



## **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 (NWAS) 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 Anqajala](#), 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.

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

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**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 Erkmén](#), 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 Maik, 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 Storniolo, 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 Ambros.

### 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.

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**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](#), Xiyou Zhou, John Scott.

**PR02, A66  $\beta$ -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 progam.** [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 Olender](#), 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.

## Cancer Communications

**B01 Utilizing Social Media to Disseminate Information & Resources Pertaining to Cancer & Cancer Research to Latinos.** [Amelie G Ramirez](#).

**B02 News They Can Use? The Portrayal of Breast Cancer Risk and Prevention in Print News and Popular Press for Young Women.** [Ann Carroll Klassen](#), Amy Leader, Ana Martinez-Donate, Augusta Villanueva, Suzanne Grossman, Udara Perera, Tashi Lhamo, HeeSoon Juon.

**B03 Sociodemographic disparities in breast density notification in the 2015 National Health Interview Survey.** [Erica T Warner](#).

**B04 Communication about HPV: Shared knowledge and HPV vaccine uptake among parents and adolescents in rural eastern North Carolina.** [Essie Torres](#), Alice Richman, Qiang Wu.

## Community-based Interventions

**B05 An Evaluation of a Community-based Breast Education and Navigation Program: Highlights and Lessons Learned from the Pitt County Breast Wellness Initiative.** Essie Torres, Alice Richman.

## Cancer Communications

**B06 Social media and colorectal cancer communication: The reach of Facebook Live and Twitter chat in Utah.** Jennyffer Morales, Garrett Harding, Janae Decker, Lisa Anderson, Alyssa Geisler, Jane Ostler, Donna Branson, Jeff Yancey, Ana Maria Lopez.

**B07 Asian American women's perspectives toward donating healthy breast tissue: Implications for recruitment methods and messaging.** Katherine E Ridley-Merriweather.

**B08 Acceptability of text messaging for communication of health information among Black and low-income women following abnormal cervical cancer screening.** LaHoma Smith Romocki, Leslie Cofie, Andrea Des Marais, Theresa Curington, Chelsea Anderson, Jennifer S. Smith.

**B09 Partnering Around Cancer Clinical Trials: Preliminary report of an intervention to improve patient-physician communication and clinical trial enrollment of Black and White men with prostate cancer.** Lauren M. Hamel, Louis A. Penner, Elisabeth Heath, Dina Lansey, Michael Carducci, Terrance L. Albrecht, Ellen Barton, Mark Manning, Tanina Foster, Mark Wojda, Susan Eggly.

**B10 Prevalence of Culturally Tailored Cancer Messages in African-American Churches.** Shaila Strayhorn, Brook Harmon, Andrew Carter, James Hebert.

## Community-based Interventions

**B11 Sustaining annual colorectal cancer screening in rural community health clinics using the fecal immunochemical test (FIT).** Connie L Arnold, Terry C Davis, Alfred Rademaker, James Morris, Glenn Mills.

**B12 Betel Nut Use and Oral Cancer in a High-Risk Refugee Community in the United States: The Effectiveness of an Awareness Initiative.** Lucy L Shi, Ella Bradford, Danielle K Depalo, Amy Y Chen.

**B13 New messages and opportunities for prevention to empower African American women through community-based outreach and education on breast and cervical cancer risk.** Elisa M Rodriguez, Frances G Saad-Harfouche, Christy A Widman, Clark S Nikia, Clarissa Martinez, Detric Johnson, Lina Jandorf, Deborah Erwin.

**B14 Promising Effects of A Culturally Tailored Pilot Intervention to Increase HPV Vaccination Uptake among Female and Male Adolescents.** Grace X Ma, Yin Tan, Shumenghui Zhai, Philip Siu, Sarah Lai, Lin Zhu, Adeodat Ilboudo, Min Qi Wang.

**B15 Colorectal Cancer Knowledge and Adherence among Hispanic Workers.** Judy Y Ou, Anne C Kirchhoff, Echo L Warner, Laura Martel, Deanna Kepka.

**B16 Potential challenges and strategies for working with community cancer advocates in a rural population.** Katelyn Schifano.

**B17 Effects of promotores-led small group education on colorectal cancer knowledge among underserved Hispanics.** Katherine J Briant, Janet Sanchez, Monica Escareno, Virginia Gonzalez, Beti Thompson.

**B18 Attitudes, perceptions, and strategies toward increasing cancer screening, treatment, and participation in research among Latinos.** Nadine J Barrett, Kearston L Ingraham, Xiomara Boyce, Rebecca Reyes.

**B19 Screen to Save (S2S) implementation across National Outreach Network (NON) region 2.** Khaliyah F. Fleming, Jomar D. Lopez.



**B20 Cancer screening in rural Honduras: Maximizing impact with a multi-organ screening approach.** [Linda Skewes Kennedy](#), Kayla A. Marra, Ethan Phillip Marshall LaRochelle, Mary D Chamberlin, Kathleen D Lyons, Suyapa A. Bejarano, [Gregory J. Tsongalis](#).

**B21 Community health worker led smoking cessation intervention in Virginia Appalachia.** [Lindsay Hauser](#), Catherine Labgold, Roger Anderson, Fabian Camacho.

**B22 Trends in mammography utilization at a safety net breast cancer screening center.** [Bridget A Oppong](#), Holly Greenwald, Chiranjeev Dash, Kephher Makambi, Tesha Coleman, [Lucile Adams-Campbell](#).

**B23 The impact of a biobanking education intervention on trust in research and trust in doctors.** [Shannon M Hughley](#), Tahirah Abdullah, Ruth Akindele, Karen Burns White, Daniel A Gunderson , Christopher Lathan.

**B24 Salud!, por la Vida, an educational intervention to increasing colorectal cancer screening in Puerto Ricans.** [Vivian Colon-Lopez](#), Camille Velez-Alamo, Adrianna Acevedo-Fontanez, Marievelisse Soto-Salgado, Yolanda Serra-Martinez, Ileska Valencia-Torres, Maria E Fernandez.

**B25 Empowering Latinas to Obtain Breast Cancer Screenings: Comparing Intervention Effects, Part 1.** [Yamile Molina](#), Liliana G San Miguel, Lizeth Tamayo, Sylvia Gonzalez, Rosa de la Torre, Kryztal Peña, Araceli Lucio, Oliva Hernandez, Juanita Arroyo, Maria C Medina, Nora Coronado.

**B26 [Advocate Abstract:] We all win.** [Frank D. Fields](#).

**B27 [Advocate Abstract:] “Eliminating fears and misconceptions in the african american community”.** [Loretta Herring](#).

**B28 [Advocate Abstract:] Piloting a lay navigation program in rural north carolina.** [Judy Plymale](#).

**B29 [Advocate Abstract:] The cancer patient as starting player. not bench warmer.** [David Wilson](#).

**B30 [Advocate Abstract:] Health disparities among latinosaurs with pancreatic cancer.** [Fatima Zelada-Arenas](#).

#### Genetic Testing and Counseling

**B31 Creating a mobile device-based educational animation for African American women with hereditary breast cancer risk.** Zo Ramamonjariavelo, DeLawnia Comer-Hagans, [Ifeanyi Beverly Chukwudozie](#), Shirley Spencer, Vida Henderson, Barry Pittendrigh, Julia Bello-Bravo, Karriem S. Watson, Catherine Balthazar, Rupert Evans, Robert A. Winn, Angela Odoms-Young, Kent Hoskins.

**B32 Utilization and Outcomes of Cancer Genetics Referrals at a Community Cancer Program.** Ruth N. Akindele, Huma Q. Rana, Sarah R. Cochrane, Ludmila A. Svoboda, [Christopher S. Lathan](#).

**B33 Motivating African American women with hereditary breast cancer risk to participate in genetic counseling.** [DeLawnia Comer-HaGans](#), Zo Ramamonjariavelo, Shirley Spencer, Beverly Chukwudozie, Vida Henderson, Karriem Watson, Catherine Balthazar, Rupert Evans, Robert Winn, Angela Odoms-Young, Kent Hoskins.

**B34 Patterns of BRCA testing at a safety net compared to a university hospital.** [Demetria J Smith](#), Christopher Sauter, Chao Zhang, Zhengjia Chen, Keerthi Gogineni.

**B35 Factors associated with beliefs about genetics related to cancer risk among racial and ethnic adults 18 years and older in the United States.** [Lawrence P McKinney, B.Sc.](#), Gemechu Gerbi, PhD, Mechelle Claridy, MPH, Brian Rivers, PhD.

#### Biomarkers in Cancer Surveillance and Screening

**B36 Overexpression of PVT1 exons 4A, 4B, and 9 is characteristic of aggressive prostate cancer in males of African ancestry.** [Adeodat Ilboudo](#), Akintunde Orunmuyi, Cuong Bach, Olorunseun Ogunwobi.

**B37 Association of EMT with Prostate Cancer Health Disparities.** Liza J Burton, Ohuod A Hawsawi, Quentin J Loyd, Camille Ragin, Valerie Odero-Marah.

### **Biomarkers in Imaging**

**B38 The ties that bind: Associations of communication, cancer history, and screening intention among diverse Kin Keeper<sup>SM</sup> families.** Timiya S. Nolan, Alai Tan, Karen Patricia Williams.

**B39 A pilot study of neuropsychological functions, APOE and amyloid imaging in patients with gliomas.** Denise Correa, Maria Kryza-Lacombe, Xiaosun Zhou, Raymond Baser, Brad Beattie, Zodina Beiene, Irene Orlow, John Humm, Lisa DeAngelis, Wolfgang Weber, Joseph Osborne.

### **Biomarkers of Risk and Surrogate Endpoints**

**PR06, B40 Differences in tumor infiltrating lymphocytes between racially-distinct triple negative breast tumors.** Nikita Wright, Chaeyun Lee, Wei Guan hao, Uma Krishnamurti, Xiaoxian Li, Padmashree C. G. Rida, Remus Osan, Ritu Aneja.

### **Molecular Diagnostics**

**B41 Transcriptome-wide profiling identifies novel differential genes associated with health disparity of prostate cancer.** Hamdy Ali, Pei-Yau Lung, Shaimaa Gad, Andrew Sholl, Hamed I. Ali, Jinfeng Zhang, Zakaria Y. Abd Elmageed.

**B42 Development of a urine exosome based prostate cancer gene expression panel to address racial differences in prostate cancer.** Indu kohaar, Sreedatta Banerjee, Lakshmi Ravindranath, Yongmei Chen, Amina Ali, Jacob Kagan, Sudhir Srivastava, Albert Dobi, David McLeod, Inger L. Rosner, Shiv Srivastava, Gyorgy Petrovics.

**B43 Germ-line and somatic mutations, immune signatures, and epigenetic alterations linked to neighborhood determinants of health differ in Black and Non-Latino White head and neck cancer patients.** Rafael Guerrero-Preston, Fahcina Lawson, Laura Manuel, Blanca Valle, Tal Hadar, Bianca Rivera, Oluwasina Folawiyo, Adriana Baez Bermejo, Luigi Marchionni, Wayne Koch, William Westra, David Sidransky.

**B44 Exosomes-associated miR-3128 and miR-3613 are dysregulated in African American men with prostate cancer and correlated with poor prognosis.** Hamdy Ali, Andrew B Sholl, Pei-Yau Lung, Juan Bustamante, Jinfeng Zhang, King S Coffield, Zakaria Y. Abd Elmageed.

### **Drug Design, Discovery, and Delivery**

**B45 A Novel Peptide Suppressing M2-Polarized Macrophages Enhances Sensitivity of Tumors Towards Current Chemotherapies and Immunotherapies.** Anghesom A Ghebremedhin, Clayton C. Yates.

### **Mechanisms of Drug Action**

**B46 Vorinostat modulates the expression of the progesterone receptor in subtypes of triple negative breast cancer cell lines.** Beverly Lyn-Cook, Fatemeh NouriEmamzadeh, Beverly Word, Rhonda Moore, Gustav Miranda-Carboni.

**B47 Efficacy of GLI antagonists in Triple Negative-Inflammatory Breast Cancer 2D and 3D models.** Helen Oladapo, Xiaojia Ji, Hassan Shehata, Mike Tarpley, Lhoucine Chdid, David Lamson, Xuhui Bao, Scott Sauer, Gayathri R Devi, Kevin P Williams.

**B48 Effect of concomitant CYP3A5 modulating drugs on androgen receptor signaling in African American men undergoing androgen deprivation therapy.** Priyatham Gorjala, Oscar B Goodman Jr., Ranjana Mitra.

### **Other**

**B49 Factors Affecting the Treatment of Young Women with Breast Cancer at Tertiary Referral Public and**

**Private Hospitals.** Ami Patel, Shubhada Dhage.

**B50 Heterogeneity of Tumor-micro environment and the role of CXCR5.** Courtney D Dill, Adaugo Okoro, Dongquan Chen Ph.D., MSHI, James W Lillard Ph.D, M.B.A.

**B51 Advancing Cancer Health Disparities Research Through the Beau Biden Cancer MoonshotSM.** Sonia Rosenfield, Amy E. Kennedy, Diane Palmieri, L. Michelle Bennett.

#### **DNA Damage and Repair Mechanisms**

**B52 Copy neutral loss of heterozygosity is decreased in African American colorectal cancers.** Gaius J Augustus, Nathan A Ellis.

#### **Stress Response and Allostatic Load**

**B53 Psychosocial stress exposure results in inhibition of mammary gland development and increase mammary stem cells in a rat model of breast cancer.** Marianna B Johnson, Joscelyn N Hoffmann, Hannah M You, Ahmad B Allaw, Jordan W Strober, Matthew J Brady, Martha K McClintock, Suzanne D Conzen.

#### **Tumor Promotion and Progression**

**B54 The inflammatory microenvironment in prostate cancer racial disparities.** Janielle P Maynard, Angelo M De Marzo, Karen S Sfanos.

#### **Angiogenesis and Invasion**

**B55 Tumor derived MCP-1 regulates invasiveness in triple negative breast cancer via the MAP Kinase pathway.** Pranabananda Dutta, Kimberly Paico, Yanyuan Wu, Marianna Sarkissyan, Jaydutt Vadgama.

#### **Cancer Genetics/Gene Expression**

**B56 Regulation of CXCR5-CXCL13 signaling in Prostate Cancer etiological disparities.** Adaugo Queen Ohandjo, Courtney Dill, Chen Dongquan, James W Lillard .

**PR01, B57 Distinct genomic alterations in prostate cancer of African American men.** Albert Dobi, Gyorgy Petrovics, Hua Li, Denise Young, Yongmei Chen, Jacob Kagan, Sudhir Srivastava, Reinhard Ebner, Inger L. Rosner, Jennifer Cullen, Matthew L. Freedman, Isabell A. Sesterhenn, Zoltan Szallasi, Shiv Srivastava.

**B58 The role of epigenetic reader and alternative mRNA splicing variant MBD2\_v2 in IL6 signaling in prostate cancer.** Emily Girsch, Bin Bao, Cristina Mitrea, Wael A Sakr, Gregory Dyson, Isaac Powell, Aliccia Bollig-Fischer.

**B59 Race-related differential splicing of the insulin receptor: A novel target underlying prostate cancer disparities.** April Deveaux, Bi-Dar Wang, Bonnie Lacroix, Brendon Patierno, Dadong Zhang, Kouros Owzar, Norman Lee, Daniel George, Jennifer Freedman, Steven Patierno.

**B60 Nanoparticles directed to IL13RA2 for targeted therapy of basal-like breast cancer.** Chen Khuan Wong, Sandy Zhang , Bjorn Reinhard, Sam Thiagalingam.

**B61 c-Myc is regulated and therapeutically targetable via the miR-1207-3p/FNDC1/FN1/AR pathway in aggressive prostate cancer in men of African Ancestry.** Dibash K Das, Akintunde T Orunmuyi, Gabriel Olabiyi Ogun , S. Adekola Adebayo, A. Ayo Salako, Adeodat Ilboudo, Cuong Bach, E. O. Olapade-Olaopa, Olorunseun O Ogunwobi.

**B62 Elucidating the role of CCL4 and CSF3 in breast cancer metastasis.** Inez Yuwanita, Yoanna Rodriguez, Marianna Sarkissyan, Yanyuan Wu, Jaydutt V Vadgama.

**B63 Race and Triple Negative Breast Cancer: Advances in Non-coding RNA Research Together with a**

**Systems-biology-level Analysis Uncover Key Molecular Differences .** [Aristeidis G Telonis](#), [Isidore Rigoutsos](#).

**B64 Race and prostate cancer: miRNA isoforms and tRNA fragments could hold some of the answers.** Rogan G Magee, Aristeidis G Telonis, Phillipe Loher, Eric Londin, [Isidore Rigoutsos](#).

**B65 TTK and KLF5 mediate EMT in the context of TGF- $\beta$  signaling in Triple Negative Breast Cancer.** [Jamie L. King](#), Baotong Zhang, Jin-Tang Dong.

**B66 Contribution of Mitochondrial Ancestry in Cancer Health Disparities.** Bajpai Prachi, Bhupendra Singh, [Keshav Singh](#).

**B67 Overexpression of claudin-3 tight junction protein in endometrial cancer cell lines and tumor tissues derived from African American women.** [Maria E Cuevas](#), Maria C Todd.

**B68 EGFR signaling mediated modulation of transcription and probable crosstalk with components of Wnt signaling.** [Miguel Nava](#), Nwamaka Amobi, Nathan Zemke, Arnold Berk, Robin Farias-Eisner, Jay Vadgama, Yanyuan Wu.

**B69 Aggressiveness and tumor biology in prostate cancer patients with and without biochemical recurrence.** [Natalia Acosta](#), Jovanny Zabaleta, Rodolfo Varela, Jorge Mesa, Silvia Serrano, Jone Garay, Melody Baddoo, Cruz Nataly, Alba Lucía Combita, María Carolina Sanabria-Salas.

**B70 Thymoquinone regulates cytochrome P450 genes involved in prostate cancer disparity.** [Santosh K. Singh](#), James W. Lillard, Rajesh Singh.

#### Cell Growth Signaling Pathways

**B71 Biologic for the Treatment of CRLF2 B-Cell Acute Lymphoblastic Leukemia to Reduce Pediatric Cancer Health Disparities.** Cornelia Stoian, Jacqueline S Coats, Veriah Vidales, Juliette Personius, Evgeny Chirshhev, Hossam Alkashgari, Ineavely Baez, Lawrence Liu, Hannah Choi, Sinisa Dovot, [Kimberly Payne](#).

#### DNA Methylation/Epigenetics, and Chromatin Regulation

**B72 DNA methylation and genetic alterations contribute to aggressive prostate cancer in African American men.** [Swathi Ramakrishnan](#), Xuan Peng, Qianya Qi, Qiang Hu, Gissou Azabdaftari, Elena Pop, James Mohler, Kristopher Attwood, Li Yan, Jianmin Wang, Anna Woloszynska-Read.

#### Oncogenes/Tumor Suppressor Genes

**B73 SOX2 regulation of FOXP1 as a mechanism driving disparate aggressiveness of prostate cancer in African-American men.** [Anthony Williams](#), Larischa de Wet, Marc Gillard, Steve Kregel, Tzintzuni Garcia, Russell Szmulewitz, Don Vander Griend.

**PR04, B74 Development of a novel therapeutic splice-switching oligonucleotide targeting race-related androgen receptor signaling and aggressive prostate cancer.** [Bonnie L LaCroix](#), Brendon M Patierno, Bruce A Sullenger, Daniel J George, Steven R Patierno, Jennifer A Freedman.

**B75 Nutritional profiling reveals glutamine-utilizing transaminases as a metabolic vulnerability of TAZ/YAP-driven breast cancer cells.** [Eleni Stampouloglou](#), Nathan Kingston, Chih-Sheng Yang, Liye Zhang, Stefano Monti, Xaralabos Varelas.

**B76 High glucose induces breast cancer progression through up-regulating PP2C $\delta$ .** Ke Wu, Xiaoting Yu, Xianghua Yi, Lynn Ma, Yahya Elshimali, Yanjun Liu, Donghui Zhu, [Yong Wu](#), Jaydutt V Vadgama.

#### Familial and Genetic Epidemiology

**B77 Panel testing to evaluate genetic predisposition to breast cancer in African American women.** [Heather L Blackburn](#), Craig D Shriver, Rachel E Ellsworth.

**B78 Germline variants in high-risk non-BRCA breast cancer patients from Puerto Rico.** [Julie Dutil](#), Jamie K Teer, Volha Golubeva, Sean Yoder, Nelly Arroyo, Miguel Echenique, Jaime Matta, Alvaro Monteiro.

**B79 Breast cancer characteristics and survival among Indigenous American women from Peru.** [Lizeth I Tamayo](#), Tatiana Vidaurre, Jeannie Navarro Vasquez, Sandro Casavilca, Jessica Ivonne Aramburu Palomino, Monica Calderon, Garth H Rauscher, Laura Fejerman.

**B80 A new inherited gastric cancer form caused by mutations in homologous recombination genes.** [Luis G Carvajal Carmona](#), International Gastric Cancer Genetics Collaboration.

**B81 Changing Fertility Factors Affecting Breast Cancer in the Bahamas.** [Sophia HL George](#), Ana Sandoval Leon, Talia Donenberg, Raleigh Bulter, Darron Halliday, DuVaughn Curling, Theodore Turnquest, John Lunn, Mohammad R Akbari, Steven Narod, Judith Hurley.

#### Treatment Factors and Outcomes

**B82 Is breast cancer survival associated with facility characteristics where the problem was initially presented to the healthcare system? Implications for racial/ethnic disparities in breast cancer.** [Alejandro Hughes](#), Garth Rauscher, Abigail Silva, Anne Marie Murphy.

**B83 Survival of ethnic and racial minority patients with multiple myeloma treated with first generation immunomodulatory and proteasome inhibiting medications.** [Elizabeth Dianne Pulte](#), Lei Nie, Nicole Gromley, Kirsten Goldberg, Amy McKee, Ann Farrell, Richard Pazdur.

**PR11, B84 Temporal patterns of breast cancer treatment initiation and completion among black and white women in the Carolina Breast Cancer Study.** [Sophie E Mayer](#), Melissa Troester, Stephanie B Wheeler, Andrew Olshan, Lisa A Carey, Jessica Tse, Katherine E Reeder-Hayes.

#### Pediatric Cancers

**B85 Racial Differences in Survival of Pediatric Patients with Brain and Central Nervous System Cancer, United States, 2001– 2012.** [David Siegel](#), Jun Li, Simple Singh.

**B86 Ethnic differences in microRNA expression associated with relapse among pediatric B-acute lymphoblastic leukemia patients: a pilot study.** [Ernest K Amankwah](#), Patrick A Brown.

#### Other Organ Sites

**B87 [Advocate Abstract:] Prostate cancer survivorship among African American males.** [Earl Bowen](#).

**B88 [Advocate Abstract:] An anthropological approach to African American prostate cancer disparity.** [Gerald Green](#).

**B89 [Advocate Abstract:] Caribbean men and prostate cancer.** [Jennifer Gumbs](#).

**B90 [Advocate Abstract:] Armorup for life.** [Loriana Hernandez-Aldama](#).

**B91 [Advocate Abstract:] Metastatic patients and clinical trials.** [April Knowles](#).

**B92 Metabolomic landscape of African American prostate cancer: insights into the biological basis of the racial disparity.** [Stacy M. Lloyd](#), Jie H. Gohlke, Jie H. Gohlke, Sumanta Basu, Vasanta Putluri, Shaiju K Vareed, Rebeca San Martin, Thekkelnaycke Rajendiran, Tiffany A. Dorsey, Bandana Prasad, Rajni Sonavane, Uttam Rasaily, James Henderson, Balasubramanyam Karanam, Harene Venghatakrishnan, Salil Bhowmik, Alexander Zaslavsky, Nilanjan Guha, Rick Kittles, Stefan Ambs, Michael Iltmann, David Rowley, Ganesh Palapattu, Nagireddy Putluri, George Michailidis, Arun Sreekumar.

#### Alcohol, Tobacco, and Substance Abuse

**C01 Awareness of Oral Cancer Among Betel Quid Users in a High-Risk Refugee Community.** [Danielle K Depalo](#), Lucy L Shi, Ella Bradford, Amy Y Chen.

**C02 The real cost. Preventing smokeless tobacco usage among rural adolescents and teens.** [Sharon Carothers](#).

#### Community-based Interventions

**C03 Reducing Muslim mammography disparities: Outcomes from a religiously tailored mosque-based intervention.** [Aasim Padela](#), Sana Malik, Shaheen Nageeb, Monica Peek, Michael Quinn.

#### Diffusion and Dissemination Research

**C04 Impact of a Minority Prostate Cancer (MiCaP) Research Digest in Translating Scientific Discovery into Public Health and Community Applications.** Folakemi Odedina, Kim Walsh-Childers, Mary Ellen Young, Getachew Dagne, Janice Krieger, [Ernest Kaninjing](#), Nissa Askins.

#### Health Education

**C05 Prostate cancer screening perception, beliefs, and practices among men in Bamenda, Cameroon.** [Ernest T. Kaninjing](#), Ivette Lopez, Jennifer Nguyen.

**C06 Adapting a Breast Cancer Education Program to reach Arab Muslim Women.** [Evelyn T. Gonzalez](#), Alia Salam.

**C08 Development of a Breast Cancer Health Literacy Measure for American Indians.** [Jordyn Gunville](#), Kelly Berryhill, Kathryn Rollins, Niaman Nazir, Won Choi, Christine M Daley.

**C09 Building capacity to conduct cancer disparities research: Progress and evaluation of NCI CRCHD P20 GUIDE Project.** [Karriem S. Watson](#), Alicia K. Matthews, Kent Hoskins, Rupert Evans, Ifeanyi Beverly Chukwudozie, Stacey Rhodes, Erica Martinez, Marian L. Fitzgibbon, Catherine Balthazar, Robert A. Winn.

**C10 Raising HPV awareness in immigrant populations: Are health educators prepared to address health literacy challenges?.** [Lenna Dawkins-Moultin](#), E. Lisako McKyer, Andrea McDonald.

**C11 Development of a Tailored Interactive Multimedia Intervention (TIMI) to Promote Colorectal Cancer Screening among Puerto Ricans.** Camille Velez-Alamo, Adrianna I. Acevedo-Fontanez, Vivian Colon-Lopez, [Marievelisse Soto-Salgado](#), Yolanda Serra-Martinez, Ileska M. Valencia-Torres, Maria E. Fernandez.

**C12 Cancer navigation programs: Identifying barriers and addressing health disparities in Appalachia.** Sharon Dwyer, Elizabeth Rohan, Dana White, Eric Stockton, Georgina Castro, Reda Wilson, Carol White, [Mark Dignan](#).

**C13 Knowledge and perceptions on colorectal cancer among male adults taking herbal remedies against anorectal or gastrointestinal disorders in rural Zaria, Nigeria.** [Mubarak Labaran Liman](#), Mubarak L. Liman, Sunday E. Atawodi, Iliemene E. Dorathy, Iliemene E. Dorathy, Nafisat Aliyu.

**C15 Increasing cancer prevention education and cancer screening in African Americans through a cancer health ministry.** [Terrence R Adams](#).

**C16 Using community theater to improve knowledge and awareness of cancer preventive health behaviors in Harris county, TX.** [Veronica Landa](#), Jane Montealegre, Roshanda Chenier, Glori Chauca, Ivan Valverde, Maria Jibaja-Weiss.

**C17 Community theater outreach to increase HPV vaccine intention among parents of Latino adolescents: A pilot test.** [Veronica Landa](#), Jane Montealegre, Maria Jibaja-Weiss.

**C18 [Advocate Abstract:] The job or work of being a cancer patient; how to advocate for yourself and a loved one.** [Richard H. Gelb](#).

**C19 [Advocate Abstract:] Patient advocate program.** [Sandi Stanford](#).

### **Socioeconomic Influences**

**C20 Financial strain in people struggling with healthcare costs.** Sarah Humble, Amy McQueen, Marquita Lewis, Jean Hunleth, Natasan McCray, Amanda Lee, Miquela Ibrao, [Aimee James](#).

**C21 Investing in Public-Private Partnerships to Address Breast Cancer Disparities among African-American Women (Low-Income) within a Non-Medicaid ACA Expansion State and Appalachian Region.** [Dwana "Dee" Calhoun](#), Patricia Matthews-Juarez.

**C22 Cancer-related financial burden, employment, and health among rural cancer survivors.** [Emily Hallgren](#), Leslie R Carnahan, Kristine Zimmermann, Yamile Molina.

**C23 Patterns of Employment and Income Losses Among Adults with Differing Levels of Wealth Following a Cancer Diagnosis .** [Margaret Tebbs](#), Sayeh Nikpay, Emily H Castellanos.

**C24 Determinants of delays in care-seeking for ovarian cancer symptoms in African American women.** [Megan Mullins](#), Michele L. Cote, Sarah Abbott, Anthony J. Alberg, Elisa V. Bandera, Jill Barnholtz-Sloan, Melissa Bondy, Fabian Camacho, Ellen Funkhouser, Patricia G. Moorman, Lauren C. Peres, Ann G. Schwartz, Paul D. Terry, Frances Wang, Joellen M. Schildkraut, Edward S. Peters.

**C25 Bridging the gap through a targeted research fellowship: Introduction and recruitment of underrepresented minority students to the cancer research physician scientist pipeline.** Shaneah Taylor, [Melinda Monge](#).

**C26 Associations Between Race/Ethnicity and Enrollment in Cancer Research Protocols.** [Ogochukwu Marietta Ezeoke](#), Gary Brooks, Michael A Postow, Shrujal Baxi, Lisa Diamond.

**C27 Socioeconomic status and racial differences in utilization of Inpatient versus Outpatient Hysterectomy.** [Zahra Bahrani-Mostafavi](#), Larissa R Brunner Huber, Sara Shahbazi, Pourya Naderi-Yeganeh.

### **Other**

**C28 Éxito!: Cultivating new Latino scientists in cancer health disparities research.** [Arely Perez](#), Kipling Gallion, Amelie G Ramirez.

**C29 Social networks at diagnosis and recurrence, breast cancer-specific mortality, and overall mortality in white and non-white women in the Pathways Study.** [Candyce Kroenke](#), Scarlett Lin Gomez, Marilyn Kwan, Lawrence Kushi.

**C30 Coping strategies in cancer: A systematic review of African American women with breast cancer.** [Jeanette Renay McFall](#), Jeanette Renay McFall, Jeanette Renay McFall, Jeanette Renay McFall.

**C31 Utilization of Health Information Technology among Racially and Ethnically Diverse Primary Care Patients.** [Melanie Jefferson](#), LaShanta Rice, Charli Pringle-North, Chanita Halbert.

**C32 [Advocate Abstract:] Cancer treatment designed for older adults.** [Yvonne McLean Florence](#).

**C33 [Advocate Abstract:] The power of music.** [William Foster](#).

**C34 [Advocate Abstract:] Does culture play a role in cancer survivorship?.** [Desiree Walker](#).

### **Late Effects/Survivorship**

**C35 Examining the role of social support and spirituality on the health status of Hispanic cancer survivors.** Carol Ochoa, Regine Haardörfer, Cam Escoffery, Kevin Stein, Kassandra I. Alcaraz.

**C36 Receipt, interest, and preferences for communication of cancer survivorship plans for colorectal cancer.** Jessie Padilla Medina, Kristina Flores, Myra Murillo, Jean McDougall, Anita Kinney.

**C37 Racial and ethnic disparities in comorbidities and behavioral risk factors among prostate cancer survivors, NHIS 2015.** Joelle Atere-Roberts, Ingrid J Hall, Judith Lee Smith.

#### Screening and Early Detection

**C38 Increasing colorectal cancer screening in rural populations: A systematic literature review.** Joelle Atere-Roberts, Ingrid J Hall, Judith Lee Smith.

#### Late Effects/Survivorship

**C39 Cancer Care Needs among Sexual and Gender Minority Cancer Survivors.** Julia Seay, Darryl Mitteldorf, Alena Yankie, William Pirl, Erin Kobetz, Matthew Schlumbrecht.

#### Quality of Life

**C40 Employment participation after early-stage breast cancer: patterns and determinants.** Christine C. Ekenge, Maria Perez, Julie A. Margenthaler, Donna B. Jeffe.

**C41 Racial comparison of patient satisfaction with medical care for prostate cancer patients enrolled in a treatment decision-making study.** Dantae L Bowie, Jennifer Cullen, Huai-Ching Kuo, Lauren Hurwitz, Yongmei Chen, Sally Elsamanoudi, Maryellen Colston, Jane Hudak, Inger L Rosner.

**C42 Correlates of Health-Related Quality of Life among African-American Survivors of Ovarian Cancer: Results from the AACES Study.** Roger T Anderson, Fabian Camacho, Elisa Bandera, Ellen Funkhouser, Patricia Moorman, Lisa Paddock, Lauren C Peres, Edward Peters, Sarah E Abbott, Anthony J Alberg, Jill Barnholtz-Sloan, Melissa Bondy, Michele L Cote, Ann Schwartz, Paul Terry, Joellen Schildkraut.

**C43 Health changes in low-income men transitioning from prostate cancer coverage to comprehensive insurance.** Ruby Kuang, Jamal Nabhani, Hui Liu, Lorna Kwan, Mark S. Litwin.

#### Oncogenes/Tumor Suppressor Genes

**C44 Epigenetic regulation of CRLF2 oncogene expression by Casein Kinase II (CK2) signaling in B cell acute lymphoblastic leukemia that occurs at high frequency in Hispanic children.** Chunhua Song, Zheng Ge, Kimberly J. Payne, Sinisa Dovat.

#### Diet and Nutrition

**C45 Development and validation of Children Dietary Inflammatory Index (CDII).** Samira Khan, Christian Alvarado, Michael Wirth, Nitin Shivappa, James R Hebert.

**C46 Fruit and vegetable intake and lung cancer incidence among Black women according to cigarette smoking status.** Sarah JO Nomura, Chiranjeev Dash, Lynn Rosenberg, Julie Palmer, Lucile L Adams-Campbell.

#### Obesity, Metabolism, and Cancer

**C47 Obesity enhances tumor colonization and promotes expression of the spliced variant MBD2\_v2 and splicing factor SRSF2 in Triple Negative Breast Cancer.** Emily A. Girsch, Gregory Dyson, Cristina Mitrea, Bin Bao, Lisa Polin, Aliccia Bollig-Fischer.

**C48 Colorectal cancer among African-Americans: Examining the relationship between dietary habits, physical activity, and colorectal cancer screening to reduce cancer risk and health disparities.** Noora S



Kanfash, Mary A Garza, Luciana Assini-Meytin.

### **Physical Activity and Energy Balance**

**C49 Differences in Exercise and/or Weight Loss Intervention Efficacy for Body Composition among White and Non-White Breast Cancer Survivors.** Xiaochen Zhang, Lorraine T Dean, Justin C Brown, Renate Winkels, Kathryn H Schmitz.

### **Healthcare Systems**

**C50 Geographic Management of Cancer Health Disparities Program (GMAP): A Regional Strategy for Expanding the Continuing Umbrella of Research Experiences (CURE) Pipeline in Cancer Research Nationwide.** Carrie M Norbeck, Miria Kano, Kimberly R Williams.

**C51 Definitive Radiation Therapy for cervical cancer: race as a risk factor for delayed completion, preliminary findings.** Shariska Petersen, Dmitry Davydov, Yafa Davydova, Michael FitzGerald, Thomas Buekers.

### **Health Economics, Policy, and Outcomes**

**C52 Disparities in treatment-related financial hardship and adherence to surveillance colonoscopy guidelines in ethnically, linguistically, and geographically diverse colorectal cancer survivors.** Jean A McDougall, Matthew P Banegas, Charles Wiggins, Ashwani Rajput, Vi K Chiu, Kristina G Flores, Anita Y Kinney.

**PR07, C53 Primary care utilization, late-stage diagnosis and timeliness of treatment among Medicaid cancer patients: Early signals following the ACA expansion.** Jennifer Tsui, Derek DeLia, Jose Nova, Rotter David, Kulkarni Aishwarya, Demissie Kitaw, Stroup Antoinette, Joel C Cantor.

**C54 Survival outcomes for head and neck patients with Medicaid: A health insurance paradox.** Nosayaba Osazuwa-Peters, Matthew C Simpson, Sean T Massa, Eric Adjei Boakye, Lauren M Cass, Sai Deepika Challapalli, Rebecca L Rohde, Mark A Varvares.

**C55 Understanding the financial consequences of cancer: A qualitative study of racially and geographically diverse survivors.** Theresa A. Hastert, Lorna M. Mabunda, Lisa Berry-Bobovski, Tanina Foster, Susan Eggle.

### **Clinical Prevention Trials**

**C56 An Online-Based Storytelling Video Intervention on Promoting Korean American Female College Students' HPV Vaccine Uptake.** Minjin Kim, Haeok Lee, Teri Aronowitz, Lisa Kennedy Sheldon, Peter Kiang, Jeroan Allison, Ling Shi.

### **Prevention Behaviors**

**C57 Knowledge of breastfeeding to reduce breast cancer risk.** Akaansha Ganju, Anupama Suresh, Julie Stephens, Marilly Palettas, Diana Burke, Laura Miles, Maryam Lustberg, Seuli Brill, Bhuvaneshwari Ramaswamy.

**C58 Effect of physicians' recommendation on the perceived effectiveness of the HPV vaccine in preventing cervical cancer.** Eric Adjei Boakye, Nosayaba Osazuwa-Peters, Vy Pham, Betelihem B Tobo, Matthew C Simpson, Thomas Burroughs, Paula Buchanan.

**C59 HBV Screening and Vaccination among First Generation African Immigrants: A Pilot Study.** Grace X Ma, Adeodat Ilboudo, Omar Dibba, Lin Zhu, Yin Tan, Olorunseun O Ogunwobi.

### **Screening and Early Detection**

**C60 The Role of Psychosocial Predictors in HBV Screening Behavior among Vietnamese Americans.** Minsun Lee, Lin Zhu, Min Qi Wang, Zhengyu Wei, Yin Tan, Minhuyen Nguyen, Olorunseun O Ogunwobi, Grace X Ma.

## Prevention Behaviors

**C61 A low-cost alternative to traditional phone survey methods for reaching populations in rural communities: A case study of HPV vaccine readiness in Northern New England.** [Jenna E Schiffelbein](#), Jennifer A Alford-Teaster, Anna M Adachi-Mejia, Sunny Jung Kim, Tracy L Onega.

## Screening and Early Detection

**C62 Sub-Saharan African immigrant men' s knowledge and support related to cervical cancer screening- A qualitative descriptive study.** [Adebola Adegboyege](#), Jennifer Hatcher.

**C63 Differences in eligibility for low-dose computed tomography (LDCT) lung cancer screening among older U.S. adults: Role of sexual orientation .** [Alicia K. Matthews](#), Sean McCabe, Joseph Lee, Phil Veliz.

**C64 Inadequate follow-up of abnormal mammography screening results in Hispanic/Latinas living in the northeast, US.** [Beth A Jones](#), Steven Parra, Inginia Genao, Marcella Nunez-Smith , Elizabeth Claus , Hosanna Soler-Vila, Lisa Calvocoressi, Justin Markowski.

**C65 Feasibility and preliminary impact of the Screen to Save Initiative on colorectal cancer screening knowledge.** [Carolina López De la Torre](#), Sumayah Nuhaily, Jesse Dubin, Jessica Haughton, Elva M Arredondo.

**C66 The impact of the US Preventive Services Task Force recommendation against prostate screening on utilization of the Howard University Cancer Center' s “ Men Take Ten” prostate cancer screening program.** [Clinton Burnside](#), Carla Williams, Radhika Kakarla, Stephanie Purnell, Theresa Vaughn, Cherie Spencer, Tamaro Hudson, Teletia Taylor, Ali Ramadan, Adeyinka Laiyemo, Pamela Coleman.

**C67 Addressing Racial Disparity in Colorectal Cancer Screening with CT Colonography: Experience in an African-American Cohort.** Todd Fibus, [Courtney C Moreno](#), Elizabeth A Krupinski, David H Kim, Perry J Pickhardt.

**C68 Addressing negative cognitive and affective factors to increase colorectal cancer screening for African Americans.** [Deborah O Erwin](#), Marc Kiviniemi, Lynne Klasko, Elisa M Rodriguez, Frances G Saad-Harfouche, Erin Ellis, Lina Jandorf.

**C69 Patient satisfaction and mammography intention among Black women: Contributions of patient-provider interactions.** [Deeonna E. Farr, MPH, DrPH CHES](#), Heather M. Brandt, PhD, CHES, Daniela B. Friedman, PhD, Cheryl A. Armstead, MS(R), PhD, Swann A. Adams, PhD, MS, Jeanette Fulton, MD, Douglas Bull, MD.

**C70 A Community Guide systematic review of multicomponent interventions to increase breast, cervical, and colorectal cancer screening: Findings in underserved populations.** [Devon Okasako-Schmucker](#), Yinan Peng, Susan Sabatino, Ismaila Ramon, Kristin Tansil Roberts, Shawna L Mercer, Randy Elder.

**C71 Discrepancies in perceptions of colorectal cancer screening and willingness to screen among Federally Qualified Health Centers staff and Latino community members.** [Elizabeth N. Alpert](#), Sumayah Nuhaily, Carolina López De la Torre, Jessica Haughton, Samir Gupta, Jesse Nodora, Balambal Bharti, Christian Ramers, Felipe Garcia, Tatianna Clark, Claudia Carrizosa, Elva M. Arredondo, Kristen J. Wells.

**C72 Changing patterns of socioeconomic inequalities in women cancer screening in South Korea with ten years follow-up of nationwide cross-sectional study.** [Eunji Choi](#), Yoon Young Lee, Mina Suh, Boyoung Park, Jae Kwan Jun, Yeol Kim, Kui Son Choi.

**C73 A mobile mammography outreach program to increase screening in medically underserved areas in Missouri.** [Goldie Komaie](#), Sarah Lyons, Catherine Appleton, Katherine Glover-Collins, Christine Marx, Graham Colditz.

**C74 Developing and implementing an mHealth intervention for cervical cancer prevention in Santiago, Chile.** [Javiera Martinez Gutierrez](#), Daniel Capurro , Francis Ciampi, Mauricio Soto, Mackenzie C Momany, Emilia Cea, Tania Mergudich, Klaus Puschel.

**C75 Diagnosing CRC in 3 vulnerable health centers in Santiago, Chile. Not an easy task.** Viviana Rodríguez, María Jesús Valdivieso, Felipe Quezada, Maria Elisa Herrera, [Javiera Martínez-Gutiérrez](#).

**C76 Developing an online resource for lung cancer screening in a frontier population.** [Jennifer Leberknight](#), Michele Sargent, Kristin Cina, Margaret O'Connor, Romaine Tobacco, Sheikh Iqbal Ahamed, Daniel Petereit, Linda Burhansstipanov.

**C77 Impact of insurance and primary care stability on cancer screening behaviors.** [Karen M Freund](#), Sarah A Reisinger, Amy LeClair, Sarah Al-Najar, Gregory S Young, Jill Oliveri, Evelyn Gonzalez, Electra Paskett.

**C78 Pre-diagnostic journey of women with breast cancer and disparities in stage at diagnosis in Namibia: the African Breast Cancer – Disparities in Outcomes (ABC-DO) Cohort Study.** [Kayo Togawa](#), Fiona McKenzie, Annelie Zietsman, Isabel dos Santos Silva, Valerie McCormack.

**C79 Examining the role of cultural competence in mammography adherence: Perceptions of African American residents of Harris County, Texas.** [Marla B. Hall](#), Jeffrey J. Guidry, Lovell A. Jones.

**C80 Implementing a mailed colorectal cancer screening program: A safety-net clinic case study.** Jennifer L Schneider, [Morgan J Fuoco](#), Jennifer S Rivelli, Jennifer Coury, Beverly B Green, Amanda F Petrik, Ann Turner, Tanya Kapka.

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**C86 Launch of an intervention to improve mammographic screening adherence in women of one Bemidji Area tribe: The “ No squeeze can defeat me: Mammograms for life!” project.** [Wesley O Petersen](#), Ann M Nicometo, Robert A Vierkant.

**C87 Spatial Accessibility to Mammography Services in the Lower Mississippi Delta States.** [Whitney E Zahnd](#), Sara McLafferty, Recinda Sherman, Susan Farner, Hillary Klonoff-Cohen, Karin Rosenblatt.

**PR12, C88 Considering unintended effects of a colorectal cancer navigation program in a federally qualified health center in Chicago on mammography uptake.** [Yazmin San Miguel](#), Karriem S Watson, Keia Hobbs, Robert Winn, Yamile Molina.

#### **Vaccines and Immunoprevention**

**C89 Examining HPV awareness, sexual behavior, and intent to receive the HPV vaccine among racial/ethnic males 18-27.** [Dexter L Cooper](#), Natalie D Hernandez, Tiffany Zellner-Lawrence.

**C90 Sociodemographic predictors of HPV vaccine recommendation and initiation among female and male college students in Georgia.** [Milkie Vu](#), Robert A Bednarczyk, Nadya Prood, Lana Le, Carla J Berg.

**C91 Exploring the role of social determinants on HPV vaccine intentions and uptake among ethnoracial minority college students.** [Natalie D Hernandez](#), Dexter Cooper, Stephanie Kolar, Christopher Wheldon.

**C92 A diagnostic review of barriers to and opportunities for improving HPV vaccination in Alabama.** Sarah E Dilley, Sylvia Peral, J. Michael Straughn, Isabel Scarinci.