

BIOGRAPHICAL SKETCH

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NAME: Kinney, Anita Y.

eRA COMMONS USERNAME (credential, e.g., agency login): ANITAKINNEY

POSITION TITLE: Associate Director for Cancer Health Equity and Engagement, Rutgers Cancer Institute of New Jersey; Professor, Department of Epidemiology and Director of the Center for Cancer Health Disparities, School of Public Health

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
Seton Hall, South Orange, NJ	BSN	06/1981	Nursing
University of Pennsylvania, Philadelphia, PA	MSN	05/1985	Nursing (APN)
University of Texas School of Public Health, Houston, TX	PhD	08/1996	Epidemiology
University of North Carolina-Chapel Hill, NC	Postdoctoral	01/1998	Cancer Control and Epidemiology

A. Personal Statement

I have been an actively funded investigator in cancer prevention and control for over 25 years with a focus on behavioral, ethical, social and care delivery genetics research. My research brings a combination of behavioral science, clinical, and epidemiologic perspectives to address unsolved cancer prevention and control problems in diverse populations and settings. The overarching goal of my research is to understand variation in cancer risk; determinants of risk and outcomes; and to use this information to reduce health disparities, develop effective interventions that facilitate informed decision-making, positive changes in health behaviors, and guideline-concordant genomic care delivery that leads to better outcomes. Using community participatory research approaches, much of my research has focused on documenting determinants of interest, access and use of cancer screening, genomic tests and related health services and translating this work to demographically diverse and underserved populations. I have considerable experience leading and collaborating on clinic-, community- and population-based randomized trials that have developed and implemented effective interventions to promote cancer risk assessment and screening in average-risk and high-risk populations and appropriate translation of genetic discoveries into clinical practice and improve cancer survivorship outcomes. Further, I have pioneered effective culturally targeted cancer control interventions in Black, Hispanic and rural cancer patients, and their relatives. My ongoing dissemination and implementation science involves ongoing projects addressing colorectal and lung cancer screening in community-based non-academic practices. I also have leadership experiences that include directing large multi-site transdisciplinary research teams, engaging diverse community stakeholders, implementing and evaluating complex interventions, achieving accrual and retention goals in diverse populations, producing over 150 peer-reviewed publications, mentoring and training over 45 students, postdocs, and junior faculty, and building cancer population science infrastructure. The depth and breadth of my research, community outreach, and leadership experiences as well as my deep commitment to basic, translational and health disparities research make me well suited to serve as Associate Director for Population Science and Community Outreach at the Rutgers Cancer Institute of New Jersey (CINJ). In this role, I incorporate my training and these experiences to inform cancer relevant priorities and transdisciplinary approaches to research, outreach, and care delivery to address the vision and mission of CINJ.

Ongoing and recently completed projects that I would like to highlight include:

R01CA203930-01A1

Kinney (Contact PI) /Irwin (MPI)

12/01/2016-11/30/2022 NCE

Behavioral Effects of Tai Chi Qigong for Prostate Cancer Survivors with Fatigue

R01CA211625

Kinney (PI)

12/01/2016-11/30/2022 NCE

Comparative Effectiveness of Interventions to Increase Guideline-based Genetic Counseling in Ethnically and Geographically Diverse Cancer Survivors

R01CA219389

Kinney (Site PI, Co-Investigator)

06/01/2018-05/30/2023

Improving Prediction of Chemotherapy-Induced Nausea: Integrating Genes, Behavior, and the Microbiome

New Jersey Department of Health

Kinney (PD)

07/01/2019-06/30/2023

ScreenNJ

ACS/Pfizer, Inc.

Kinney (PI)

01/01/2021-12/31/2022

Reducing Racial Disparities in Cancer Care with PINPOINT

R01HL158850

Kinney (Contact PI), Hoffman, Volk (MPI)

04/01/2022-03/31/2027

TELEhealth Shared decision-making COaching for lung cancer screening in Primary care (TELESCOPE)

UG1CA289856

Kinney (Lead Investigator)

08/01/2014-07/31/2019

NCI Community Oncology Research Program Minority Underserved Community Site

Citations:

1. **Kinney AY**, Boonyasiriwat WP, Walters ST, Stroup AM, Schwartz MD, Pappas LM, Edwards SL, Rogers A, Kohlmann WK, Boucher KM, Burt RW, Vernon SW, Simmons RG, Lowery JT, Wiggins CL, Williams MS, Hill DA, Higginbotham JC. (2014) Telehealth personalized cancer risk communication to motivate colonoscopy in relatives of colorectal cancer patients: A randomized controlled trial. *J Clinical Oncol*, 32:654-62. PMID: 2449229; PMCID: PMC3927734
2. **Kinney AY**, Butler KM, Schwartz MD, Mandelblatt JS, Boucher KM, Pappas LM, Gammon A, Kohlmann W, Edwards SL, Stroup AM, Buys SS, Flores KG, Campo RA. (2014) Expanding access to BRCA1/2 genetic counseling with telephone delivery: A cluster randomized non-inferiority trial. *J Nat Cancer Inst*, 106. PMID: 25376862.
3. **Kinney AY**, Steffen LE, Brumbach BH, Kohlmann W, Du, R, Lee JH, Gammon A, Butler K, Buys, SS, Stroup AM, Camp RA, Flores KG, Mandelblatt JS, Schwartz MD (2016) Randomized Noninferiority Trial of Telephone Delivery of BRCA1/2 Genetic Counseling Compared to In-person Counseling: One-Year Follow-up. *J Clinical Oncol*, 34:2914-24 PMID: 27325848
4. McDougall JM, Banegas M, Wiggins C, Rajput A, Chiu V, **Kinney AY** (2018) Rural disparities in treatment-related financial hardship and adherence to surveillance colonoscopy in diverse colorectal cancer survivors; *Cancer Epidemiol Biomarkers Prev*, 27: 1275-1282. PMID: 31111302

B. Positions, Scientific Appointments, and Honors

Positions and Scientific Appointments

2020-	Associate Director for Population Science and Community Outreach, Rutgers Cancer Institute of New Jersey, New Brunswick, NJ
2018-	Associate Director for Cancer Health Equity and Engagement, Cancer Institute of New Jersey, Rutgers University, New Brunswick, NJ
2018-	Inaugural Director, Cancer Health Equity Center of Excellence, School of Public Health and Cancer Institute of New Jersey, Rutgers University, New Brunswick, NJ
2018-	Professor, Department of Biostatistics and Epidemiology, School of Public Health Rutgers University, New Brunswick, NJ
2015-2018	Senior Fellow, Robert Wood Johnson Health Policy Center at the University of New Mexico
2014-2018	Lead Cancer Care Delivery Investigator, NM Minority Underserved NCORP
2013-2018	Co-Leader, Cancer Control Research Program, University of New Mexico Cancer Center, Albuquerque, NM
2013-2018	Associate Director for Cancer Control and Population Sciences, University of New Mexico Cancer Center, Albuquerque, NM
2013-2018	Carolyn R. Surface Endowed Chair in Population Sciences, University of New Mexico, Albuquerque, NM
2013-2018	Professor, Division of Epidemiology, Department of Internal Medicine, School of Medicine, University of New Mexico, Albuquerque, NM
2010-2013	Professor, Division of Epidemiology, Department of Internal Medicine, School of Medicine, University of Utah, Salt Lake City, UT
2009-2013	Jon and Karen Huntsman Presidential Professor in Cancer Research
2008-2013	Leader, Cancer Control and Population Sciences Program, Huntsman Cancer Institute, University of Utah, Salt Lake City, UT
2005-2007	Co-Leader, Cancer Control and Population Sciences Program, Huntsman Cancer Institute, University of Utah, Salt Lake City, UT
2005-2008	Health Services Research Scientist (part time), IDEAS Center, George Whalen Veteran Affairs Medical Center, Salt Lake City, UT
2005-2009	Associate Professor (tenured), University of Utah School of Medicine, Department of Internal Medicine Division of Clinical Epidemiology, Salt Lake City, UT
1998-2001	Assistant Professor, University of Utah College of Nursing, Salt Lake City, UT
1986-1996	Nurse Practitioner/Clinical Nurse Specialist, University of Texas MD Anderson Cancer Center, Division of Medicine, Houston, TX
1993-1995	Assistant Professor (Clinical), University of Texas Health Science Center, School of Nursing Oncology/Adult Nurse Practitioner Program, Houston, TX

Other Experience and Professional Memberships (selected)

2021-	Editorial Board, <i>Cancer Prevention Research</i>
2021-	External Advisory Board, Case Western Reserve Comprehensive Cancer Center, Cincinnati, OH
2019-	External Scientific Advisory Board, Comprehensive Cancer Center at the University of Iowa, Iowa City, IA
2018-	External Scientific Advisory Board, Sidney Kimmel Comprehensive Cancer Center at Johns Hopkins University, Baltimore, MD
2018-	External Scientific Advisory Board, University of Wisconsin Carbone Comprehensive Cancer Center, Madison, WI
2017-	External Scientific Advisory Board, Wake Forest Comprehensive Cancer Center, Wake Forest University, Winston-Salem, NC
2017-	Cancer Centers Study Section Member, National Institutes of Health
2016-	External Advisory Board, Lombardi Comprehensive Cancer Center, Georgetown University, Washington, DC
2015-2018	NIH, NCI Cancer Care Delivery Research Steering Committee, National Clinical Oncology Research Program (NCORP)
2014-	Senior Editor, <i>Cancer Epidemiology, Biomarkers and Prevention</i>

2014-2018 Board of Trustees, Society of Integrative Oncology
 2014-2018 Executive Committee, New Mexico Cancer Council
 2014-2018 Executive Board, Casa Esperanza
 2014- External Scientific Advisory Board, Simmons Cancer Center, UT Southwestern, Dallas, TX
 2012-2018 External Advisory Board, NIH CA U54 Ponce SOM-Moffitt CC Disparities Partnership
 2011- Editorial Board, *Genetic Testing and Molecular Biomarkers*
 2010-2013 Chair, Survivorship Special Interest Group, American Society of Preventive Oncology
 2009-2013 Study Section Member, NIH National Institute of Human Genome Research, Ethical Legal and Social Implications of Genetic Research/Clinical Research Ethics
 2010-2013 Director-at-Large, American Society of Preventive Oncology
 2007-2012 NCI Cancer Genetics Network Steering Committee
 2006- *Cancer Epidemiology Biomarkers and Prevention*, Editorial Board
 2004-2007 Scientific Reviewer, NIH National Institute of Human Genome Research, Ethical Legal and Social Implications of Genetic Research Study Section Member

Honors

2021- President Elect, American Society of Preventive Oncology
 2018 Fellow, Academy of Behavioral Medicine Research
 2016 Fellow, American Academy of Nursing
 2013 Carolyn R. Surface Endowed Chair in Cancer Control and Population Sciences, University of New Mexico, Albuquerque, NM
 2011 YWCA of Salt Lake City, Outstanding Achievement Award in Medical / Health
 2009-2013 Jon and Karen Huntsman Presidential Professor in Cancer Research, Huntsman Cancer Institute, University of Utah
 2002 International Society for Nurses in Genetics Founders Award for Research Excellence
 2000 Excellence in Scholarship Award, University of Utah College of Nursing 2001 Citation Abstract (1 of top 3), Oncology Nursing Society
 1999-2004 K07 Preventive Oncology Award CA82121
 1996-1998 R25 Postdoctoral Fellowship, National Cancer Institute-funded at Lineberger Comprehensive Cancer Center, University of North Carolina, Chapel Hill, NC
 1996 American Cancer Society Doctoral Scholarship
 1995-1996 R25 Predoctoral Traineeship, National Cancer Institute-funded at the University of Texas, M.D. Anderson Cancer Center, Houston, TX
 1981 Outstanding Student Contributions Award, Seton Hall University School of Nursing 1993
 1981 Magna Cum Laude, Seton Hall University

C. Contributions to Science

1. My early and recent career contributions focused on the role of behavioral and social factors associated with cancer incidence, morbidity, cancer genetic risk assessment and testing, and disparities. For example, my group demonstrated that both structural and functional aspects of social support and place of residence influence utilization of cancer screening and the burden of suffering associated with colorectal cancer in diverse populations. By gaining insights into behavioral and social pathways of cancer etiology and outcomes, we identified intervention targets that were used to develop strategies for the prevention and early detection of cancer. Further, our team has conducted community stakeholder-engaged research for developing, implementing, and evaluating culturally targeted genetic counseling and testing interventions in Black persons and documenting Hispanic disparities in access to cancer genetic risk assessment. Building on this work, we identified strategies for communicating cancer risk and prevention information that incorporates community and cultural perspectives and considers social determinants of health.
 - a. **Kinney AY**, Bloor L, Martin C, Sandler RS (2005) Social ties and colorectal cancer screening among Blacks and Whites in North Carolina. *Cancer Epidemiol Biomarkers Prev*, 14:182-9.
 - b. **Kinney AY**, Gammon A, Coxworth J, Simonsen SE, Arce-Laretta M. (2010) Exploring attitudes, beliefs, and communication preferences of Latino community members regarding *BRCA1/2* mutation testing and preventive strategies. *Genetics in Medicine*, 12:105-15; PMID: 3022322.
 - c. **Kinney AY**, Simonson SE, Baty BJ, Mandal D, Neuhausen SL, Seggar K, Holubkov R, Smith K. (2006) Acceptance of genetic testing for hereditary breast ovarian cancer among study enrollees from an African American kindred. *Am J Med Genet A*, 140:813-26, PMID: 16523520; PMID: 2562369 (2006).

- d. Ellington L, Maxwell A, Baty BJ, Roter D, Dudley WN, **Kinney AY**. (2007) Genetic counseling communication with African American *BRCA1* kindred. *Soc Sci Med*, 64:724-34, PMID: 2043481.
2. More recent work builds on my prior behavioral oncology and care research to better understand mediating and moderating mechanisms underlying cancer prevention behaviors and how to improve guideline concordant care in high-risk cancer survivors and at-risk relatives. Much of this work focuses on underserved populations. This research provides novel findings with regard to preferences, values, determinants and motivation regarding direct-to-consumer genomic testing and multi gene-panel testing.
- a. Birmingham WC, Agarwal N, Kohlmann W, Aspinwall LG, Wang M, Bishoff J, Dechet C, **Kinney AY**. (2013) Patient and provider attitudes toward genomic testing for prostate cancer susceptibility: a mixed method study; *BMC Health Serv Res*, 13:279; PMID: 23870420; PMID: 3750463.
- b. Anderson AE, Flores KG, Boonyasirawat W, Gammon A, Kohlmann W, Birmingham WC, Schwartz MD, Samadder K, **Kinney AY**. (2014) Interest and informational preferences regarding genomic testing for modest increases in colorectal cancer risk. *Public Health Genomics*, 17:48-60; PMID: 24435063; PMID: 3992284.
- c. Birmingham, WC, Hung, M, Kohlmann, W, Walters, S, Burt, RW, Stroup, AM, Vernon, SW, Edwards, S, Boonyasirawat, W, Schwarz, MD, Lowery, JT, Hill, DA, Wiggins, CL, Higgenbotham, JC, Tang, P, Hon, SD, **Kinney, AY**. (2015). Effectiveness of the Extended Parallel Process Model in Promoting Colorectal Cancer Screening. *Psycho-Oncology*, 24:1265-1278 PMID: 26194469.
- d. Vicuna B, Delaney HD, Flores KG, Ballinger L, Royce M, Dayao, Z, Pal T, **Kinney AY** (2018) Preferences for multigene panel testing for hereditary breast cancer risk among ethnically diverse *BRCA*-uninformative families; *J Community Genet*, 9: 81-92. PMID: PMC5752653.
3. Much of my more recent and ongoing work also involves developing and disseminating strategies to effectively communicate cancer genetic risk information, increase reach of cancer control actions and precision oncology in underserved populations. My team's research findings have led to alternative care delivery models for genetic services, were incorporated into health policy and clinical practice guidelines, and our risk communication and behavior change work is serving as a new model for genomic risk counseling and behavior change and is being translated to other contexts and settings described previously. Ongoing work is testing two remote interventions to promote guideline-concordant genetic counseling for hereditary breast and ovarian cancer, and address ethnic, rural, and socioeconomic disparities, and the effect a mind-body exercise intervention in senior prostate cancer survivors on patient reported outcomes, inflammation biology (genomics approach) and gene expression. I also have considerable experience contacting and locating next of kin of deceased cancer probands in families with increased genetic risk through tumor registries.
- a. Steffen, LE, Boucher, KM, Damron, BH, Pappas, LM, Walters, ST, Flores, KG, Boonyasirawat, W, Vernon, SW, Stroup, AM, Schwartz, MD, Edwards, SL, Kohlmann, WK, Lowery, JT, Wiggins, CL, Hill, DA, Higginbotham, JC, Burt, R, Simmons, RG, & **Kinney, AY**. (2015) Efficacy of a telehealth intervention on colonoscopy uptake when cost is a barrier: The Family CARE cluster randomized controlled trial. *Cancer Epidemiol Biomarkers Prev*, 24:1311-8. PMID: 26101306.
- b. **Kinney AY**, Howell R, Ruckman R, McDougall JA, Boyce TW, Vicuña B, Lee JH, Guest DD, Rycroft R, Valverde PA, Gallegos KM, Meisner A, Wiggins CL, Stroup A, Paddock LE, Walters S. (2018) Promoting guideline-based cancer genetic risk assessment for hereditary breast and ovarian cancer in ethnically and geographically diverse cancer survivors: Rationale and design of a 3-arm randomized controlled trials. *Contemp Clin Trials*, 73:123-135. PMID: 0236776.
- c. Ford CG, Vowles KE, Smith BW, **Kinney AY**. (2020). Mindfulness and Meditative Movement Interventions for Men Living with Cancer: A Meta-analysis. *Ann Behav Med*, 54:360-373. PMID: 31773148
- d. O'Malley DM, Blair CK, Greenbaum A, Wiggins CL, Rajput A, Chiu VK, **Kinney AY**. (2022) Colorectal Cancer Survivors' Receptivity toward Genomic Testing and Targeted Use of Non-Steroidal Anti-Inflammatory Drugs to Prevent Cancer Recurrence. *J Community Genetics*, epub ahead of print. PMID: 34997901

Complete List of Published Work:

<http://www.ncbi.nlm.nih.gov/sites/myncbi/anita.kinney.1/bibliography/40725664/public/?sort=date&direction=ascending>