinical Epidemiology, Department of Internal Medicine, University of Utah, Salt Lake City, UT
2007-2011	Deputy Director, Utah Cancer Registry, University of Utah, Salt Lake City, UT
2007-2012	Research Assistant Professor, Division of Clinical Epidemiology, Department of Internal Medicine, University of Utah, Salt Lake City, UT
2010	North American Association of Central Cancer Registries, Environmental Public Health Tracking Program Consultant
2011-2013	Director, Utah Cancer Registry, University of Utah, Salt Lake City, UT
2012-2013	Research Associate Professor, Division of Epidemiology Department of Internal Medicine, University of Utah, Salt Lake City, UT
2013-	Director, New Jersey State Cancer Registry, Cancer Epidemiology Services, New Jersey Department of Health, Trenton, NJ
2013-2020	Associate Professor and Chief, Division of Cancer Epidemiology, Department of Biostatistics and Epidemiology, School of Public Health, Rutgers University, Piscataway, NJ
2020-	Professor and Chief, Division of Cancer Epidemiology, Department of Biostatistics and Epidemiology, School of Public Health, Rutgers University, Piscataway, NJ
2022-	Assistant Director, Research and Catchment Data, Center for Cancer Health Equity, Rutgers Cancer Institute of New Jersey, New Brunswick, NJ

Other Experience and Professional Memberships

2005-	Member, North American Association of Central Cancer Registries (NAACCR)
2005-2013	Member, National Comprehensive Cancer Network (NCCN) Prostate Cancer Early Detection Panel
2007-2009	Director-at-Large, Utah Cancer Action Network (UCAN) Executive Committee
2009-2014	Representative-At-Large, North American Association of Central Cancer Registries (NAACCR) Board of Directors
2012-2013	Director-at-Large, Utah Cancer Action Network (UCAN) Executive Committee
2012-2013	Member, Utah Public Health Association (UPHA)
2013-	Member, NAACCR Institutional Review Board
2014-2016	Co-Chair, NAACCR Standardization and Registry Development Steering Committee
2016-2017	President-Elect, North American Association of Central Cancer Registries (NAACCR)
2017-2019	President, North American Association of Central Cancer Registries (NAACCR)
2019-2020	Past-President, North American Association of Central Cancer Registries (NAACCR)
2019-2020	Co-Chair, NAACCR Annual Conference Program Committee
2020-	Chair/Co-Chair, NAACCR Communications Steering Committee

Honors

1998-1999	Mariner S. Eccles Graduate Fellowship, University of Utah
1999-2001	Graduate Opportunity Fellowship, University of California, Berkeley
2006	Intermountain Healthcare's Advanced Training Program (ATP) in Health Care Delivery Improvement
2008-2009	University of Utah Leadership Development Program for Faculty and Director Staff
2016	Merit Award, North American Association of Central Cancer Registries (NAACCR)
2017	Distinguished Lecturer, Rutgers School of Nursing – Camden, Rutgers University
2018	Certificate of Recognition, Rutgers Health
2019	Achievement Award, North American Association of Central Cancer Registries (NAACCR)

C. Contributions to Science

1. My primary research interest is in **cancer surveillance research and descriptive epidemiology**. Traditional hospital-based or clinical surveillance techniques for cancer has been supplanted by more advanced methods to assess the burden of disease in large geographically defined populations as well as special populations that might be at greater risk for cancer or are underserved. These advancements are directly attributable to the ongoing enhancements in cancer incidence reporting and data quality in state cancer registries, which provides a population base to sample and ensure the reliability of cancer statistics and the external validity of research findings. This field of study requires expertise in epidemiological methods and cancer surveillance, but also requires a multidisciplinary team of investigators with specific subject matter expertise covering the cancer care continuum from screening among unaffected populations to long-term cancer outcomes and survivorship. Combining my expertise with subject matter experts has resulted in important contributions in the areas of surveillance methodologies, cancer screening, population-based interventions, survival and mortality outcomes, and disparities research. I served as the site-specific primary investigator in multicenter studies or co-investigator in these studies.
 - a. Villalona S., Ferrante J, Villalona S, **Stroup A**. More than cervical cancer: Understanding racial/ethnic disparities in oropharyngeal cancer outcomes among males by HPV status. *The Annals of Family Med* 2022 Apr;20 (Supplement 1) 2625; doi: 10.1370/afm.20.s1.2625.
 - b. Villalona S, **Stroup AM**, Villalona S, Ferrante JM. Racial/ethnic disparities in HPV-related oropharyngeal cancer outcomes among males in the United States: a national cohort study. *Ann Cancer Epidemiol* 2022;6:4. doi: 10.21037/ace-22-1.
 - c. Wiese D, Lynch SM, **Stroup AM**, Maiti A, Harris G, Vucetic S, Henry KA. Examining socio-spatial mobility patterns among colon cancer patients after diagnosis. *SSM Popul Health*. 2022 Jan 7;17:101023. doi: 10.1016/j.ssmph.2022.101023. PMID: 35097183; PMCID: PMC8783098.
 - d. Llanos AAM, Li J, Tsui J, Gibbons J, Pawlish K, Nwodili F, Lynch S, Ragin C, **Stroup AM**. Variation in Cancer Incidence Rates Among Non-Hispanic Black Individuals Disaggregated by Nativity and Birthplace, 2005-2017: A Population-Based Cancer Registry Analysis. *Front Oncol*. 2022 Apr 8;12:857548. doi: 10.3389/fonc.2022.857548. PMID: 35463326; PMCID: PMC9024350.

2. Because cancer development is a multifactorial process that occurs over long periods of time (e.g. long latency), research is now looking to **early life circumstances and contextual risk factors that increase the risk of cancer in adulthood**. My prior training in social and behavioral sciences, specifically in human development and family ecology, has led me to interesting epidemiological investigations, incorporating a life course approach and an evaluation of socioeconomic conditions to assess cancer risk and outcomes. The following publications document the independent contributions of social, economic and potentially behavioral factors in the development of cancer in special populations. I served as the primary investigator or co-investigator in all these studies.
 - a. Wiese D, **Stroup AM**, Maiti A, Harris G, Lynch SM, Vucetic S, Henry KA. Socioeconomic Disparities in Colon Cancer Survival: Revisiting Neighborhood Poverty using Residential Histories. *Epidemiology*, 2020 May 21. doi: 10.1097/EDE.0000000000001216. PMID: 32459665.
 - b. Wiese D, **Stroup AM**, Maiti A, Harris G, Lynch SM, Vucetic S, Henry KA. Residential Mobility and Geospatial Disparities in Colon Cancer Survival. *Cancer Epidemiol Biomarkers Prev*. 2020 Nov;29(11):2119-2125. doi: 10.1158/1055-9965.EPI-20-0772. Epub 2020 Aug 5. PMID: 32759382.
 - c. Qin B, Babel RA, Plascak JJ, Lin Y, **Stroup AM**, Goldman N, Ambrosone CB, Demissie K, Hong CC, Bandera EV, Llanos AAM. Neighborhood social environmental factors and breast cancer subtypes among Black women. *Cancer Epidemiol Biomarkers Prev*. 2020 Nov 24;cebp.1055.2020. doi: 10.1158/1055-9965.EPI-20-1055. Epub ahead of print. PMID: 33234556.
 - d. Plascak JJ, Beyer K, Xu X, **Stroup AM**, Jacob G, Llanos AAM. Association Between Residence in Historically Redlined Districts Indicative of Structural Racism and Racial and Ethnic Disparities in Breast Cancer Outcomes. *JAMA Netw Open*. 2022 Jul 1;5(7):e2220908. doi: 10.1001/jamanetworkopen.2022.20908. PMID: 35802373; PMCID: PMC9270695.

3. The National Cancer Institute estimates that there are more than 18 million cancer survivors nationwide. This is due to advances in effective cancer screening and treatment methods. As a cancer surveillance expert, I have contributed to the **growth in survivorship research from both a comparative effectiveness and quality of life perspective**. As the number of cancer survivors continues to grow, surveillance of these survivors will be critical. I served as co-investigator on several studies of long-term survivorship and quality of life among cancer patients.
- a. Doose M, McGee-Avila J, **Stroup AM**, Ferrante J, Xu B, Herman NL, Demissie K. Shared Care during Breast and Colorectal Cancer Treatment: Is it Associated with Patient-Reported Care Quality? *J Healthcare Quality*, Accepted January 2019. *J Healthc Qual*. 2019 Feb 27. doi: 10.1097/JHQ.000000000000192. [Epub ahead of print] PMID: 30829854 (No PMCID).
 - b. Reisz PA, Laviana AA, Zhao Z, Huang LC, Koyama T, Conwill R, Hoffman K, Goodman M, Hamilton AS, Wu XC, Paddock LE, **Stroup A**, Cooperberg MR, Hashibe M, O'Neil BB, Kaplan SH, Greenfield S, Penson DF, Barocas DA. Assessing the Quality of Surgical Care for Clinically Localized Prostate Cancer: Results from the CEASAR Study. *J Urol*. 2020 Dec;204(6):1236-1241. doi: 10.1097/JU.0000000000001198. Epub 2020 Jun 22. PMID: 32568605.
 - c. Qin B, Babel RA, Plascak JJ, Lin Y, **Stroup AM**, Goldman N, Ambrosone CB, Demissie K, Hong CC, Bandera EV, Llanos AAM. Neighborhood social environmental factors and breast cancer subtypes among Black women. *Cancer Epidemiol Biomarkers Prev*. 2020 Nov 24:cebp.1055.2020. doi: 10.1158/1055-9965.EPI-20-1055. Epub ahead of print. PMID: 33234556.
 - d. Joyce DD, Wallis CJD, Huang LC, Hoffman KE, Zhao Z, Koyama T, Goodman M, Hamilton AS, Wu XC, Paddock LE, **Stroup A**, Cooperberg MR, Hashibe M, O'Neil BB, Kaplan SH, Greenfield S, Penson DF, Barocas DA. The Association Between Financial Toxicity and Treatment Regret in Men With Localized Prostate Cancer. *JNCI Cancer Spectr*. 2022 Nov 1;6(6):pkac071. doi: 10.1093/jncics/pkac071. PMID: 36255249; PMCID: PMC9731205.

Complete List of Published Work in MyBibliography:

<http://www.ncbi.nlm.nih.gov/sites/myncbi/antoinette.stroup.1/bibliography/47900184/public/?sort=date&direction=ascending>