

Administrative and Large-Scale Database Methods

A01 Standardizing tracking and evaluation in cancer disparities research: Utilizing REDCap to track training, education and community engagement activities. [Ifeanyi Beverly Chukwudozie](#), Karriem S. Watson, Stacey Rhodes, Ahlam Al-Kodmany, Erica Martinez, Christopher Gay, Marian L. Fitzgibbon, Paul Grippo, Robert A. Winn, Robert A. Winn.

Neighborhood Factors

A02 Investigating the association between social disorganization, Health-related quality of Life (HRQL), and Prostate Cancer diagnoses in African American Men. Carolyn D Rodgers, Shannon Zenk, Karriem S Watson, Robert Winn, Rupert Evans, Catherine Balthazar, [Ifeanyi Beverly Chukwudozie](#).

Administrative and Large-Scale Database Methods

A03 Evaluating Health Disparities in Prostate Cancer: A Neighborhood-Wide Association Study (NWS) in African Americans. [Shannon M Lynch](#), Elizabeth Handorf, Craig Newcomb, Charnita Zeigler-Johnson, Timothy R Rebbeck.

Bioinformatics

A04 Identification of differentially expressed micro-RNAs in African American women with Quadruple Negative Breast Cancer. [Anusha Angajala](#), Raymond Hughley, Tripathi Shweta , Windy Dean-Colomb , Ming Tan, Clayton Yates.

A05 Genetic factors associated with racial disparities of liver cancer. Zihan Cui, Zhe Wang, Tingting Zhao, Qingxiang Amy Sang, [Jinfeng Zhang](#).

A06 Targeted Therapies for QNBC patients based on Immune and Basal Signature Correlations to Race. [Raymond Wesley Hughley](#), Windy D Colomb, Shweta Tripathi, Clayton Yates.

Multilevel Analysis

A07 Can context and culture in a cohort study inform intervention development?. [Shirley Beresford](#), Wendy Barrington, Donald Patrick, Deborah Bowen.

A08 Carpe D.I.E.M: A Data Integration Expectation Map of multi-omics data in breast cancer disparities. [Tia A Hudson](#), ClarLynda Williams-DeVane.

Neighborhood Analysis

A09 Urban neighborhood and residential factors associated with breast cancer in African American women: A systematic review. [Brandi Patrice Smith](#), Zeynep Madak-Erdogan.

Statistical and Epidemiological Models

A10 Using cluster analysis to explore heart age among cancer survivors in Alabama. [Jacqueline B. Vo](#), Dheeraj Raju, Karen Meneses.

Statistical and Epidemiological Models

PR08, A11 Tumor masking or tumor aggressiveness? : A structural equations modeling approach to estimate the impact of breast density on breast cancer stage, overall and by race. [Katherine Y. Tossas-Milligan](#), Garth H Rauscher, Richard Campbell, Victoria Seewaldt.

Community-based Participatory Research

A12 Lung cancer prevention and survivorship is good business: Unifying communities and industries for

better health. Jennifer Redmond Knight, [Debra Armstrong](#), Kristin Paul, Elizabeth Westbrook, Kathryn Bathje.

A13 Using boot camp translation to design a system-based intervention to improve rates of colon cancer screening using fecal immunochemical testing among Latino patients in community health centers. [Jamie Thompson](#), Melinda Davis, LeAnn Michaels, Jennifer Rivelli, Marta Castro, Anne Escaron, Brittany Younger, Melissa Castillo, Sacha Reich, Gloria Coronado.

A14 Perceptions about Hepatitis B and Hepatocellular Carcinoma Among Blacks in South Florida . Joselin Gonzalez-Diaz, Natasha Schaefer-Solle, Paul M Martin, Erin Kobetz, [Patricia D Jones](#).

A15 Challenges and Successes in Delivering a Cancer Survivorship Support Program Among Rural Latinas. [Rachel M Ceballos](#).

A16 Invisible Men Men of Color in Health Disparities Research. Antonio Delesline, [Sanford Earl Jeames](#).

A17 [Advocate Abstract:] Culturally sensitive outreach for clinical trials and research studies is key to addressing biological contributors to health disparities. [Jamie Holloway](#).

Decision Making

A18 An Enhanced Shared Decision Making Model to Address Willingness and Ability to Undergo Lung Cancer Screening and Follow-Up Treatment. [Cherie P Erkmen](#), Mark Mitchell, Simran Randhawa, Shelby Sferra, Rachel Kim, Verdi DiSesa, Larry R Kaiser, [Grace X Ma](#).

A19 Explaining the rare use of breast cancer prevention options by high-risk African American women: The role of limited access to information. [Tasleem J Padamsee](#), Rachel Meadows, Megan Hils.

Recruitment/Retention/Adherence Research

A20 Hispanic patient navigation: An intervention to increase clinical trial participation. [Carla Strom](#), Kathryn E Weaver, Jimmy Ruiz, Karen M Winkfield.

A21 Using spatial analysis to identify the impact of medically underserved areas within and beyond the catchment area of a Comprehensive Cancer Center. [Christine M Marx](#), Jessica L Thein, Graham A Colditz.

A22 Improving the Community s Understanding of Research through Lay Ambassadors. [Evelyn T. Gonzalez](#), Armenta Washington, Nestor F Esnaola.

A23 Interim Recruitment Outcomes in an NCORP-Based Patient Navigation Trial for African Americans with Early Stage Lung Cancer. Marvella E Ford, Debbie C Bryant, Kathleen B Cartmell, Katherine Sterba, Dana R Burshell, Elizabeth G Hill, Allan De Toma, [Kendrea D Knight](#), Kathryn Weaver, Elizabeth Calhoun, Nestor F Esnaola.

Race, Admixture, and Ethnicity

A24 Triple Negative Breast Cancer Risk: Ancestry and Immune Response. [Marvella E Ford](#), Erika T Brown, David P Turner, Victoria J Findlay, Anthony J Alberg, Susan Bolick, Deborah Hurley, Rita Kramer, Judith D Salley, Joan E Cunningham.

Recruitment/Retention/Adherence Research

A25 Community research navigators: The bridge to increasing ethnic minority participation in clinical research. [Marisela Garcia](#), Mayra Serrano, Alejandro Fernandez, Katty Nerio, Kimlin Ashing.

A26 Representation of minorities, the elderly and women in over 1000 clinical trials. [Narjust Duma](#), Jesus Vera-Aguilera , Yucai Wang, Jonas Paludo, Konstantinos Leventakos, Aaron Mansfield, Alex Adjei.

A27 Diversity in Multiple Myeloma clinical trials. [Narjust Duma](#), Miguel Gonzalez Velez, Jesus Vera-Aguilera , Ricardo Parrondo, Veronica Mariotti, Jonas Paludo, Yucai Wang, Ronald Go, Alex Adjei.

General Epidemiology and Biostatistics

A28 Current and future incidence rates of invasive breast cancer between Black and White women. Brittney C Davis Lynn, Philip S Rosenberg, William F Anderson.

A29 Multi-level factors associated with increased in-hospital length of stay among patients following head and neck cancer treatment. Eric Adjei Boakye, Betelihem B Tobo, Jiajing Chen, Paula Buchanan, Shubhra Malik, Nosayaba Osazuwa-Peters.

A30 The use of geospatial methods to detect clusters of late-stage colorectal cancer and variations in area-based socioeconomic characteristics in Brooklyn, NY. Francesco Congiusta, Russell Parvin, Madhavi Reddy, Heather A Mavronicolas, Heather A Mavronicolas, Francesco Congiusta.

A31 Widening Educational Disparities in Cancer Mortality in the United States, 2000 2014. Jiemin Ma, Ahmedin Jemal.

A32 Trends in cause of death among Puerto Rican and United States Multiple Myeloma patients. Maira A Castañeda-Avila, Karen J Ortiz-Ortiz, Carlos R Torres-Cintrón, Mara M Epstein.

A33 Head and Neck Squamous Cell Carcinoma in Adolescents and Young Adults: Survivorship Patterns and Disparities. Sai D Challapalli, Eric Adjei Boakye, Matthew C Simpson, Nosayaba Osazuwa-Peters.

A34 Risk factors for liver disease/cancer among adults of Mexican descent in the United States and Mexico. Yvonne N Flores, Zuo-Feng Zhang, Roshan Bastani, Mei Leng, Catherine M Crespi, Paula Ramirez, Heather A Stevens, Jorge Salmerón.

Molecular Epidemiology

A35 An integrative model of cancer disparities based on the calcium molecular theory of carcinogenesis. Bernard KADIO, Sanni Hashimi Yaya, Ajoy Basak, James Gomes, Koffi Djè, Christian Mesenge .

A36 Serum insulin-like growth factor (IGF)-I and IGF binding protein-3 in relation to terminal duct lobular unit involution in Caucasian and African American women: The Susan G. Komen Tissue Bank. Hannah OH, Ruth M Pfeiffer, Roni T Falk, Hisani N Horne, Jackie Xiang, Michael Pollak, Louise A Brinton, Anna Maria V Stornio, Mark E Sherman, Gretchen L Gierach, Jonine D Figueroa.

A37 Genome-wide association study of colorectal tumors in Latin American individuals from Colombia. MARIA CAROLINA SANABRIA-SALAS, LAURA FEJERMAN, KONRAD RAWLIK, ALBERT TENESA, MARTHA L SERRANO-LOPEZ, JOVANNY ZABALETA, GUSTAVO A HERNANDEZ-SUAREZ.

A38 Identification of triple negative breast cancer subtypes in Colombian patients. Silvia J Serrano-Gomez, Maria Carolina Sanabria-Salas, Jone Garai, Melody C Baddoo, Gustavo Hernandez-Suarez, Juan Carlos Mejia, Oscar Garcia, Lucio Miele, Laura Fejerman, Jovanny Zabaleta.

A39 Sexual history is associated with prostate cancer in men of African decent . Tsion Zewdu Minas, Wei Tang, Cheryl Smith, Tiffany H Dorsey, Christopher A Loffredo, Stefan Ambis.

Neighborhood Factors

A40 Disparities in survival among nonmetropolitan cancer patients in Utah. Anne C Kirchhoff, Kepka Deanna, Hashibe Mia.

A41 Social determinants of Hepatocellular Carcinoma in Louisiana. Denise M Danos, Tekeda F Ferguson, Neal Simonsen, Claudia Leonardi, Qingzhao Yu, Xiao-Cheng Wu, Richard Scribner.

A42 Association between neighborhood deprivation and lung cancer risk in the Southern Community Cohort Study. Maureen Sanderson, Melinda C. Aldrich, Robert S. Levine, Barbara Kilbourne, Qiuyin Cai, William J.

Blot.

A43 [Advocate Abstract:] Dot4life multiple myeloma for the caribbean patients. [Marisel Brignoni](#).

Race, Admixture, and Ethnicity

A44 University of Guam/University of Hawaii Cancer Center Partnership: Fourteen Years of Progress in Addressing Cancer Health Disparities in Pacific Islanders. [Carl-Wilhelm Vogel](#), David C Ward, Neal A Palafox, Hali R Robinett, Rachael T Leon Guerrero, Robert A Underwood, John A Peterson.

A45 The Cancer Prevention Project of Philadelphia (CAP3): Establishing a cohort to investigate diversity among persons of African ancestry. [Elizabeth L Blackman](#), Denise Y Gibbs, Yin-Ming Kuo, Andrew Andrews, Meganathan Ramakodi, Karthik Devarajan, Jackie Bucci, Gilda Jean-Louis, Oni Richards-Waritay, Barbara Wilson, Carlene Bowen, Eric Edi, Vera Tolbert, Raphiatou Noubissi, Daramola N Cabral, JoAnn Oliver, Robin Roberts, Marshall Tulloch-Reid, Camille C.R. Ragin.

A46 Lower circulating Vitamin D3 levels in African Americans are associated with Fok1 vitamin D receptor gene polymorphism. Yanyuan Wu, Marianna Sarkissyan, Dhruva Mishra, Pranabananda Dutta, Priscilla Bravo Arias, Sheilah Clayton, Rowan Chlebowski, [Jaydutt V Vadgama](#).

A47 Correlation between Non-skin Cancer Survival, Race/Ethnicity and Socioeconomic Status in the United States. [Jingwei Song](#), Ligeng Tian, Muktar Aliyu.

A48 Impact of age at diagnosis on racial disparities in endometrial cancer patients . Christopher Tarney, Chunqiao Tian, Nicholas Bateman, Thomas Conrads, Chad Hamilton, George Maxwell, [Kathleen Darcy](#).

A49 Development of a multilevel integrated dataset to study lung cancer incidence and risk factors in never-smoking Asian American, Native Hawaiian, and Pacific Islander females. [Mindy C DeRouen](#), Salma Shariff-Marco, Daphne Lichtensztajn, Anqi Jin, Yihe Daide, Alison J Canchola, Yuqing Li, Jennifer Jain, Andrew Hertz, Laura Allen, Sixiang Nie, Carmen P Wong, Robert Haile, Manali I Patel, David Nelson, Peggy Reynolds, Heather A Wakelee, Hal Luft, Caroline Thompson, Beth E Waitzfelder, Iona Cheng, Scarlett L Gomez.

PR05, A50 Estrogenic activity is associated with race/ethnicity and Indigenous American ancestry among San Francisco Bay Area women. [Sylvia S Sanchez](#), Phum Tachachartvanich, Heather Ruiz, Frank Z Stanczyk, Scarlett Lin Gomez, Esther M John, Martyn T Smith, Laura Fejerman.

A51 Disparities in cervical cancer patients by race and histology . [Ying Huang](#), Christopher Tarney, Chunqiao Tian, Nicholas Bateman, Thomas Conrads, Chad Hamilton, George Maxwell, Kathleen Darcy.

Stress

A52 Disparities in Psychosocial Stress and Breast Cancer Survival by Race/Ethnicity. [Carola T Sánchez-Díaz](#), Garth H Rasucher.

A53 Plasma Glucocorticogenic Activity Differs by Race/Ethnicity and Alcohol Intake Among San Francisco Bay Area Women. [Rosemarie M de la Rosa](#), Sylvia S Sanchez, Phum Tachachartvanich, Heather Ruiz, Scarlett Lin Gomez, Esther M John, Martyn T Smith, Laura Fejerman.

A54 Multi-systemic biological risk index and cancer mortality: Differences by age group and race/ethnicity. [Teofilia Acheampong](#), Andrew Odegaard.

Other Risk Factors

A55 Premenopausal gynecologic surgery and breast cancer mortality in the Carolina Breast Cancer Study. [Mya Roberson](#), Whitney Ragan Robinson, Hazel Nichols, Andrew Olshan, Melissa Troester.

Other

A56 Racial disparities in colon cancer survival-United States, 2001-2009. [Arica White](#), Djenaba Joseph, Sun Hee Rim, Christopher J Johnson, Michel Coleman, Claudia Allemani.

A57 Validity of self-reported body mass index among African American breast cancer survivors: The Women's Circle of Health Follow-Up Study. [Bo Qin](#), Adana A.M. Llanos, Elizabeth A. Szamreta, Jesse J. Plascak, Christine Ambrosone, Kitaw Demissie, Chi-Chen Hong, Elisa V. Bandera.

A58 Racial disparities in head and neck cancers in an urban hospital. [Charnita Zeigler-Johnson](#), Scott Keith, Frances Guiles, David Cognetti, Voichita Bar-Ad, Rita Axelrod.

A59 Racial comparisons of the gut microbiota of generally healthy black and white women for insights into colorectal cancer disparities. [Tiffany L Carson](#), Fuchenhu Wang, Xiangqin Cui, Bradford E Jackson, Liam Van Der Pol, Elliot J Lefkowitz, Casey Morrow, Monica Baskin.

A60 Differences in survival for older compared to younger female breast cancer patients in the California cancer registry by race/ethnicity, insurance, socioeconomic status, and tumor subtype. [Yazmin San Miguel](#), Li Tao, Scarlett Gomez, Ian Komenaka, Richard Schwab, Caroline Thompson, Jesse Nodora, James Murphy, Maria Elena Martinez.

Breast Cancer

A61 Chemokine network between triple-negative breast cancer (TNBC) and non-TNBC cells. [Carla Gibbs](#), Rosa Ignacio, Choi Hyeong, Deok-Soo Son.

A62 Differences in sexual dysfunction between lesbian, bisexual, and heterosexual female breast cancer survivors. [Christopher W Wheldon](#), Megan C Roberts, Michelle I Silver, Ulrike Boehmer.

A63 Estrogen receptor beta and insulin growth factor 2 (IGF2) contribute to cancer health disparities in Triple-Negative Breast Cancer. [David Austin](#), Nalo Hamilton, Yahya Elshimali, Richard Pietras, Yanyuan Wu, Jaydutt Vadgama.

A64 Immune and metabolic mechanisms regulate the microenvironment in triple negative breast cancer. Guillaume Andrieu, Paola Sebastiani, Kimberly A Bertrand, Julie R Palmer, [Gerald V Denis](#).

A65 Evaluating an under-studied kinase as a potential druggable target for breast cancer. [Hamzah Kharabsheh](#), Xiyu Zhou, John Scott.

PR02, A66 β -catenin overexpression underlies the aggressive disease course in African American triple Negative breast cancer patients that lack androgen receptor. [Karuna Mittal](#), Shristi Bhattarai, Sergey Klimov, Uma Krishnamurthi, Xiaoxian Li, Ceyda Sonmez Wetherilt, Mohammad A Aleskandaran, Andrew A Green, Emad A Rakha, Ian O Ellis, Guilherme Cantuaria, Guan hao Wei, Remus Mihai Osan, Meenakshi V Gupta, Upender Manne, Padmashree C.G Rida, Ritu Aneja.

A67 The effects of SAHA and EGCG on metastatic potential in triple negative breast cancer. [Kayla Ashlyn Lewis](#), Trygve O Tollefsbol.

A68 Pre- and perinatal factors and incidence of breast cancer in the Black Women's Health Study. [Lauren E Barber](#), Kimberly A Bertrand, Lynn Rosenberg, Tracy A Battaglia, Julie R Palmer.

A69 Racial Disparity in breast cancer hospital treatment costs: Examining the effect of depression. Baqar Husaini, [Oscar Miller](#), Jessica Jones, Robert Levine.

A70 [Advocate Abstract:] We have breast too ! a male breast cancer awareness program. [Wayne Dornan](#).

A71 [Advocate Abstract:] My world, our dream. [William "Kirby" Lewis](#).

A72 [Advocate Abstract:] Community initiatives for all women's health. [Araceli Lucio](#).

Colorectal Cancer

A73 Role of Microsatellite Stability and Mismatch DNA Repair Mechanism in the Response to 5-Fluorouacil Treatment in African American Colon Cancer Cell Lines. [Jenny E Paredes](#), Ping Ji, Maria Munoz-Sagastibelza, Malhaar Agrawal, Jennie Williams, Laura Martello-Rooney.

A74 [Advocate Abstract:] The brown faces of colorectal cancer. [Candace Henley](#).

A75 [Advocate Abstract:] Colorectal cancer and health disparities with african american population. [Erika Nalls](#).

Gastrointestinal Cancers

A76 Characteristics associated with racial disparities in Hepatocellular carcinoma survival: A matched cohort study. [AARON P THRIFT](#).

A77 Esophageal Cancer in Kenya. [Joab Otieno Odera](#), Elizabeth Odera, Jessie Githang'a , Edwin Oloo Walong, Fang Li, Zhaohui Xiong, Xiaoxin Chen.

A78 Living biobank of endoscopic ultrasound guided fine needle biopsy- derived PDAC organoids: A study of two contrasting populations. [Maria Munoz-Sagastibelza](#), Herve Tiriac, Shivakumar Vignesh, Jenny Paredes Sanchez, Jonathan Somma, Ellen Li, Juan-Carlos Bucobo, Demetrios J Tzimas, Maoxin Wu, Laura Martello-Rooney, David Tuveson, Jonathan Buscaglia.

Genitourinary Cancers

A79 Establishment of African American prostate cancer patient-derived primary cell lines and xenografts. [Brendon Patierno](#), Wayne Glover, Thomas Ribar, Rick Kittles, Wen-Chi Foo, Shannon McCall, Jiaoti Huang, Daniel George, Jennifer Freedman, Steven Patierno, Kris Wood, David Hsu.

A80 Similarities and differences between African American and European American prostate cancer genomics . [Franklin Huang](#), Stephanie Mullane, Paz Polak, Eliezer Van Allen, Levi Garraway.

A81 Novel FGFR3 splice variant increases oncogenic phenotype in African American prostate cancer. [Jacqueline Olander](#), Bi-Dar Wang, Kenneth Nguyen, Lana Garmire, Norman H. Lee.

A82 Disparities in prostate cancer incidence, patient and clinical characteristics among Latino subpopulations defined by country of origin in California: findings from the California Cancer Registry. Alexis R Freedland, Andre E Kim, Juanjuan Zhang, Ann Hamilton, Dennis Deapen, Lihua Liu, Inderbir S Gill, [Mariana C Stern](#).

A83 Decreased Nuclear expression of the E3 ubiquitin ligase Nrdp1 in African American men compared to Caucasian men with localized prostate cancer. Salma Siddiqui, Frank U Melgoza, Blythe P. Durbin-Johnson, [Ruth L Vinall](#), Paramita M Ghosh.

PR09, A84 Patterns of bladder cancer incidence, tumor characteristics, and survival among Latinos in California: results from the California Cancer Registry. [Sumeet Syan-Bhanvadia](#), Juan Pablo Lewinger, Andre Berger, Siamak Daneshmand, Inderbir S Gill, Andre E Kim, Lihua Liu, Juanjuan Zhang, Ann Hamilton, Dennis Deapen, Mariana C Stern.

Gynecological Cancers

A85 Receipt of adjuvant endometrial carcinoma treatment according to race: An NRG Oncology/Gynecologic Oncology Group 210 Study. [Ashley Felix](#), David Cohn, Theodore Brasky, David Mutch, William Creasman, Premal Thaker, Joan Walker, Richard Moore, Shashikant Lele, Saketh Guntupalli, Levi Downs, Christa Nagel, John Boggess, Michael Pearl, Olga Ioffe, Wei Deng, Marcus Randall, Louise Brinton.

PR10, A86 Factors associated with decreased survival in epithelial ovarian cancer patients from the southern United States. Sherri L Stewart, Trevor D Thompson, Angela R Moore, Sun Hee Rim, Jennifer M. Wike.

Head and Neck Cancers

A87 Which head and neck cancer patient benefits from being married: the man or the woman?. Nosayaba Osazuwa-Peters, Matthew C Simpson, Lauren M Cass, Sai Deepika Challapalli, Zisansha S Zahirsha, Eric Adjei Boakye, Sean T Massa.

A88 Age Differences in Demographic Predictors of Head and Neck Cancer Survival. Sean T Massa, Lauren Cass, Sai Challapalli, Zisansha Zahirsha, Matt Simpson, Nosayaba Osazuwa-Peters, Gregory Ward.

Lung Cancer

A89 Gender and Racial Disparities in Non-Small Cell Lung Cancer: A Systematic Review. Noor Alsaadoun, Karen Kopciuk, Desiree Hao, Karl Riabowol, D. Morley Hollenberg, D. Gwyn Bebb.

PR03, A90 Somatic Mutations and Ancestry Markers in Hispanic Lung Cancer Patients. William D Cress, Nicholas T. Gimbrone, Bhaswati Sarcar, Edna Gordian, Jason I Rivera, Christian Lopez, Jamie K Teer, Eric A Welsh, Alberto A Chiappori, Matthew B Schabath, Gary W Reuther, Pedro G Santiago-Cardona.

Other Organ Sites

A91 [Advocate Abstract:] Evidence-based, human-powered, patient-centric. Juliana Fuller.

Race, Admixture, and Ethnicity

A92 Black Race is Associated with Worse Distant Relapse-Free Survival in Breast Cancer Patients Treated with Neoadjuvant Compared to Adjuvant Systemic Chemotherapy. Jessica M Pastoriza, George S Karagiannis, Xiaonan Xue, Juan Lin, John S Condeelis, Joseph A Sparano, Thomas E Rohan, Maja H Oktay.