

Garth H. Rauscher, Ph.D.

University of Illinois-Chicago
Division of Epidemiology and Biostatistics
School of Public Health
952 SPHP1 (M/C 923)
1603 W. Taylor; Chicago, IL 60612

(312) 413-4317 work phone
(224) 420-1036 home phone
(312) 996-0064 fax
garthr@uic.edu

EDUCATION

- 8/97-10/01 **University of North Carolina, Chapel Hill,**
Department of Epidemiology, School of Public Health
Doctoral degree in epidemiology, December 2001
- 9/95-5/97 **Yale University, New Haven, CT**
Department of Epidemiology and Public Health
MPH, concentration in chronic disease epidemiology
- 10/88-6/93 **University College, Northeastern University**
Combined 50 credits in biology, chemistry, psychology and statistics
- 9/84-5/88 **State University of New York at Albany**
BS in Physics, graduated cum laude.

WORK EXPERIENCE

- 8/10 – pres. **University of Illinois at Chicago, Division of Epidemiology and Biostatistics**
Associate Professor of Epidemiology
- 8/04 – 8/10. **University of Illinois at Chicago, Division of Epidemiology and Biostatistics**
Assistant Professor of Epidemiology
- 11/01– 8-04. **University of Illinois at Chicago**
NCI Postdoctoral Fellow, Cancer Prevention and Control
- 6/98-9/02 **Lineberger Comprehensive Cancer Center, UNC-Chapel Hill**
Research Fellow.
Responsible for data analyses from North Carolina Breast Cancer Screening Program.
- 8/97-5/98 **Carolina Mammography Registry, University of North Carolina Chapel Hill**
Research Assistant.
Management and analyses of a large mammography utilization database of women receiving mammograms in 24 counties in North Carolina.
- 5/96-7/97 **Yale Program on Aging, New Haven, CT**
Programmer/Analyst.
Responsible for data management and analytical support for several ongoing epidemiologic studies of aging.
- 4/96-8/96 **Cancer Center, Yale Medical School, New Haven, CT**
Intern
Data analysis of a matched case-control study of lung cancer in never smokers and former smokers; analysis led to master’s thesis.
- 2/92-8/95 **Massachusetts General Hospital, Boston, MA**
Research Technician
Research on parathyroid hormone and osteoporosis in a variety of animal models.
- 8/90-7/91 **Dana Farber Cancer Institute, Boston, MA**
Research Assistant

FUNDING

Ongoing Research Support

2P01CA15292-06 (Miglioretti) 07/01/2017 - 06/31/2022

NIH- National Cancer Institute

Risk-based Breast Cancer Screening and Surveillance in Community Practice

The goal of this Program Project is to identify the most effective risk-based breast cancer screening strategies that also minimize harms. We hypothesize that effective breast cancer screening must consider different modalities and strategies that are tailored to individual risk. By implementing our findings, we could further reduce breast cancer mortality while minimizing the harms of screening healthy women.

Role: Co-Investigator

PCORI/ PCS-1504-30370 (Miglioretti) 09/01/2016 – 02/28/2021

PCORI. Patient-Centered Outcomes Research Institute

Comparative Effectiveness of Breast Cancer Screening and Diagnostic Evaluation by Extent of Breast Density.

The goal of this study is to answer the following questions with the goal of personalizing breast cancer screening and preoperative work-up decisions: What is the best way to screen women with or without dense breasts? Should breast MRI be used before surgical decisions in women with newly diagnosed breast cancer?

Role: Co-Investigator

Completed Research Support

KG111385 (Rauscher) 01/01/2018 to 12/31/2019

Komen Foundation

UIC Komen Breast Cancer Disparities Fellowship. This proposal was in response to “Post-Baccalaureate Training in Disparities Research (PBT-DR)” and the goal is to train a cadre of researchers to conduct breast cancer disparities research most relevant to public health goals.

Role: Principal Investigator

Pilot Project (Hoskins) 09/01/2018 – 08/31/2019

CHEC (Chicago Cancer Health Equity Collaborative) (PI – Hoskins) This study of racially diverse women with a new diagnosis of breast cancer and healthy control women will examine plasma metabolomic and proteomic profiles in order to identify mechanisms driving aggressive tumor biology in African American women with hormone-dependent breast cancers.

Role: Co-Investigator

Pilot Project (Rauscher) 03/29/2018 – 03/28/2019

The Center for Health and the Environment (CACHET), NIEHS P30ES027792 (MPI – Ahsan/Prins)

Linking air toxics exposure data to residential histories in a large cohort of women. The goals of this pilot project are to link data from the US EPA’s National Air Toxics Assessment to residential histories in approximately 40,000 patients in the Metropolitan Chicago Breast Cancer Registry (MCBCR).

No Grant # (Rauscher) 01/08/2018 – 01/07/2019

BCRG Pilot Grant Program, Breast Cancer Research Group at the University of Illinois at Chicago

Linking residential histories in a large cohort of women: a linchpin to studies of social and environmental risk

factors for breast cancer subtypes. The goals of this pilot project are to link residences from LexisNexis as far back as 1990 to a nested case-control study using patients in the Metropolitan Chicago Breast Cancer Registry (MCBCR).

KG111385 (Rauscher) 07/01/2014 – 06/30/2017

Komen Foundation

UIC Komen Breast Cancer Disparities Fellowship. This proposal was in response to “Post-Baccalaureate Training in Disparities Research (PBT-DR)” and the goal is to train a cadre of researchers to conduct breast cancer disparities research most relevant to public health goals.

Role: Principal Investigator

P50CA106743_10 (Warnecke) 07/01/2016 – 06/30/2017
(Supplement)
NCI

Supplement – A shared navigation intervention to delayed breast cancer diagnosis. The goal of this supplement is to develop a dataset and track women who receive an abnormal mammogram through the safety net health care system in Chicago, and monitoring multilevel effects of policy, practice norms, and individual decisions that impact the timely resolution and guideline concordant care.

Role: Co-Investigator

P01CA154292 (Miglioretti/Kerlikowske) 07/11/2011 -
06/30/2016
NIH- National Cancer Institute

Risk-Based Breast Cancer Screening in Community Settings. The goal of this Program Project is to identify the most effective breast cancer screening strategies according to women’s breast cancer risk. The three projects will work to: improve measurement of breast cancer risk and identification of risk profiles; identify appropriate screening modalities to optimize early detection of breast cancer; and understand whether advanced screening technologies are reaching diverse groups and examine the determinants of access.

Role: Co-Investigator

R01 HS018366 (Rauscher) 09/01/2010 - 08/31/2016 (no-cost
extension)
AHRQ

Comparative effectiveness of breast imaging modalities: a natural experiment. The goal of this study is to examine the comparative effectiveness of diagnostic imaging and biopsy procedures in ruling in or ruling out a breast cancer diagnosis. This study will create generalizable knowledge that can be used by clinicians and policymakers to maximize breast cancer detection while minimizing over-diagnoses and unnecessary biopsies.

Role: Principal Investigator

P60MD003424 (Calhoun/Ferrans) 07/25/2009 -
5/31/2015 (no-cost extension)
NIMHD

The Center of Excellence in Eliminating Disparities (CEED), Project 2: Improving Adequacy of Colorectal Cancer Care for African Americans: Colon Cancer Patterns of Care in Chicago. The CEED aims to: i) become a university-wide resource for minority health and health disparities research; ii) enhance training of faculty and students engaged in minority health disparities research; iii) develop/ conduct cutting-edge research on health disparities; iv) develop effective strategies for improving minority health and health disparities in community settings; and v) maintain sustain key-university-community partnerships.

Role: Co-I, Project Director, Project 2

#NHLONGGBR (Miglioretti)
02/28/2014 – 12/31/2015

American Cancer Society

Performance of screening ultrasound by breast cancer risk and breast density. The goal of this project is to abstract screening ultrasounds from Advocate Health and Hospitals Corporation medical records and then map, provide quality control, and transfer the ultrasound data to the Biostatistics and Data Management Core (BDMC).

Role: Co-Investigator

P50CA106743 (Warnecke/Calhoun) 06/15/2010 - 03/31/2015
NIH

NIH-Supported Centers for Population Health and Health Disparities, Project 3: DNA Methylation and Differential Breast Cancer Aggressiveness by Race/Ethnicity. Among other goals, Project 3 proposes to study differences in DNA methylation between Caucasian, Latin American and African American patients with breast cancer in Chicago.

Role: Co-I, Project Leader, Project 3

KG111385 (Rauscher) 05/15/2011 - 05/14/2014
Komen Foundation

UIC Komen Cancer Epidemiology and Disparities Fellowship. This proposal was in response to “Post-Baccalaureate Training in Disparities Research (PBT-DR)” and the goal is to train a cadre of researchers to conduct breast cancer disparities research most relevant to public health goals.

Role: Principal Investigator

BR 07-18 Rauscher (PI) 09/01/07 – 08/31/09
American Cancer Society, Illinois Division
Role: PI

Mammography effectiveness and ethnic disparity in symptomatic breast cancer. The major goals of this project are to examine the role of the quality of the mammography process in creating a racial and ethnic disparity in breast cancer stage at diagnosis among White, African-American, and Hispanic breast cancer patients in Chicago.

86280168 Rauscher (PI) 01/01/08 – 06/31/09
Illinois Department of Public Health
Role: PI

Ethnic disparity in symptomatic breast cancer awareness following routine mammography. The major goals of this project are to examine the role of the quality of breast imaging and quality of interpretation for malignancy, and how quality might relate to the racial and ethnic disparity in breast cancer stage at diagnosis among White, African-American and Hispanic breast cancer patients in Chicago.

1 P50 CA106743-01 Warnecke (PI) 09/01/03 – 09/01/08
NIH
Role: Co-I, Project Director, Project 4

Mediators of Ethnic Disparity in Breast Cancer Prognosis, Project 4 of the UIC Center for Population Health and Health Disparities. The major goals of this project are to examine the role of access and timing of health care in racial/ethnic disparities in breast cancer stage at diagnosis for Black, White, and Hispanic patients residing in Chicago, IL.

PEER-REVIEWED PUBLISHED ARTICLES

1. Jones LA, Brewer KC, Carnahan LR, Parsons JA Polite BN, Ferrans CE, Warnecke RB, Rauscher GH. Health insurance status is a predictor of mode of colon cancer detection but not stage at diagnosis: Implications for early detection. *Public Health Reports* 2020 (Under Review).
2. Lee CI, Zhu W, Onega T, Henderson LM, Kerlikowske K, Sprague BL, Rauscher GH, O’Meara ES, Tosteson ANA, Haas JS, diFlorio-Alexander R, Kaplan C, Miglioretti DL. Comparative Access to and Use of Digital Breast Tomosynthesis Screening by Women’s Race, Ethnicity, and Socioeconomic Status. *JAMA Oncology* 2020 (Under Review).
3. Sprague B, Yates Coley R, Kerlikowske K, Rauscher GH, Henderson L, Onega T, Lee C, Herschorn S, Tosteson A, Miglioretti D. Change in radiologist breast cancer screening performance with digital breast tomosynthesis. *JAMA Network Open* 2020 (Accepted for publication).
4. Calip GS, Kidd J, Bernhisel R, Cox HC, SaamJ, Rauscher GH, Lancaster JM, Hoskins KF. Family history of breast cancer in men with non-BRCA male breast cancer: implications for cancer risk counseling. *Breast Cancer Research and Treatment* 2020 (In Press).

5. Rauscher GH, Murphy AM, Dolecek TA, Tossas-Milligan K, Liu Y, Alsheik N. The “Sweet Spot” revisited: optimal recall rates for cancer detection with 2D and 3D digital screening mammography in the Metro Chicago Breast Cancer Registry. *AM J Rontgen* 2020 (In Press).
6. Rauscher GH, Tossas-Milligan K, Macarol T, Grabler PM, Murphy AM. Trends in attaining mammography quality benchmarks with repeated participation in a quality measurement program: Going Beyond the Mammography Quality Standards Act to address breast cancer disparities *Journal of the American College of Radiology* 2020 (In Press).
7. Bissell MCS, Kerlikowske K, Sprague BL, Tice JA, Gard CC, Tossas KY, Rauscher GH, Trentham-Dietz A, Henderson LM, Onega T, Keegan THM, Miglioretti DL. *Cancer Epidemiol Biomarkers Prev* 2020;29 (Online ahead of print).
8. Lowry KP, Coley RY, Miglioretti DL, Kerlikowske K, Henderson LM, Onega T, Sprague BL, Lee JM, Herschorn S, Tosteson ANA, Rauscher G, Lee CI. Comparison of screening performance of digital breast tomosynthesis vs. digital mammography in community practice by patient age, screening round, and breast density. *JAMA Network Open* 2020;3(7):e2011792 (Online ahead of print).
9. Carnahan LC, Rauscher G, Watson KS, Altfeld S, Zimmermann K, Ferrans CE, Molina Y. (In press). Comparing the roles of social context, networks, and perceived social functioning with health-related quality of life among rural female cancer survivors. *Supportive Care in Cancer* 2020 (Online ahead of print).
10. Brewer KC, Peacock NR, Ferrans CE, Campbell RT, Polite B, Carnahan LR, Rauscher GH. Gender- and racial-based differences in barriers and facilitators to early detection of colon. *Journal of Women's Health* 2020 (Online ahead of print).
11. Buist DS, Ichikawa L, Wernli KJ, Lee CI, Henderson LM, Kerlikowske K, Bowles EJA, Miglioretti D, Specht J, Rauscher GH, Sprague B, Onega T, Lee JM. Facility variability in examination indication among women with prior breast cancer: implications and the need for standardization. *J Am Coll Radiol* 2020;17(6):755-764.
12. Carnahan LR, Jones L, Brewer KC, Watts EA, Peterson CE, Ferrans CE, Cipriano-Steffens T, Polite B, Maker AV, Chowdhery R, Molina Y, Rauscher GH. Race and gender differences in awareness of colorectal cancer screening tests and guidelines among recently diagnosed colon cancer patients in an urban setting. *Journal of Cancer Education* 2019 (Online ahead of print).
13. Kresovich JK, Erdal S, Chen HY, Gann PH, Argos M, Rauscher GH. Metallic air pollutants and breast cancer heterogeneity. *Environmental Research* 2019;177:108639 (Online ahead of print). PMID: PMC6717519
14. Kerlikowske K, Sprague BL, Tosteson ANA, Wernli KJ, Rauscher GH, Johnson D, Buist DSM, Onega T, Henderson LM, O’Meara ES, Miglioretti DL. Strategies to Identify Women at High Risk of Advanced Breast Cancer During Routine Screening for Discussion of Supplemental Imaging. *JAMA Internal Medicine* 2019;179(9):1230-1239. PMID: PMC6604099
15. Lee JM, Arao RF, Sprague BL, Kerlikowske K, Lehman CD, Smith RA, Henderson LM, **Rauscher GH**, Miglioretti DL. Performance of Screening Ultrasonography as an Adjunct to Screening Mammography in Women Across the Spectrum of Breast Cancer Risk. *JAMA internal medicine* 2019;179(5):658-667. PMID: PMC6503561
16. Sprague BL, Kerlikowske K, Bowles EJA, Rauscher GH, Lee CI, Tosteson ANA, Miglioretti DL. Trends in Clinical Breast Density Assessment from the Breast Cancer Surveillance Consortium. *J Natl Cancer Inst* 2019;111(6): 629-32. PMID: PMC6579740
17. Tice JA, Bissell MCS, Miglioretti DL, Gard CC, **Rauscher GH**, Dabbous FM, Kerlikowske K. Validation of the Breast Cancer Surveillance Consortium Model of Breast Cancer Risk. *Breast Cancer Research and Treatment* 2019;175(2):519-23.
18. Hirschtick JL, Homan SM, **Rauscher G**, Rubin LH, Johnson TP, Peterson CE, Persky VW. Persistent and aggressive interactions with the police: potential mental health implications. *Epidemiol Psychiatr Sci.* 2019;29:e19.

19. Arasu VA, Miglioretti D, Sprague B, Alsheik N, Buist D, Henderson L, Herschorn S, Lee J, Onega T, **Rauscher Garth**, Wernli K, Lehman C, Kerlikowske K. Population-Based Assessment of the Association Between Magnetic Resonance Imaging Background Parenchymal Enhancement and Future Primary Breast Cancer Risk. *Journal of Clinical Oncology* 2019 37:12, 954-963. PMID: PMC6494266
20. Vijayasiri G, Molina Y, Chukwudozie BI, Tejeda S, Pauls HA, Rauscher GH, Campbell RT, Warnecke RB. Racial disparities in breast cancer survival: the mediating effects of macro-social context and social network factors. *Journal of Health Disparities Research and Practice* 2018;3(11):75-98.
21. Warnecke RB, Campbell RT, Vijayasiri G, Barrett RE, **Rauscher GH**. A Multilevel Examination of Health Disparity: The Roles of Policy, Neighborhood Context, Patient Resources and Healthcare Facilities in Stage at Diagnosis. *Cancer Epidemiology, Biomarkers and Prevention* 2019;28(1):59-66. PMID: PMC6324957
22. Tamayo LI, Vidaurre T, Navarro Vasquez J, Casavilca S, Aramburu Palomino JI, Calderon M, Abugattas JE, Gomez HL, Castaneda CA, Song S, Cherry D, **Rauscher GH**, Fejerman L. Breast cancer subtype and survival among Indigenous American women in Peru. *PLOS ONE* 2018;13(9):e0201287. PMID: PMC6124707
23. Lee CI, Zhu W, Onega TL, Germino J, O'Meara ES, Lehman CD, Henderson LM, Haas JS, Kerlikowske K, Sprague BL, **Rauscher GH**, Tosteson ANA, Alford-Teaster J, Wernli KJ, Miglioretti DL. The Effect of Digital Breast Tomosynthesis Adoption on Facility-Level Breast Cancer Screening Volume. *AJR* 2018; 957-963. PMID: PMC6438161
24. Polite BN, Cipriano-Steffens TM, Hlubocky FJ, Jean-Pierre P, Cheng Y, Brewer KC, **Rauscher GH**, Fitchett GA. Association of Externalizing Religious and Spiritual Beliefs on Stage of Colon Cancer Diagnosis among Black and White Multi-Center Urban Patient Populations. *Cancer* 2018;124(12):2578-2587.
25. Kresovich JK, Gann PH, Erdal S, Chen HY, Argos M, **Rauscher GH**. Candidate gene DNA methylation associations with breast cancer characteristics and tumor progression. *Epigenomics* 2018;10(4):367-378. PMID: PMC5925433
26. Acosta AM, Al Rasheed MRH, **Rauscher GH**, Vormittag E, Mon KS, Sharif A, Kajdacsy-Balla A, Mohapatra G. Tumor Necrosis in Radical Prostatectomies with High-Grade Prostate Cancer is Associated with Multiple Poor Prognostic Features and a High Prevalence of Residual Disease. *Human Pathology* 2018;75:1-9.
27. Jones L, Brewer K, Ferrans CF, Polite B, **Rauscher GH**. Examining Racial Disparities in Colon Cancer Clinical Delay in the Colon Cancer Patterns of Care in Chicago Study. *Annals of Epidemiology* 2017;27(11):731-738. PMID: PMC5728690
28. **Rauscher GH**, Dabbous F, Dolecek TA, Friedewald SM, Tossas-Milligan K, Macarol T, Summerfelt WT. Absence of an anticipated racial disparity in interval breast cancer within a large healthcare organization. *Annals of Epidemiology* 2017;27(10):654-58.
29. Mahmoud AM, Macias V, Al-Alem U, Deaton RJ, Kadjaksy-Balla A, Gann P, **Rauscher GH**. BRCA1 Protein Expression and Subcellular Localization in Primary Breast Cancer: Automated Digital Microscopy Analysis of Tissue Microarrays. *PLoS One* 2017;12(9):e0184385.
30. Lee J, Ichikawa L, Valencia E, Miglioretti DL, Wernli K, Buist DSM, Kerlikowske K, Henderson LM, Sprague BL, Onega T, **Rauscher GH**, Lehman CD. Performance benchmarks for screening breast MRI in community practice. *Radiology* 2017;285(1):44-52.
31. **Rauscher GH**, Silva A, Pauls H, Frasor J, Bonini MG, Hoskins K. Racial disparity in survival from estrogen and progesterone receptor-positive breast cancer: implications for reducing breast cancer mortality disparities. *Breast Cancer Res Treat* 2017;163(2):321-330.
32. Dabbous F, Dolecek TA, Friedewald S, Khan-Gates J, Tossas-Milligan K, Berbaum M, Macarol T, Summerfelt WT, **Rauscher GH**. Performance characteristics of digital vs. film screen mammography in community practice. *Breast Journal* 2018; 24(3):369-372. PMID: PMC5936472

33. Sighoko D, **Rauscher GH**, Murphy M. Male breast cancer: are there racial disparities in incidence and tumor characteristics? *Medical Research Archives* 2017; 5(5):1-15.
34. Tejada S, Stolley MR, Vijayasiri G, Campbell RT, Ferrans CE, Warnecke RB, **Rauscher GH**. Negative Psychological consequences of breast cancer among recently diagnosed ethnically diverse women. *Psycho-Oncology* 2017;26(12):2245-2252.
35. Sighoko D, Murphy M, Irizarry B, **Rauscher GH**, Ferrans C, Ansell D. Changes in the Racial Disparity in Breast Cancer Mortality in the Ten US Cities with the largest African American populations from 1999 to 2013: The Reduction in Breast Cancer Mortality Disparity in Chicago. *Cancer Causes & Control* 2017; 28(6): 563–568.
36. Dabbous F, Dolecek TA, Berbaum M, Friedewald S, Summerfelt WT, Hoskins K, **Rauscher GH**. Impact of a false positive screening mammogram on subsequent screening behavior and stage at breast cancer diagnosis. *Cancer Epidemiol Biom Prev* 2017;26(3):397-403.
37. Sprague BL, Arao R, Miglioretti DL, Henderson LM, Buist DSM Onega T, **Rauscher GH**, Lee JM, Tosteson ANA, Kerlikowske K, Lehman CD. National Performance Benchmarks for Modern Diagnostic Digital Mammography: Update from the Breast Cancer Surveillance Consortium. *Radiology* 2017;283(1):59-69.
38. Lehman CD Arao RF, Sprague BL, Lee JM, Buist DSM, Kerlikowske K, Henderson LM, Onega T, Tosteson ANA, **Rauscher GH**, Miglioretti D. National Performance Benchmarks for Modern Screening Digital Mammography: Update from the Breast Cancer Surveillance Consortium. *Radiology* 2017; 283(1):49-58.
39. Tejada S, Gallardo R, Ferrans CE, Rauscher GH. Breast cancer delay in Latinas: the role of cultural beliefs and acculturation. *Journal of Behavioral Medicine* 2017;40(2):343-351.
40. Benevolenskaya EV, Islam ABMMK, Ahsan H, Kibriya MG, Jasmine F, Wolff B, Al-Alem U, Wiley E, Kajdacsy-Balla A, Macias V, **Rauscher GH**. DNA methylation and hormone receptor status in breast cancer. *Clinical Epigenetics* 2016;8:17. PMID: PMC4754852
41. **Rauscher GH**, Wiley EL, Campbell RT, Wiley E, Hoskins K, Stolley M. Socioeconomic position and reproductive factors mediate racial and ethnic disparities in estrogen/progesterone receptor negative breast cancer. *American Journal of Epidemiology* 2016;183(10): 884–893. PMID: PMC4867153
42. Casadaban L, Rauscher G, Aklilu M, Villenes D, Freels S, Maker AV. Adjuvant Chemotherapy Is Associated with Improved Survival in Patients with Stage II Colon Cancer. *Cancer* 2016;122:3277-87.
43. **Rauscher GH**, Poulin M, Yan L, Kresovich JK, Macias V, Mahmoud A, Al-Alem U, Balla AA, Wiley EL, Tonetti D, Ehrlich M. Exploring DNA methylation changes as early and late events in breast cancer formation. *BMC Cancer* 2015;15:816. PMID: PMC4625569
44. Mortel M, **Rauscher GH**, Murphy AM, Hoskins K, Warnecke RB. Racial and Ethnic disparity in symptomatic breast cancer awareness despite a recent screen: the role of tumor biology and mammography facility characteristics. *Cancer Epidemiol Biomarker Prev* 2015; 24(10): 1599-1606. PMID: PMC4592461
45. Molina Y, Silva A, **Rauscher GH**. Racial/ethnic disparities in time to a breast cancer diagnosis: the mediating effects of healthcare facility factors. *Medical Care* 2015;53:872-8. PMID: PMC4570266
46. Al-Alem U, Rauscher G, Shah E, Batai K, Mahmoud A, Beisner E, Silva A, Peterson C, Kittles R. Association of genetic ancestry with breast cancer in ethnically diverse women from Chicago. *PloS One* 2014;9(11): e112916. PMID: PMC4244099
47. Peterson CE, **Rauscher GH**, Johnson TP, Kirschner CV, Freels S, Barrett RE, S, ML, Joslin CE, Davis FG. The effect of neighborhood disadvantage on the racial disparity in ovarian cancer-specific survival in a large hospital-based study in Cook County, Illinois. *Frontiers in Public Health* 2015;3:8. PMID: PMC4302660
48. Dookeran K, Silva A, Warnecke RB, **Rauscher GH**. Race/Ethnicity and Disparities in Mastectomy Practice in the Breast Cancer Care in Chicago Study. *Annals of Surgical Oncology* 2015;22(1) 66-74.

49. Allgood KL, **Rauscher GH**, Whitman S, Vasquez-Jones G, Shah AM. Validating self-reported mammography use in vulnerable communities: findings and recommendations. *Cancer Epidemiol Biom Prev* 2014;23(8):1649 – 1658. PMID: PMC4135480
50. Peterson C, **Rauscher GH**, Johnson TP, Kirschner CV, Barrett RE, Kim S, Fitzgibbon ML, Joslin CE, Davis FG. The association between neighborhood socioeconomic status and ovarian cancer tumor characteristics. *Cancer Causes and Control* (2014); 25:633–637.
51. Silva A, **Rauscher GH**, Ferrans CE, Hoskins K, Rao R. Assessing the Quality of Race/Ethnicity, Tumor, and Breast Cancer Treatment Information in a non-SEER State Registry. *J Registry Manag* 41: 24-30, 2014.
52. **Rauscher GH**, Murphy AM, Orsi JM, Dupuy DM, Grabler PM, Weldon CB. Beyond MQSA: Measuring the quality of breast cancer screening programs. *American Journal of Roentgenology* 2014;202(1):145-151. PMID: PMC4113079
53. Silva A, **Rauscher GH**, Hoskins K, Rao R, Ferrans CE. Assessing racial/ethnic disparities in chemotherapy treatment among breast cancer patients in context of changing treatment guidelines. *Breast Cancer Res Treat* (2013) 142:667–672. PMID: PMC3895457
54. **Rauscher GH**, Conant EF, Khan J, Berbaum ML. Mammogram image quality as a potential contributor to disparities in breast cancer stage at diagnosis: an observational study. *BMC Cancer* 2013;13(208). PMID: PMC3641949
55. **Rauscher GH**, Khan J, Berbaum ML, Conant EF. Potentially missed detection with screening mammography: does the quality of radiologist’s interpretation vary by patient socioeconomic advantage/disadvantage? *Annals of Epidemiology* 2012;23(4): 210-214. PMID: PMC3633590
56. **Rauscher GH**, Allgood KL, Whitman S, Conant E. Disparities in screening mammography services by race/ethnicity and health insurance. *Journal of Women’s Health* 2012;21(2):154-60. PMID: PMC3270049
57. Kaiser KK, **Rauscher GH**, Jacobs EA, Strenski TA, Ferrans CE, Warnecke RB. “The Import of Trust in Regular Physicians to Trust in Cancer Physicians among White, African American, and Hispanic Breast Cancer Patients.” *Journal of General Internal Medicine* 2010; 26(1):51–7. PMID: PMC3024096
58. **Rauscher GH**, Ferrans CE, Kaiser KK, Campbell RT, Calhoun E, Warnecke RB. Misconceptions about breast lumps and delayed medical presentation in urban breast cancer patients. *Cancer Epidemiology, Biomarkers and Prevention* 2010;19(3):640-7. PMID: PMC3625394
59. Djuric Z, Bird CE, Furumoto-Dawson A, **Rauscher GH**, Ruffin MT, Stowe RP, Tucker KL, Masi CM. Biomarkers of Psychological Stress in Health Disparities Research. *The Open Biomarkers Journal* 2008;1:7-19. PMID: PMC2841407
60. Holmes JH, Lehman A, Hade E, Ferketich AK, Gehlert S, **Rauscher GH**, Abrams J, Bird CE. Challenges for Multi-Level Health Disparities Research in a Transdisciplinary Environment. *American Journal of Preventive Medicine* 2008;35(2):S182 - S192. PMID: PMC2580051
61. Rankin KM, **Rauscher GH**, McCarthy B, Erdal S, Lada P, Il’yasova D, Davis F. Comparing the reliability of responses to telephone-administered vs. self-administered web-based surveys in a case-control study of adult malignant brain cancer. *Cancer Epidemiol Biomarkers Prev* 2008;17(10):2639-2646. PMID: PMC3399003
62. **Rauscher GH**, Johnson TP, Cho YI, Schlichting J. Accuracy of self-reported cancer screening histories: a meta-analysis. *Cancer Epidemiology Biomarkers and Prevention* 2008;17:748-757.
63. **Rauscher GH**, Poole C. Common referent versus shifting referent methods when using case-control data to examine patterns of incidence across multiple exposure variables. *Annals of Epidemiology* 2006;16(10):743-8.
64. Terry P, Shore DL, **Rauscher GH**, Sandler DP. Occupation, hobbies, and acute leukemia in adults. *Leukemia Research* 2005; 29(10):1117-30.

65. **Rauscher GH**, Tropman Hawley S, Earp JL. Baseline predictors of initiation vs. maintenance of regular mammography use among rural women. *Preventive Medicine* 2005; 40(6):822-30.
66. **Rauscher GH**, Sandler DP. Validating cancer histories in deceased relatives of leukemia cases and controls. *Epidemiology* 2005; 16(2):262-65.
67. **Rauscher GH**, Shore D, Sandler DP. Alcohol intake and incidence of de novo adult acute leukemia. *Leukemia Research* 2004;28(12):1263-1265.
68. **Rauscher GH**, Shore D, Sandler DP. Hair dye use and risk of adult acute leukemia. *American Journal of Epidemiology* 2004; 159(12).
69. **Rauscher GH**, Earp JA, O'Malley MS. Relation between intervention exposures, changes in attitudes, and mammography use in the North Carolina Breast Cancer Screening Program. *Cancer Epidemiology Biomarkers and Prevention* 2004;13(5):741-7.
70. **Rauscher GH**, Sandler DP, Poole C, Pankow J, Shore D, Bloomfield CD, Olshan AF. Is family history of breast cancer a marker of susceptibility to exposures in the incidence of de novo adult acute leukemia? *Cancer Epidemiology Biomarkers and Prevention* 2003;12(4):289-94.
71. **Rauscher GH**, Sandler DP, Poole C, Pankow J, Mitchell B, Bloomfield CD, Olshan AF. Family history of cancer and incidence of acute leukemia in adults. *American Journal of Epidemiology* 2002;156:517-26.
72. **Rauscher GH**, O'Malley MS, Earp JL. How consistently do women report lifetime mammograms at successive interviews? *American Journal of Preventive Medicine* 2002;22(1): 8-14.
73. Earp JL, Eng E, O'Malley MS, Altpeter M, **Rauscher GH**, Mayne L, Mathews HF, Lynch K, Qaqish B. Increasing Use of Mammography among Older, Rural, African American Women: Results from a Community Trial. *American Journal of Public Health* 2002;92(4):646-54. PMID: PMC1447131
74. **Rauscher GH**, Mayne ST, Janerich DT. Relation between body mass index and lung cancer risk in men and women never and former smokers. *American Journal of Epidemiology* 2000;152 (6):506-13.

With:

Kerlikowske K, Zhu W, Tosteson AN, Sprague BL, Tice JA, Lehman CD, Miglioretti DL; Breast Cancer Surveillance Consortium (With Rauscher GH). *Ann Intern Med* 2015;162(10):673-81. Identifying women with dense breasts at high risk for interval cancer: a cohort study. *Ann Intern Med.* 2015 May 19;162(10):673-81. doi: 10.7326/M14-1465.

Buist, D SM, Abraham L, Lee CI, Lee JM, Lehman C, O'Meara ES, Stout NK, Henderson LM, Hill D, Wernli KJ, Haas JS, Tosteson ANA, Kerlikowske K, Onega T, Breast Cancer Surveillance Consortium (With Rauscher GH). Breast biopsy intensity and findings following breast cancer screening in women with and without a personal history of breast cancer. *JAMA Internal Medicine* *JAMA Intern Med.* 2018;178(4):458-468.

PEER-REVIEWED ARTICLES UNDER REVIEW

1. Brewer K, Ferrans CE, Polite BN, Chowdhery RA, Maker AV, Campbell RT, Rauscher GH. Gender disparities in mode of presentation among newly diagnosed patients in the Colon Cancer Patterns of Care in Chicago Study. *Cancer Causes & Control* (Submitted Nov 2017)
2. Sanchez Diaz CT, Strayhorn SM, Tejeda S, Vijayasiri G, Molina Y, Garth H. Rauscher GH. What mediates the racial/ethnic disparity in psychosocial stress among breast cancer patients? *Cancer Epidemiology Biomarkers and Prevention*
3. Dabbous FM, Rauscher GH, Dolecek T, Dabbous H, Friedewald S, Macarol T, Alsheik N. Diagnostic accuracy of core needle biopsy by image guidance and vacuum assistance. Revise and resubmit as of 9-11-20
4. Vijayasiri G, Rauscher GH, Chukwudozie BI, Campbell RT, Warnecke RB. Social Support Needs in a Racially Diverse Sample of Breast Cancer Patients: Social Network Factors as Predictors of Support. Ethnicity and Health (Submitted Dec 2017)

ARTICLES UNDER DEVELOPMENT

Breast Cancer Care in Chicago

- Rauscher GH, Silva A, Khan J, Molina Y, Murphy AM, Alsheik N. Examining the downstream influence of facility accreditation and Disproportionate Share status at initial medical presentation on diagnostic work-up and treatment recommendations for breast cancer. *Medical Care*.
- Silva A, Rauscher GH, Ferrans CE, Hoskins K, Rao R. "Assessment of Racial/Ethnic Disparities in Radiation treatment Recommendation and Initiation among Breast Cancer Patients". Under Review.
- Tossas-Milligan K, Dabbous F, Hoskins K, Friedewald S, Seewaldt V Rauscher GH. Patient risk factors for high mammographic breast density and their contributions to racial/ethnic differences in breast density. *Cancer Medicine* 2017 (Being resubmitted elsewhere).

Colon Cancer Patterns of Care in Chicago

- Carnahan L... Rauscher GH. Colon cancer survival manuscript

Breast Cancer Surveillance Consortium

- Sprague BL, Coley RY, Kerlikowske K, Rauscher GH, Henderson LM, Onega T, Lee CI, Herschorn SD, Tosteson ANA, Miglioretti DL. Change in radiologist breast cancer screening recall rates after digital breast tomosynthesis adoption. Formatted for JAMA as a Brief Report.
- Lehman C et al. Breast Cancer Characteristics Associated with MRI versus Mammography for Screen Detected and Interval Cancers

Book Chapter

1. Allgood KL, Rauscher GH, Whitman S. Chapter 5: Screening Mammography Need, Utilization and Capacity in Chicago: Can We Fulfill Our Mission and Our Promises? *Mammography - Recent Advances 2012*, book edited by Nachiko Uchiyama and Marcelo Zanchetta do Nascimento, ISBN 978-953-51-0285-4, Published: March 16, 2012.

PEER-REVIEWED PUBLISHED ABSTRACTS

Abstract 4208: Integrated molecular approach to identify biological factors contributing to breast cancer disparities in Chicago. *Cancer research* 2019;79(13) Supplement.

Al-Alem U, Rauscher G, Shah E, Batai K, Mahmoud AM, Beisner E, Silva A, Peterson C, Kittles R. The Relevance of Genetic Ancestry in Aggressive Breast Cancer. *Annals of Epidemiology* Volume 22, Issue 9, Page 663, September 2012.

Murphy AM, Dupuy DM, Orsi JM, Rauscher GH. Quality improvement as a tool to reduce health outcomes disparities in breast cancer: The Chicago Breast Cancer Quality Consortium as a model. *Cancer Epidemiol Biomarkers Prev* September 18, 2011 20:A101.

Rauscher GH, Berbaum M, Whitman S, Warnecke RP. Mammography Practice Characteristics and Disparities in Breast Cancer Stage at Diagnosis. *American Journal of Epidemiology* 2009;(Suppl).

Rauscher GH, Weaver KE, Warnecke RP. Does timing of care explain racial/ethnic disparities in breast cancer stage at diagnosis? *American Journal of Epidemiology* 2007;165(11:Suppl):S147

Rauscher GH, Rankin K, Erdal S, Davis F. Comparing the reliability of responses to telephone-administered vs. self-administered web-based surveys in a case-control study of adult malignant brain cancer. *American Journal of Epidemiology* 2007;165(11:Suppl):S49

Rauscher GH, Demertas H. Validation of the linear risk model for estimating absolute effects in public health research. *American Journal of Epidemiology* 2007;165(11:Suppl):S61.

Rauscher GH, Demertas H, Cho CC, Earp JL. Adjusting for dropout in an intervention to reduce the Black-White gap in mammography use. *American Journal of Epidemiology* 2007;165(11:Suppl):S61.

Rauscher GH, Walk J, Johnson T. Accuracy of self-reported cancer screening histories: a meta-analysis. *American Journal of Epidemiology* 2005;161(11:Suppl):S131.

Rauscher G, McCarthy BJ, Rankin K, Kobiakka M, Davis F. Methodological issues in the conduct of brain tumor case-control studies—a pilot study. *Neuro-oncology* 2003;5(4):296.

Rauscher GH, Poole C. Pitfalls of using relative risk interaction to interpret patterns of risk. *Annals of Epidemiology* 2003;13(8):585.

Rauscher GH, Shore D, Sandler DP. Hair dye use and incidence of adult acute leukemia. *Proc. Amer. Assoc. Cancer Res.* (2nd ed.), 44: R1560, 2003.

Rauscher GH, Shore D, Sandler DP. Alcohol intake and incidence of adult acute leukemia. *Proc. Amer. Assoc. Cancer Res.* (2nd ed.), 44: R1562, 2003.

Rauscher GH, Kupelian VA, Davis F, Mallin K, Rosenblatt K. Tubal ligation, hysterectomy, and interactions with parity in the incidence of ovarian cancer. *Proc. Amer. Assoc. Cancer Res.* (2nd ed.), 44: R1551, 2003.

CONFERENCE ORAL PRESENTATIONS

Madak-Erdogan z, Danciu O, Patel H, Banks L, Buckley J, Rauscher GH, Fareeduddin A, Martin E, Garcia J, Schulte L, Taiym D, Kim J, Gradishar W, Hegerty S, Frasor J, Hoskins K. Integrated molecular approach to identify biological factors contributing to breast cancer disparities in Chicago.

Rauscher GH. Examining Breast Cancer Disparities Within A Single, Large Healthcare Organization: Comparison To Population-Based Data. Annual Meeting of the Komen Graduate Training in Disparities Research conference. Ft. Lauderdale, FL, September 2016.

Dolecek T, Dabbous F, Macarol T, Summerfelt WT, Rauscher GH. Annual versus Biennial Mammography Screening and Stage at Diagnosis of Breast Cancer in Illinois. NAACCR 2016 Annual Conference, “Gateway to Cancer Discoveries”, St. Louis, MO, June 11–16, 2016.

Rauscher GH, Dabbous F, Dolecek T, Macarol T, Tossas-Milligan KY, Khan J, Friedewald S, Summerfelt WT. A reverse racial disparity with respect to interval breast cancer rates within a large healthcare organization has implications for eliminating disparities more generally. 8th AACR Conference on the Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved, November 13-16, 2015, Atlanta.

Rauscher GH. Using mediation analyses to understand disparities in breast cancer stage at diagnosis. Oral presentation at the 2012 annual meeting of the American College of Epidemiology, Chicago.

Rauscher GH. Mammography quality and breast cancer disparities in Chicago. Presented on 10/26/10 at the 2010 annual meeting of the National Cancer Institute’s Breast Cancer Surveillance Consortium (BCSC) Meeting, Seattle, Washington.

Rauscher GH, Berbaum M, Whitman S, Warnecke RB. Mammography Practice Characteristics and Disparities in Breast Cancer Stage at Diagnosis. Presented on 06/26/09 at the 2009 meeting of the Society for Epidemiologic Research in Anaheim, CA.

Rauscher GH, Weaver KE, Warnecke RB. Method of discovery, timing of care and racial/ethnic disparities in breast cancer stage at diagnosis. Presented on 06/22/07 at the 2007 meeting of the Society for Epidemiologic Research in Boston, MA.

Rauscher GH, Rankin K, Erdal S, Davis F. Comparing the reliability of responses to telephone-administered vs. self-administered web-based surveys in a case-control study of adult malignant brain cancer. Presented on 06/21/07 at the 2007 meeting of the Society for Epidemiologic Research in Boston, MA.

Rauscher GH, Davis F, Davis M, Warnecke RB. Does timing of health care explain racial/ethnic disparities in breast cancer stage at diagnosis? Presented on June 7th, 2007 at the Center for Population Health and Health Disparities 2007 Annual Grantees meeting.

Davis F, Erdal S, McCarthy B, Rauscher G, Mendes, J, Rosul L, Bigner D. Assessing Human Exposure to Animal Neurocarcinogens: A Pilot Study. International Conference on Environmental Epidemiology & Exposure, September 2006, Paris.

CONFERENCE POSTER PRESENTATIONS

Rauscher GH, et al. Society for Epidemiologic Research, December 2020 (online meeting).

Rauscher GH, et al. Society for Epidemiologic Research, December 2020 (online meeting).

Sanchez-Diaz C, et al. Society for Epidemiologic Research, December 2020 (online meeting).

Khan-Gates J, et al. Society for Epidemiologic Research, December 2020 (online meeting).

Khan-Gates J, et al. Society for Epidemiologic Research, December 2020 (online meeting).

Cronin M, Vijayasiri G, Rauscher GH, Molina Y, Khanna AS. Modeling the Impact of Navigated Care on Population-level Breast Cancer Outcomes among African-American Women in Chicago. International Network for Social Network Analysis, Annual meeting, June 2020 (Paris).

Oana Danciu, George Chlipala, Zaynep Madak-Erdogan, Hariyali Patel, Ayesha Zaidi, Landan Banks, Anita Fareeduddin, Elonia Martin, Carolos Garcia, Lauren Schulte, Lauren Weller, Deanna Taiym, Elona Hazizi, Natalie Pulliam, Sarah Friedewald, Seema Khan, Julie Kim, William Gradishar, Scott Hegerty, Garth Rauscher, Jonna Frasor, Kent Hoskins. Racial differences in circulating inflammatory cytokines and breast cancer disparities. AACR 2020.

Abraham I, Rauscher GH, Patel A, Stock W, Zia M, Bharadwaj S, Paydary K, Acevedo-Mendez M, Galvin JP, Pearse W, Altman J, Quigley JG, Rajakumar P, Larson M, Khan I. Racial, Demographic and Socioeconomic Disparities in Treatment Patterns and Outcomes in AML. 61st annual meeting of the The American Society of Hematology, December 7-10, 2019.

Kaushiva A, Kresovich J, Erdal S, Rauscher GH. Disparities in Toxic Heavy Metal Burden and breast cancer risk: findings from the Metropolitan Chicago Breast Cancer Registry. AACR 12th Annual Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved, San-Fransisco, CA, September 2019.

Sánchez-Díaz C., Rauscher GH. Racial/ethnic disparities in Breast Cancer Survival by Subtypes: The Role of Obesity. AACR 12th Annual Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved, San-Fransisco, CA, September 2019.

Rauscher GH, Murphy AM, Dolecek TA, Macarol T, Nguyen H, Tossas-Milligan K, Liu Y, Alsheik NH. The “Sweet Spot” revisited: optimal recall rates for cancer detection with 2D and 3D digital screening mammography in the Metro Chicago Breast Cancer Registry (MCBCR). 2019 Society for Epidemiologic Research, Minneapolis, MN.

Carnahan LR, Jones L, Brewer K, Molina Y, Rauscher GH. Race and gender differences in awareness of colorectal cancer screening tests among recently diagnosed colon cancer. AACR 11th Annual Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved, New Orleans, LA, November 2018.

Carnahan LR, Jones L, Brewer K, Rauscher GH. Insurance status is a predictor of mode of colon cancer detection but not stage at diagnosis: What this means for early detection. AACR 11th Annual Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved, New Orleans, LA, November 2018.

Kaushiva A, Hong S, Tossas-Milligan K, Molina Y, Rauscher G. Influence of cholesterol screening on breast cancer detection & survival in the Breast Cancer Care in Chicago Study. AACR 11th Annual Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved, New Orleans, LA, November 2018.

Sánchez-Díaz C, Molina Y, Rauscher G. The mediating role of unmet social support needs on the racial/ethnic disparity in psychosocial stress among breast cancer patients. AACR 11th Annual Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved, New Orleans, LA, November 2018.

Alim JM, Hoskins K, Mahmoud AM, Macias V, Kajdacsy-Balla A, Rauscher GH. Racial disparity in the prevalence of BCL-2 expression and associations with breast cancer survival in the Breast Cancer Care in Chicago study. AACR 11th Annual Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved, New Orleans, LA, November 2018.

Dolecek TA, Dabbous FM, Hughes AG, Macarol T, Alsheik NH, Rauscher GH. Enhancement of the Metro Chicago Breast Cancer Registry (MCBCR) Through Data Linkages. NAACCR conference, June 9 -14, 2018, Pittsburgh, Pennsylvania.

Matthew Poulin M, Ryan Drennan R, Andrew Miller A, Ann Meyer A, Garth Rauscher G, Yan L. Establishment and Validation of a Breast Cancer Panel Using Targeted Next Generation Bisulfite Sequencing (tNGBS). 2017 meeting of the American Association for Cancer Research, April 1-5, 2017, Washington, D.C.

Lee CI, Germino J, Zhu W, O'Meara ES, Onega T, Henderson LM, Kerlikowske K, Sprague BL, Rauscher GH, Lehman CD, Haas J, Tosteson ANA, Hill D, Alford-Teaster J, Wernli K, Stout N, Miglioretti DL. The Effect of New Technology Adoption on Facility Breast Cancer Screening Volume. RSNA 2017. 11-26-12-1-17, Chicago.

Firas M Dabbous, Sarah M. Friedewald, Ellen O'Meara, Donald L. Weaver, Karen Wernli, Kimberly Ray, Garth H Rauscher. Diagnostic accuracy of core needle biopsy by image guidance and vacuum assistance. ASCO Annual Meeting (June 2-6, 2017).

Calip GS, Exten KR, Rauscher GH, Brown K, Bernhisel R, Kidd J, Saam J, Lancaster J, Hoskins K. Family history of breast cancer in non-BRCA male breast cancer: A case-control study. ASCO Annual Meeting (June 2-6, 2017).

Molina Y, Vijayasiri G, Fisher JC, Brown T, Moody J, Warnecke R, Rauscher G. Network density and medical mistrust among breast cancer patients: Do relationships vary by ethnicity? 2017 Sunbelt Conference of the International Network For Social Network Analysis (INSNA).

Hughes AG, Silva A, Murphy AM, Rauscher GH. Are breast cancer diagnostic and treatment outcomes associated with characteristics of the facility where the problem was initially presented to the health care system? Implications for racial/ethnic disparities in breast cancer outcomes. 2017 American Society of Preventive Oncology, Seattle.

Sanchez CT, Murphy AM, Molina Y, Rauscher GH. Comparison of breast cancer diagnostic outcomes for patients with Medicaid vs. no health insurance, 2005-2008. 2017 (March 13) American Society of Preventive Oncology, Seattle.

Tamayo L, Vidaurre T, Vásquez JN, Casavilca S, Palomino JIA, Calderon M, Rauscher GH, Fejerman L. Breast cancer characteristics among Indigenous American women from Peru. 2017 meeting of the American Association for Cancer Research, April 1-5, 2017, Washington, D.C.

Lee JM, Sprague BL, Kerlikowske K, Arao RF, Lehman CD, Smith R, Henderson LM, Rauscher GH, Miglioretti DL. Performance of Screening Ultrasound as an Adjunct to Screening Mammography in Women with Dense Breast Tissue. SBI 2017.

Hughes AG, Silva A, Murphy AM, Rauscher GH. Are breast cancer diagnostic and treatment outcomes associated with characteristics of the facility where the problem was initially presented to the health care system? Implications for racial/ethnic disparities in breast cancer outcomes. Poster presented at the 9th AACR Conference on the Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved, Ft. Lauderdale, FL, 2016.

Irizarry B, Rauscher GH, Murphy AM. Towards more equitable quality of breast cancer care: The role of the Chicago Breast Cancer Quality Consortium and expansion throughout the state of Illinois. Poster presented at the 9th AACR Conference on the Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved, Ft. Lauderdale, FL, 2016.

Tossas-milligan KY, Dabbous F, Dolecek T, Macarol T, Summerfelt WT, Rauscher GH. Patient risk factors for high mammographic breast density and their contributions to ethnic differences in breast density. Oral presentation at the 9th AACR Conference on the Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved, Ft. Lauderdale, FL, 2016.

Dolecek T, Dabbous F, Macarol T, Summerfelt WT, Rauscher GH. Annual versus Biennial Mammography Screening and Stage at Diagnosis of Breast Cancer in Illinois. NAACCR North American Association of Central Cancer Registries Annual Conference, St. Louis Missouri, June 11-17, 2016.

Rauscher GH, Dabbous F, Dolecek T, Macarol T, Tossas-Milligan KY, Khan J, Friedewald S, Summerfelt WT. A reverse racial disparity with respect to interval breast cancer rates within a large healthcare organization has implications for eliminating disparities more generally. 8th AACR Conference on the Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved, November 13-16, 2015, Atlanta.

Tossas-Milligan KY, Dabbous F, Rauscher GH. Is the influence of high mammographic breast density on breast cancer incidence the same for non-Latina Black and White women. 8th AACR Conference on the Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved, November 13-16, 2015, Atlanta.

Irizarry B, Dookeran K, Rauscher GH. Exploring Disparities in Sentinel Lymph Node Biopsy within the Breast Cancer Care in Chicago Study. 8th AACR Conference on the Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved, November 13-16, 2015, Atlanta.

Dookeran K, Kresovich JK, Argos M, Rauscher GH. The role of *KCNK9* and *TP53* on the racial disparity in biologically aggressive breast cancer subtype in the Cancer Genome Atlas (TCGA). 8th AACR Conference on the Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved, November 13-16, 2015, Atlanta.

Pauls HA, Rauscher GH, Campbell RT, Warnecke RB. Racial ethnic differences in breast cancer survival among Chicago women. 2015 Annual conferences of the CPHHD grantees, Chapel Hill, NC.

Tossas-Milligan KY, Irizarry B, Rauscher GH, Murphy AM. Racial/ethnic and socioeconomic disparities in access to specialized mammography resources in a statewide sample of mammography facilities in Illinois. 2015 Annual conferences of the CPHHD grantees, Chapel Hill, NC.

Kresovich JK, Poulin M, Yan L, Macias V, Mahmoud A, Al-Alem U, Balla AA, Wiley EL, Tonetti D, Ehrlich M, Rauscher GH. DNA methylation changes as early events in breast cancer formation. 2015 Annual conferences of the CPHHD grantees, Chapel Hill, NC.

Dookeran KA, Argos M, Kresovich JK, Rauscher GH. The influence of *KCNK9* on the black/white triple negative breast cancer disparity. 2015 Annual conferences of the CPHHD grantees, Chapel Hill, NC.

Mahmoud AM, Al-Alem U, Deaton RJ, Macias V, Kajdacsy-Balla A, Gann PH, Rauscher GH. BRCA1 protein expression and subcellular localization in primary breast cancer: Automated digital microscopy analysis of tissue microarrays. 106th AACR Annual Meeting.

Mahmoud AM, Al-Alem U, Macias V, Kresovich JK, Kajdacsy-Balla A, Wiley EL, Rauscher GH. Androgen receptor is an independent prognostic marker of breast cancer in ethnically diverse women from Chicago. 106th AACR Annual Meetings.

Polite BN, Cipriano TM, Hlubocky FJ, Jean-Pierre P, Brewer K, Cheng Y, Rauscher GH, Fitchett G. Religious Beliefs and Stage at Diagnosis in a Bi-racial Sample of Newly Diagnosed Colon Cancer Patients. Abstract #150693, ASCO 2015 (January 15-17, 2015) (Submitted)

Dookeran KA, Argos M, Kresovich JK, Rauscher GH. Characterization of *KCNK9* in The Cancer Genome Atlas breast cancer dataset. Abstract #150470, ASCO 2015.

Tossas-Milligan KY, Rauscher GH, Murphy AM. Factors associated with perceptions of breast radiologists regarding the accuracy and usefulness of mammography audits. Abstract #153170, ASCO 2015 (January 15-17, 2015)

Casadaban L, Villenes D, Rauscher G, Aklilu M, Maker AV. Modern era adjuvant chemotherapy is associated with improved survival in patients with stage II colon cancer. ASCO 2015 Gastrointestinal Cancers Symposium (January 15-17, 2015)

Irizarry B, Tossas-Milligan KY, Rauscher G, Murphy AM. Racial/ethnic and socioeconomic disparities in access to screening mammograms in a statewide sample of mammography facilities in Illinois. 7th AACR Conference on the Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved, November 9-12, 2014, San Antonio, TX.

Tossas-Milligan KY, Irizarry B, Murphy AM, Rauscher GH. Trends in mammography quality benchmarks met over time: Moving beyond the Mammography Quality Standards Act to address breast cancer disparities. Poster presented at the 7th AACR Conference on the Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved, November 9-12, 2014, San Antonio, TX.

Dookeran KA, Mahmoud AM, Poulin M, Yan L, Ehrlich M, Kresovich JK, Macias V, Balla A, Wiley W, Rauscher GH. Exploring the role of reproductive factors and DNA methylation in ethnic disparities in breast cancer aggressiveness. 7th AACR Conference on the Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved, November 9-12, 2014, San Antonio, TX.

Kresovich JK, Poulin M, Yan L, Macias V, Mahmoud A, Al-Alem U, Balla AA, Wiley EL, Tonetti D, Ehrlich M, Rauscher GH. Exploring DNA methylation changes as early events in breast cancer formation. Annual meeting of the Centers for Population Health and Health Disparities, May19-21, 2014, Los Angeles.

FM Dabbous, J Khan-Gates, T Macarol, TA Dolecek, S Friedewald, AM Murphy, Wm. Thomas Summerfelt, GH Rauscher. Comparison of false negative probabilities for digital and film mammography within a large healthcare organization [abstract]. American Society of Clinical Oncology. Chicago, May-June 2014.

FM Dabbous, J Khan-Gates, T Macarol, TA Dolecek, S Friedewald, AM Murphy, Wm. Thomas Summerfelt, GH Rauscher. Is digital mammography associated with a higher risk of false positive results? Findings from a community setting [abstract]. American Society of Clinical Oncology. Chicago, May-June 2014.

Mahmoud AM, Macias V, Kresovich JK, Dookeran KA, Kajdacsy-Balla A, Wiley EL, Rauscher GH. Is p53 an Independent Marker of Aggressiveness in an Ethnically Diverse Sample of Breast Cancer Patients, after Accounting for Molecular Subtype? 103RD USCAP (United States and Canadian Academy of Pathology) Annual meeting, March 2014, San Diego.

Mahmoud AM, Macias V, Al-Alem U, Kresovich JK, Khramtsova G, Kajdacsy-Balla A, Wiley EL, Rauscher GH. Ki67 is an Independent Prognostic Marker in Breast Cancer Even after Accounting for Molecular Subtype. 105th AACR American Association of Cancer Research) Annual Meeting, April 5-9, 2014, San Diego.

Mahmoud AM, Macias V, Kresovich JK, Kajdacsy-Balla A, Wiley EL, Rauscher GH. Mode of Breast Cancer Detection: Do Markers of Tumor Aggressiveness Predict which Tumors are "Missed" at Screening? 105th AACR American Association of Cancer Research) Annual Meeting,, April 5-9, 2014, San Diego.

Dookeran KA, Silva A, Rauscher GH. Race/ethnicity and disparities in mastectomy use in the Breast Cancer Care in Chicago Study. 6th AACR Conference on the Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved, December 6-9, 2013, Atlanta GA.

Gallardo RI, Rauscher GH, Ferrans CE. Cultural beliefs among Latina women: the role of acculturation and impact on timeliness of breast cancer care. 6th AACR Conference on the Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved, December 2013.

Dabbous FM, Rauscher GH, Macarol T, Khan J, Dolecek TA, Friedewald S, Francois T, Summerfelt WT. Examining racial/ethnic disparities in mammography screening performance in a single, large healthcare organization. 6th AACR Conference on the Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved, December 2013.

Khan J, Rauscher GH Travel burden to breast biopsy facilities by race and income in Chicago. 6th AACR Conference on the Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved, December 2013.

Kresovich J, Al Alem U, Poulin M, Yang L, Ehrlich M, Rauscher GH. DNA methylation and breast cancer disparities: a candidate gene approach. Poster presentation at the 2013 annual meeting of the Centers for Population Health and Health Disparities, Boston.

Rauscher GH, Brewer K, Parsons J, Calhoun E, Ferrans C. Mode of colon cancer detection and stage at diagnosis: interactions with age at diagnosis. Poster presented at the Society for Epidemiologic research, June 2013.

Rauscher GH, Brewer K, Parsons J, Calhoun E, Ferrans C. Gender disparities in mode of detection: Men are more likely than women to report a screen-detected colon cancer." Presented at the American Society for Preventive Oncology, March 2013.

Khan J, Rauscher GH. Drive Time to Breast Cancer Care Facilities by Race and Income in Chicago. Annual conference of the Centers for Population Health and Health Disparities, 2013

Silva A, Rauscher GH. Identifying mediators of the racial/ethnic disparity in breast cancer treatment delay. Poster presentation at the 2012 annual meeting of the American College of Epidemiology, Chicago.

Silva A, Rauscher GH. Mutable factors mediate racial/ethnic disparities in the delay of breast cancer diagnoses. Poster presentation at the 2012 annual meeting of the American College of Epidemiology, Chicago.

Khan J, Orsi J, Murphy AM, Dupuy D, Rauscher GH. The distribution of mammography facility characteristics in metropolitan Chicago. Poster presentation at the August 2012 annual meeting of the American College of Epidemiology, Chicago.

Silva A, Rauscher GH, Rao R, Hoskins K. Mediators of Racial/Ethnic Disparities in Radiation Treatment among Breast Cancer Patients. Fifth AACR Conference on the Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved, October 2012.

Silva A, Rauscher GH, Hoskins K Rao R. Is There a Reverse Racial/Ethnic Disparity in Chemotherapy Treatment Among Breast Cancer Patients? Fifth AACR Conference on the Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved, October 2012.

Khan J, Orsi J, Rauscher GH, Murphy AM, Dupuy D. The distribution of mammography facility and census tract characteristics in Chicago. Fifth AACR Conference on the Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved, October 2012.

Gallardo RI, Rauscher GH, Ferrans CE. Examining factors associated with high levels of breast cancer beliefs among Hispanic women. Fifth AACR Conference on the Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved, October 2012.

Rauscher GH, AL-Alem U, Warnecke RB. Does psychosocial stress play a role in the etiology of aggressive breast cancer? A cross-sectional study. Presented at the 2012 American Association for Cancer Research conference “The Science of Cancer Health Disparities” in Washington DC, October 2011.

Brewer K et al, ACE 2012

Al-Alem U, Rauscher GH, Shah E, Batai K, Mostafa A, Erin Beisner, Silva A, Peterson C, Kittles R. The relevance of genetic ancestry in aggressive breast cancer. Poster presentation at the June 2012 annual meeting of the Centers for Population Health and Health Disparities, Seattle.

Dookeran KA, Rauscher GH, Silva A. History of Screening Mammography and Risk of Mastectomy among Women with Breast Cancer. Poster presentation at the 2012 annual meeting of the Society for Epidemiologic Research, Minneapolis.

Rauscher GH, Tonetti DA. Reproductive factors help to explain racial/ethnic disparities in breast cancer aggressiveness. Garth H Rauscher*, Debra A Tonetti. Poster presentation at the 2012 annual meeting of the Society for Epidemiologic Research, Minneapolis.

Rauscher GH, Campbell RT, Weaver K, Warnecke RB. Health care access and breast cancer aggressiveness contribute separately to racial/ethnic disparities in stage at diagnosis. Presented at the 2011 American Association for Cancer Research conference “The Science of Cancer Health Disparities” in Washington DC, September 18-21, 2011.

Khan J, Conant EF, Rauscher GH. Potential missed opportunities for early detection with screening mammography: does the quality of radiologist’s interpretation vary by patient socioeconomic advantage/disadvantage? Presented at the 2011 American Association for Cancer Research conference “The Science of Cancer Health Disparities” in Washington DC, September 18-21, 2011.

Rauscher GH, Ahsan H, Kibriya M, Dai Y, Wiley E, Kajdacsy-Balla A, Macias V, Levenson V, Tonetti D, Ehrlich M. DNA methylation and hormone receptor status in breast cancer. Poster presented on 6/23/2011 at the 3rd North American Congress of Epidemiology, Montreal, Quebec, Canada.

Richard E. Barrett RE, Cho YI, Rauscher GH, Johnson TP, Calhoun EA, Warnecke RB. The Sociodemographic Environments of the Growth of Community Health Centers in Chicago and Their Effects on Breast Cancer Diagnosis and Treatment. National Association of Community Health Centers 2009 Convention, 8/21- 8/25/2009.

Rauscher GH, Conant EF, Zahora C, Camargo MC, Martens NM, Silva A, Beam CA Facility practice characteristics explain differences in mammogram image quality by patient race/ethnicity. Poster presented on 03/09/09 at the 33rd Annual ASPO Meeting of the Society for Preventive Oncology in Tampa, Florida.

Rauscher GH, Demertas H. Validation of the linear risk model for estimating absolute effects in public health research. Poster presented on 06/21/07 at the 2007 meeting of the Society for Epidemiologic Research in Boston, MA.

Rauscher GH, Demertas H, Cho CC, Earp JL. Adjusting for dropout in an intervention to reduce the Black-White gap in mammography use. Poster presented on 06/21/07 at the 2007 meeting of the Society for Epidemiologic Research in Boston, MA.

Ferrans C, Rauscher GH, Akpan B, Johnson T, Ramirez D, Willis M, Warnecke R. ONS Cultural beliefs contributing to disparities in later-stage breast cancer among newly-diagnosed African-American, Latina, and Caucasian women. 9th National Conference on Cancer Nursing Research, 2006.

Rauscher GH, Walk J, Johnson T. Accuracy of self-reported cancer screening histories: a meta-analysis. Poster presented at the 2005 meeting of the Society for Epidemiologic Research in Toronto, Canada.

Rauscher GH, Rankin K, Erdal S, McCarthy B, Davis F. Feasibility of Web-based versus Telephone Interviews as a Data Collection Method in Epidemiology Studies of Brain Tumor Patients. Second quadrennial meeting of the World Federation of NeuroOncology / EANO VI, June 2005 Edinburgh, United Kingdom.

Rauscher G, McCarthy BJ, Rankin K, Kobialka M and Davis F (Division of Epidemiology and Biostatistics and the Center for the advancement of Distance Education, University of Illinois at Chicago, Chicago, IL, USA). Methodological issues in the conduct of Brain Tumor Case-Control studies- A Pilot Study. Abstract at the Society of Neuro-Oncology Eighth annual meeting, November 2003, Keystone, CO.

Davis F, Ali-Osman F, Friedman H, Erdal S, Herndon JE, McCarthy B, Paleologos N, Rauscher G, Vick N. Genetic/Environmental Risk and Outcomes for Brain Tumors. Poster presentation at the Annual NCI SPORE Investigator meeting, July 2003.

Rauscher GH, Poole C. Pitfalls of using relative risk interaction to interpret patterns of risk. Poster presented at the 2003 meeting of the American College of Epidemiology in Chicago, IL.

Rauscher GH, Shore D, Sandler DP. Hair dye use and incidence of adult acute leukemia. Poster presentation at the 2003 meeting of the American Association for Cancer Research in Washington DC.

Rauscher GH, Shore D, Sandler DP. Alcohol intake and incidence of adult acute leukemia. Poster presented at the 2003 meeting of the American Association for Cancer Research in Washington DC.

Rauscher GH, Kupelian VA, Davis F, Mallin K, Rosenblatt K. Tubal ligation, hysterectomy, and interactions with parity in the incidence of ovarian cancer. Poster presented at the 2003 meeting of the American Association for Cancer Research in Washington DC.

Rauscher GH, O'Malley MS, Earp JL. Effect of Changes in Breast Cancer and Mammography Knowledge on Breast Cancer Screening Rates for Rural Black Women. Poster presented at the 2003 meeting of the American Society of Preventive Oncology in Philadelphia, PA.

Rauscher GH, O'Malley, M.S., and Earp, J.A. "Reliability of Self-reported Lifetime Number of Mammograms." Poster presented at the 24th Annual Meeting, American Society for Preventive Oncology, Bethesda, MD, March, 2000.

Earp JL, Rauscher GH, O'Malley MS. Closing the Black-White gap in mammography use. Paper presented at the 128th annual meeting of the American Public Health Association. Boston, 2000.

INVITED SEMINARS

Rauscher GH. Is Family History of Breast Cancer a Marker of Susceptibility to Leukemia Exposures? Division of Epidemiology and Biostatistics, University of Illinois at Chicago, Chicago, IL Friday, September 6th, 2002.

Rauscher GH. "Mediators of ethnic disparity in breast cancer prognosis." Department of Health Evaluation Sciences, Hershey Medical Center, Pennsylvania State University, Hershey PA, February 15, 2004.

Rauscher GH. "Mediators of ethnic disparity in breast cancer prognosis." Division of Epidemiology and Biostatistics, University of Illinois at Chicago, Chicago, IL, February 26, 2004.

Rauscher GH. "Mediators of ethnic disparity in breast cancer prognosis." Division of Epidemiology and Biostatistics Seminar Series, School of Public Health, Drexel University, Philadelphia, PA, March 5, 2004.

Rauscher GH. "Mediators of ethnic disparity in breast cancer prognosis." Department of Epidemiology, University of Minnesota, Minneapolis, MN, March 18, 2004.

Rauscher GH. "Mediators of ethnic disparity in breast cancer prognosis." University of Texas Health Center at Tyler, Tyler, TX.

Rauscher GH. "Mediators of ethnic disparity in breast cancer prognosis." Medical University of South Carolina, Charleston, SC, March 25, 2004.

Rauscher GH. "Mediators of ethnic disparity in breast cancer prognosis." Case Western University, Cleveland, OH, May 12, 2004.

Rauscher GH. "The Linear Risk Model: appropriately shunned, or underappreciated for estimating public health impacts? An EPID/BIOS collaboration", University of Illinois at Chicago Epidemiology and Biostatistics Seminar, September 23, 2005.

Rauscher GH. "Problems With Using Survey Data to Track Progress in Cancer Screening Utilization", University of Chicago School of Medicine, Research in Progress Seminar, December 2, 2005.

Rauscher GH. "Transdisciplinary Strategies for Understanding Disparities in Breast Cancer: A project of the UIC Center for Population Health and Health Disparities." University of Illinois at Chicago Clinical and Translational Research Seminar, Chicago, IL October 25, 2006.

Rauscher GH. Interpreting progress in cancer screening from survey data in the context of potential selection and information biases. Division of Epidemiology and Biostatistics Seminar Series, University of Illinois at Chicago, Chicago, IL, March 16, 2007.

Rauscher GH. Racial and ethnic disparities in mammography adherence and mammography effectiveness. UIC Institute for Health Research and Policy seminar series, May 22st, 2007.

Rauscher GH. Conducting breast cancer disparities research in Chicago. Saints Mary and Elizabeth Family Medicine residents, Community Medicine Noon Conference series, Saints Mary and Elizabeth Medical Center, August 20, 2009.

Rauscher GH. DNA Methylation and Breast Cancer Aggressiveness. UIC Cancer Center Research Seminar, Carcinogenesis and Chemoprevention Program, Thursday, February 10, 2011

Rauscher GH. Using data to explore disparities in breast cancer stage at diagnosis in Chicago. University of Illinois School of Medicine, Urban Medicine Program, Policy and Advocacy Forum, 2/27/2013

Rauscher GH. Factors leading to disparities in breast cancer stage at diagnosis among screened women. UIC Breast Cancer Research Group Seminar Series, April 17, 2015.

Rauscher GH. Using Epidemiologic Approaches to tease out biological and social contributions to breast cancer disparities. UIC Breast Cancer Research Group, Breast Cancer Symposium, February 2, 2017.

Rauscher GH. Examining Breast Cancer Disparities Within A Single, Large Healthcare Organization: Comparison To Population-Based Data. UIC Cancer Center, Population and Behavioral Health Outcomes seminar series. June 1, 2017.

Rauscher GH. The Metro Chicago Breast Cancer Registry: Developing an infrastructure for local research on breast cancer disparities. UIC Breast Cancer Research Group. October 11, 2018.

Rauscher GH. Linking Measures of Association to Public Health Questions. Division of Epidemiology and Biostatistics Seminar Series, University of Illinois at Chicago, Chicago, IL, February 1, 2019.

TEACHING

Courses Taught

2003 (Fall)	EPID 494 Special topics in SAS programming for Epidemiology (#15747) (2 hours)
2004 (Spring)	EPID 494 Special topics in SAS programming for Epidemiology (#43616) (2 hours)
2004 (Fall)	EPID 494 Epidemiologic computing (#21569) (2 hours)
2005 (Spring)	EPID 595 Epidemiology research seminar (1 hour) IPHS 660 Interdisciplinary seminar (#17572) (1 hour)
2005 (Fall)	EPID 406 Epidemiologic Computing (#21569) (3 hours)
2006 (Spring)	EPID 404 Intermediate Epidemiologic Methods (#20280) (4 hours)
2006 (Fall)	EPID 406 Epidemiologic Computing (#21569) (3 hours)
2007 (Fall)	EPID 406 Epidemiologic Computing (#23459) (3 hours)
2007 (Fall)	EPID 515 Cancer Epidemiology (#15919) (3 hours)
2008 (Fall)	EPID 406 Epidemiologic Computing (#23459) (3 hours)
2008 (Fall)	EPID 515 Cancer Epidemiology (#15919) (3 hours)
2009 (Fall)	EPID 406 Epidemiologic Computing (#23459) (3 hours)
2010 (Spring)	EPID 501 Advanced Quantitative Methods in Epidemiology (#26987) (4 hours)
2010 (Fall)	EPID 406 Epidemiologic Computing (#23459) (3 hours)
2011 (Spring)	EPID 501 Advanced Quantitative Methods in Epidemiology (#26987) (4 hours)
2011 (Fall)	EPID 406 Epidemiologic Computing (#23459) (3 hours)
2012 (Spring)	EPID 501 Advanced Quantitative Methods in Epidemiology (#26987) (4 hours)
2013 (Spring)	EPID 501 Advanced Quantitative Methods in Epidemiology (#26987) (4 hours)
2014 (Spring)	EPID 501 Advanced Quantitative Methods in Epidemiology (#26987) (4 hours)
2014 (Fall)	EPID 403 Introduction to Epidemiology (3 hours)
2015 (Spring)	EPID 501 Advanced Quantitative Methods in Epidemiology (#26987) (4 hours)
2015 (Fall)	EPID 403 Introduction to Epidemiology (3 hours)
2016 (Spring)	EPID 501 Advanced Quantitative Methods in Epidemiology (#26987) (4 hours)
2016 (Fall)	EPID 406 Epidemiologic Computing (#23459) (3 hours)
2017 (Spring)	EPID 501 Advanced Quantitative Methods in Epidemiology (#26987) (4 hours)
2017 (Fall)	EPID 406 Epidemiologic Computing (#23459) (3 hours)
2018 (Spring)	EPID 501 Advanced Quantitative Methods in Epidemiology (#26987) (4 hours)
2018 (Fall)	EPID 406 Epidemiologic Computing (#23459) (3 hours)
2019 (Spring)	EPID 501 Advanced Quantitative Methods in Epidemiology (#26987) (4 hours)
2019 (Fall)	EPID 406 Epidemiologic Computing (#23459) (3 hours)
2020 (Spring)	EPID 501 Advanced Quantitative Methods in Epidemiology (#26987) (4 hours)
2020 (Fall)	EPID 406 Epidemiologic Computing (#23459) (3 hours)
2021 (Spring)	EPID 501 Advanced Quantitative Methods in Epidemiology (#26987) (4 hours)

AWARDS

2003	American Association for Cancer Research (AACR) <i>Scholar-in-Training Award</i>
11/01–pres.	National Cancer Institute, Bethesda, MD. <i>Postdoctoral Research Fellowship, Cancer Prevention and Control</i>
8/97 – 5/01	National Cancer Institute, Bethesda, MD. <i>Research Trainee in Cancer Epidemiology</i>

SERVICE

American Cancer Society's Breast Health Equity Advisory Workgroup, March 27, 2019 in Atlanta.

Grant Reviewer

Centers for Disease Control Prevention, SIP19-004 and SIP19-005, April 30, 2019 Special Emphasis Panel

American Cancer Society, Illinois Division, Cancer Control and Population Sciences, July, 2011; November 2011

Manuscript Reviewer

American Journal of Epidemiology

American Journal of Preventive Medicine

Annals of Epidemiology

BMC Cancer

Cancer

Cancer Causes and Control

Cancer Epidemiology, Biomarkers and Prevention

Epidemiologic Perspectives & Innovations

Epidemiology

International Journal of Cancer

JAMA

Preventive Medicine

Divisional service (SPH and Cancer Center)

Academic Promotion and Tenure (AP&T) 2018-Present

Committee on Admissions and Recruitment Policies (CARP) 2018-Present

Cancer Center Protocol Review Committee (October 2006-2017)

Committee On Admissions and Recruitment Policies (CARP) (September 2010-August 2011)

Committee on Educational Programs (CEP) (September 2011- September 2012)

Chairman, Doctoral Dissertation Committees

The Influence of Mammographic Density On Breast Cancer Risk. By **Katherine Tossas-Milligan**. Submitted as partial fulfillment of the requirements for the degree of Doctor of Philosophy in Epidemiology in the Graduate College of the University of Illinois at Chicago, 2017.

The application of geographic analyses to assess racial/ethnic disparities in access to breast cancer care in Chicago. By Jenna Khan. Submitted as partial fulfillment of the requirements for the degree of Doctor of Philosophy in Epidemiology in the Graduate College of the University of Illinois at Chicago, 2018

Assessment of Breast Cancer Development and Aggression with Heavy Metal Exposures in Illinois. By **Jacob Kilburn Kresovich**. Submitted as partial fulfillment of the requirements for the degree of Doctor of Philosophy in Epidemiology in the Graduate College of the University of Illinois at Chicago, 2017.

Burden and Morbidity of Breast Screening and Diagnostic Work up: Results from a Community Based Approach By **Firas M. Dabbous**. Thesis submitted as partial fulfillment of the requirements for the degree of Doctor of Philosophy in Epidemiology in the Graduate College of the University of Illinois at Chicago, 2016.

Racial and Gender Disparities in Colon Cancer Presentation and Stage at Diagnosis. By **Katherine Clark Brewer** Dissertation submitted as partial fulfillment of the requirements for the degree of Doctor of Philosophy in Epidemiology in the Graduate College of the University of Illinois at Chicago, 2016.

The Role of Glucocorticoid Receptor in Aggressive Breast Cancer. By **Umaima Al-Alem**. Thesis submitted as partial fulfillment of the requirements for the degree of Doctor of Philosophy in Epidemiology in the Graduate College of the University of Illinois at Chicago, 2015

Assessing Racial/Ethnic Disparities along the Breast Cancer Treatment Continuum. By **Abigail Silva**. Thesis submitted as partial fulfillment of the requirements for the degree of Doctor of Philosophy in Epidemiology in the Graduate College of the University of Illinois at Chicago, 2013

PhD Preliminary exam committee chair

Maria Camargo, PhD (2010)
Abigail Silva, PhD (2012)
Jenna Khan (2012)
Firas Dabbous (2012)
Katherine Brewer (2012)
Umaima Al-Alem (2012)
Keith Dookeran (2013)
Katherine Tossas-Milligan (2014)
Jacob Kresovich (2014)
Alpana Kaushiva (2018)
Carola Sanchez (2018)
Jibril Alim (2019)

PhD Preliminary exam committee member

Arielle Grieco (2020)
Debbie M. Jakubowski (2020)

PhD dissertation committees

Jibril Alim
Alpana Kaushiva
Carola Sanchez
Jenna Khan (Chair, 2018)
Katherine Tossas-Milligan (Chair, 2018)
Brian Joyce (Chair, 2016)
Jana Hirschteck (member, 2017)
Jacob Kresovich (Chair, 2017)
Matthew Monberg (member, 2016)
Firas Dabbous (Chair-2016)
Katherine Brewer (Chair, 2016)
Umaima Al-Alem (Chair, 2015)
Abigail Silva, PhD (Chair, 2012)
Maria Camargo, PhD (Chair, 2010)
Charlotte Joslin (member, 2006)
Daniel Kent Roberts (member, 2006)
Leila Shalahabi (member, 2008)

MS Committee

Lizeth Tamayo (Chair, 2018) Breast cancer characteristics in Peruvian women
Bethliz Irizarry (Chair, projected, 2016) Racial/ethnic disparities in receipt of sentinel lymph node biopsy
Lindsey Jones (Chair, 2015) Racial disparities in clinical delay among colon cancer patients
Rani Gallardo (Chair, 2014) Cultural beliefs in Hispanic breast cancer patients
Mylove Mortal (Chair, 2013) Symptomatic awareness of breast cancer despite a recent screen
Lani Rapp (Chair, 2009) Does Timing of Care Account for Part of the Racial and Ethnic Disparity in Breast Cancer Tumor Aggressiveness?

Jennifer Walk (Chair, 2006) Validity of self-reported cancer screening procedures
Thuppal, Shalini (Chair, 2006) Incomplete pregnancies and ovarian cancer risk

CONTINUING EDUCATION

Workshops:

- 2020- Latent Class and Latent Profile Analyses Workshop Series, July-December 2020
- 2020- Structural Equation Modeling, Part 2, taught online by Paul Allison, July 2020
- 2017- Structural Equation Modeling: A 5-day seminar taught by Paul Allison, July 10-14, Chicago, IL.
- 2016- Paul Allison, Introduction to Survival Analysis, June 2015, Boston MA.
- 2014- Paul Allison, Introduction to Structural Equations Modeling, May 2015, Atlanta GA.
- 2012- Paul Allison, Missing Data, 2-day workshop, August 2013, Chicago IL.
- 2006 SUPERMIX Workshop on mixed models using software developed by Gibbons and Hedeker. May 31 - June 2, 2006, University of Chicago Gleacher Center.
- 2005 An Introduction to Bayesian Methods in Epidemiology (Diane Stangel). American College of Epidemiology Preconference Workshop, June 27 2005.
- 2005 CMS 101: Introduction to the use of Medicare data for research. ResDAC at University of Minnesota School of Public Health, Minneapolis, MN. May 16-18, 2005.
- 2005 CMS 301: Using SEER-Medicare data for research. ResDAC at University of Minnesota School of Public Health, Minneapolis, MN. May 19, 2005.
- 2004 Introduction to Systematic Reviews and Meta Analysis (Charles Poole). American College of Epidemiology Preconference Workshop. September 10, 2004.
- 2004 Introduction to Sensitivity Analysis of Bias (Timothy Lash and Sander Greenland). American College of Epidemiology Preconference Workshop. June 2004.

Conferences attended:

- 2019 AACR conference "The Science of Cancer Health Disparities", San Francisco, September, 2019
- 2019 Society for Epidemiologic Research Annual Meeting, Minneapolis MN, June 2019.
- 2018 AACR conference "The Science of Cancer Health Disparities", New Orleans, November, 2018
- 2017 AACR conference "The Science of Cancer Health Disparities", Atlanta, September, 2017
- 2016 AACR conference "The Science of Cancer Health Disparities", Ft. Lauderdale, September, 2016
- 2015 AACR conference "The Science of Cancer Health Disparities", Atlanta, December, 2015
- 2015 Centers for Population Health and Health Disparities Annual Grantees Meeting, Chapel Hill, April 2015
- 2014 AACR conference "The Science of Cancer Health Disparities", San Antonio, November, 2014
- 2013 AACR conference "The Science of Cancer Health Disparities", Atlanta, December, 2013
- 2013 Society for Epidemiologic Research Annual Meeting, Boston MA, June 2013.
- 2013 Centers for Population Health and Health Disparities Annual Grantees Meeting, Boston, WA, May 2013
- 2013 Breast Cancer Surveillance Consortium Annual Grantees Meeting, San Francisco, CA, June 2013
- 2013 American Society for Preventive Oncology Annual Meeting, Memphis TN, March 2013
- 2012 AACR conference "The Science of Cancer Health Disparities", San Diego, CA, October 2012.
- 2012 American College of Epidemiology, Chicago, IL, August 2012
- 2012 Society for Epidemiologic Research 2009 Meeting, Minneapolis, MN, June 2012
- 2012 Centers for Population Health and Health Disparities Annual Grantees Meeting, Seattle, WA, June 2012
- 2012 Breast Cancer Surveillance Consortium Annual Grantees Meeting, Seattle, WA, May 2012
- 2011 3rd North American Congress of Epidemiology, Montreal, Quebec, Canada, June 2011
- 2011 AACR conference "The Science of Cancer Health Disparities", Washington DC, September 18-21, 2011
- 2009 Society for Epidemiologic Research 2009 Meeting. Anaheim, CA. June 23-26, 2009.
- 2008 Society for Epidemiologic Research 2007 Meeting. Chicago, IL. June 24-27, 2008.
- 2007 Society for Epidemiologic Research 2007 Meeting. Boston, MA. June 19-22, 2007.
- 2007 Breast Summit for Chicago, March 23
- 2006 Second North American Congress of Epidemiology. Seattle, WA, June 21-24

- 2006 Centers for Population Health and Health Disparities 3rd Annual Grantees Meeting. The Rand Corporation, Santa Monica, CA. May 2006.
- 2005 Epidemiology without borders: The Canadian Society for Biostatistics and Epidemiology and the Society for Epidemiologic Research 2005 Joint Meeting. Toronto, CA. June 27-30, 2005.
- 2005 Chicago Department of Public Health Data Users Conference. Chicago, IL. June 14, 2005
- 2005 Centers for Population Health and Health Disparities 2nd Annual Grantees Meeting. University of Chicago, Chicago, IL. May 19-20, 2005.
- 2005 Annual Meeting of the American Society of Preventive Oncology. San Francisco, CA. May 13-15, 2005.
- 2004 When Science Meets Policy: Focusing Attention on the Role of Epidemiologists and Epidemiologic Research on the Interplay Between Science and Policy. American College of Epidemiology, Boston, MA. September 11-14, 2004.
- 2004 Centers for Population Health and Health Disparities 1st Annual Grantees Meeting. Galveston, Texas. May