Eighth AACR Conference on
The Science of Cancer Health Disparities in
Racial/Ethnic Minorities and the Medically Underserved
November 13-16, 2015 • Sheraton Atlanta Hotel • Atlanta, GA
Poster Session A – Friday, November 13, 8:15 p.m.-10:15 p.m.

Administrative and Large-Scale Database Methods


Bioinformatics


Multilevel Analysis
A06  Examination of racial/ethnic disparities in ovarian cancer survival: Multilevel analysis of 2001-2012 SEER data.  Chen Chen, Yelena N. Tarasenko.

Neighborhood Analysis
A07  Exploring the distribution of environmental cancer risk by air toxics using geographic information systems.  LaShanta J Rice, Christopher T Emrich, Heather M Brandt, Lucy Annang Ingram, James W Hardin, Sacoby M Wilson, Chanita Hughes Halbert.

Community-Based Interventions
A08  Concordance in patient and provider priorities and preferences to address behavioral risk factors for cancer health disparities interventions.  LaShanta J Rice, Melanie Jefferson, Cathy L Melvin, Chanita Hughes Halbert.

Statistical and Epidemiological Models

Alcohol, Tobacco, and Substance Abuse
A10  Facebook advertisement effects on conversions and enrollment to a SMS/text smoking cessation service for young adult Latinos.  Patricia Chalela, Alfred L McAlister, Kipling J Gallion, Edgar Muñoz, Cliff Despres, David Akopian, Arely Perez, Robert Garcia, Amelie G Ramirez.

**Bioethics**

A12  **High rates of informed consent for biospecimen and data sharing among low-income Hispanic women: Results of a pilot randomized trial.**  Jesse Nodora, Maria Elena Martinez, Richard Schwab, Kristen Wells, Hyeon-eui Kim, Claudiu Farcas, Marcia Bouton, Ian Komenaka.

**Cancer Communications**

A13  **African American breast cancer survivors in the digital age.**  Amy Leader, Melissa DiCarlo, Patricia Bradley, Sarah Hagerty, Andrea Barsevick.


A16  **Impact of targeted communications within a National Cancer Institute Center to Reduce Cancer Health Disparities Geographical Management of Cancer Health Disparities Program Regional Network.**  Julia F Houston, Neha Jaggi, James R Hebert, Ashleigh D Gallagher, Mark Cromo, Athena Kheibari.

A17  **The development of an Indigenous cancer network: Lessons learned.**  Bridget Kehoe, Joan Cunningham, Bronwyn Morris, Alana Gall, Brian Arley, Gail Garvey.

A18  **Exploration of Florida blacks' understanding of precision medicine for cancer care and treatment.**  Christina L Redwine, Folakemi Odedina, Debra Lyon, Jennifer Nguyen.

A19  **A mixed methods approach to assessing ehealth activity among African American cancer survivors.**  Hayley S. Thompson, Anne Katz, Charity Barnes, Mary Smith, Tara Eaton.

A20  **LGBTQ self-disclosure in healthcare: The need for providers to discuss LGBTQ-specific cancer education.**  Lauren E Wilson, Ivana Sehovic, Julian A Sanchez, Steven K Sutton, Peter A Kanetsky, Vani N Simmons, Susan T Vadaparampil, Matthew B Schabath, Gwendolyn P Quinn.

**Community-Based Interventions**

A21  **Exploring the social networks of newly diagnosed breast cancer patients.**  Christine M Gunn, Sharon M Bak, Tracy A Battaglia, Naomi Ko, Vanesa Noel, Victoria A Parker.

A22  **Programmatic implementation of hepatocellular carcinoma prevention through hepatitis C testing, secondary prevention, and treatment for a medically and minority underserved population.**  Sarah E Dobra, Nidsa Baker, Lesley Miller, Lauren Stokes.

A23  **Fe en Acción/Faith in Action: Promotion of cancer screening among churchgoing Latinas.**  John P Elder, Elva M Arredondo, Jessica Haughton, Lilian G Perez, Maria Elena Martinez.


A26 Best practices for implementing a promotora-led cancer screening intervention in Latino communities. Jessica Haughton, Carolina Lopez de la Torre, John P Elder, Guadalupe X Ayala, Elva M Arredondo.

A27 Recruitment methods for engaging rural African American populations in community based research. Michelle Scott, Tamara Huff, Monica Albertie, Gerardo Colon-Otero.


A30 African American pastors’ perspectives on their role in addressing health disparities. Paige Pirkey, Brook E Harmon, Emma Draluck, Christine E Blake, James R Hebert.


A33 Promoting screening mammography in an American Indian community in Oklahoma: The Native Women’s Health Project. Eleni L Tolma, Kimberly Engelman, Cara Thomas, Stephanie Joseph, Julie Stoner, Ji Li, Norma Neely.

A34 Using a community-based breast health intervention to reduce structural barriers in accessing breast cancer screening services among underserved rural Latina and black women in Eastern North Carolina. Essie T Torres, Alice R Richman.

A35 Reducing lung cancer mortality in disparate populations through cancer-Community Awareness Access Research and Education (c-CARE). Lovoria B Williams, Martha Tingen, Amber McCall, Samir N Khleif.

Community-Based Participatory Research

A37  A group randomized trial to reduce obesity among Appalachian church members: The Walk by Faith study.  Ryan Baltic, Electra D Paskett, Samuel Lesko, Stephenie Kennedy, Gene Lengerich, Karen A Roberto, Nancy Schoenberg, Gregory Young, Mark Dignan.

A38  Participatory cancer education through illustrated story maps to address cancer health disparities.  John R Ureda, Kimberly C Rawlinson, Heather M Brandt, Wanda Green, Deloris G Williams, Andrea S Gibson.

A39  Profiles, motivations, and networks of prostate cancer advocates in southern black communities.  Lauren Rose Gilbert.

Genitourinary Cancers
A40  Untangling the ethnic differences among black men relative to prostate cancer burden: The Florida CaPCaS Study.  Folakemi Odedina, Mary Ellen Young, Getachew Dagne, Christopher Williams, Deidre Pereira, Lauren Gilbert, Eva Egensteiner, Kenneth Stokes, Christopher Hill, Community Advisory Board CaPCaS.

Community-Based Participatory Research
A41  Willingness of adults in Appalachia to participate in research involving biospecimens, biobanking and genetics.  Adana A.M. Llanos, Gregory S. Young, Eugene J. Lengerich, Ryan Baltic, Betsy B. Aumiller, Mark B. Dignan, Electra D. Paskett.


A43, PR01  Systems-level intervention to increase CRC screening in community health centers.  Meera Muthukrishnan, Yan Yan, Jean Wang, Graham Colditz, Aimee S James.


Decision Making

Community-Based Participatory Research
**Decision Making**

A47  Racial and socioeconomic differences in control over breast cancer prevention decisions among women at elevated risk.  Tasleem J Padamsee, Celia Wills, Electra Paskett.

A48  Treatment decision making in a population-based sample of black and white men with localized prostate cancer.  Elyse Reamer, Felix Yang, Jinping Xu.

A49  Enhancing career development opportunities for scholars and early stage investigators: Plans based on responses from the participants.  Beti Thompson, Heidi Tham.

**Genetic Testing and Counseling**


**Health Education**


A52  Sociodemographic predictors of HPV and HPV vaccine knowledge and awareness among Americans who use the Internet as their primary source of health information.  Nosayaba Osazuwa-Peters, Betelihem B Tobo, Rebecca M. Gordon, Eric Adjei Boakye.

A53  Revisiting the importance of a culturally integrated liver cancer education program among Asian Americans.  Hee-Soon Juon, Frederic Kim, Patrick Lam.

A54  Testing the efficacy of tangible prostate phantoms, interactive pelvic models, & simulated video as an educational aid to improve screening compliance of African American men for prostate cancer.  Simone Mayes.

A56  Sustainability and health education: Training public health students to deliver cancer information in Puerto Rico.  Laura Moreno, Yonaira Rivera, Himilce Vélez, Julio Jiménez, Susan Vadaparampil, Teresita Muñoz-Antonia, José Torres, Gwendolyn Quinn.

A57  Bug your doc - Get 3 shots! A culturally-appropriate social marketing intervention to increase HPV vaccination.  Pamela C Hull, Elizabeth A Williams, Dineo Khabele, Caree R McAfee, Maureen Sanderson.

**Obesity, Metabolism, and Cancer**

Health Education


A60  A Paradox: Engaging in At-risk behavior may not correlate with perceived susceptibility to cancer or heart disease. Betelihem B Tobo, Tonya Short, Nosayaba Osazuwa-Peters, Kahee A Mohammed, Lorinette Wirth, Christian Geneus, Eric Adjei Boakye.

DNA Damage and Repair Mechanisms

A61  Deleterious consequences of BRCA1 or BRCA2 mutations via CRISPR-Cas9 in ancestrally distinct triple negative breast cancer cell lines. Marcus Spears, Luisel Ricks-Santi, John Tyson McDonald.

Mutagenesis, Oxidative Stress, and Carcinogenesis


Stress Response and Allostatic Load


Tumor Promotion and Progression

A64  NQO1 depletion in non-small lung cancer cells decreases their tumorigenicity by reducing the ALDH (high) cancer stem cell population. Brian Madajewski, Michael A Boatman, Erik A Bey.


Diet and Nutrition


A69 The dietary inflammatory index is associated with inflammatory biomarkers among a population of African Americans from South Carolina. Michael Wirth, Nitin Shivappa, Lisa Davis, Thomas Hurley, Andrew Ortaglia, Ruby Drayton, Steven Blair, James Hebert.

Neighborhood Factors

A70 Is the availability of fast food restaurants and tobacco outlets near schools in 97 U.S. counties associated with school socio-demographic characteristics? Heather D’Angelo, Alice Ammerman, Penny Gordon-Larsen, Laura Linnan, Leslie Lytle, Kurt M Ribiisl.


A72 Neighborhood archetypes: An innovative tool for understanding how place impacts disparities in cancer mortality. Salma Shariff-Marco, Juan Yang, Margaret Weden, Andrew Hertz, David Nelson, Scarlett L. Gomez.

Obesity, Metabolism, and Cancer


A75 An analysis of the interaction between obesity and measures predicting prostate cancer-free survival. Aaron Hudson, Charnita Zeigler-Johnson, Karen Glanz, Elaine Spangler, Timothy R Rebbeck, Knashawn H Morales.

Physical Activity and Energy Balance

A76 Associations of sitting time and physical activity with obesity-related cancer risk in Mexican American adults. Matthew Chrisman, Wong-Ho Chow, Hua Zhao.


Health Economics, Policy, and Outcomes

A78 The effect of the Affordable Care Act Medicaid rebate increase on Medicaid drug prices for cancer. Ali Bonakdar.

A80 The Affordable Care Act dependent coverage expansion and cancer stage at diagnosis among young adults in the United States. Ka Zang Xiong, Ahmedin Jemal, Xuesong Han.


Exercise and Prevention

Cancer Communications

Health Education
A86 Challenges and opportunities for increasing the rates of HPV vaccination. Ahmed Elmi, Saad Tassaduq, Olive Mbah, Ashleigh DeFries, Lee Bone, Anjani Kapadia, Theron Scott, Nichole Tuite, Adrian Dobs.

Community-Based Interventions

Neighborhood Analysis
A89 Estimating potential years of life lost and productivity lost due to avoidable premature colorectal cancer deaths in US counties with lower educational attainment. Hannah K Weir, Chunyu Li, Jane Henley, Djenaba Joseph.
Bioinformatics

Other

B01  Career 911: A massive open online course (MOOC) to promote healthcare workforce diversity. Melissa A Simon, Laura S Tom, Kasey Brown, Shaneah Taylor, Nadia Hajjar, Emmanuel Cordova Telles, Erika de la Riva.

Biomarkers in Cancer Surveillance and Screening

B02  miR-1207-3p as a potential prostate cancer biomarker in black males. Dibash Kumar Das, Adeodat Ilboudo, Olorunseun O Ogunwobi.

B03  PVT1 exon 9 is a potential non-invasive biomarker that regulates apoptosis and the cell cycle in aggressive prostate cancer in Black males. Adeodat Ilboudo, Dibash Das, Olorunseun O Ogunwobi.


Mechanisms of Drug Action

B06  Repositioning HIV-based small molecule inhibitors of the stress oncoprotein LEDGF/p75 to overcome prostate cancer resistance to taxane chemotherapy. Leslimar Rios-Colon, Tino Wilson Sanchez, Catherine C Elix, Ivana Alicea, Anamika Basu, Christina Du Ross, Nouri Neamati, Carlos A Casiano.

Biomarkers in Intervention Studies


Cancer Genetics/Gene Expression

Biomarkers of Risk and Surrogate Endpoints


Molecular Diagnostics


Novel Technologies

B15 Development of an innovative treatment for obesity-related triple-negative breast cancer. Tia Harmon, Viola Lanier, Adriana Harbuzariu, Lily Yang, Ruben R Gonzalez-Perez.

Cancer Genetics/Gene Expression

B16 IL-10 promoter polymorphisms are associated with prostate cancer risk in African Americans. Muneer M. Abbas, Tshela Mason, Luisel Ricks-Santi, Victor Apprey, Rick Kittles, Chiledum Ahaghotu, Georgia Dunston.


B19 Colonic transcriptional response to 1,25(OH)2 vitamin D in African and European Americans. Sonia Kupfer, Brandon Mapes, Shigeki Nakagome, David Witonsky, Anna Di Rienzo.
Familial and Genetic Epidemiology

Cancer Genetics/Gene Expression

Familial and Genetic Epidemiology
B22 BRCA1 and BRCA2 mutational spectra in African American men with prostate cancer. Cha'Tonya Brown, John McDonald, Muneer Abbas, Georgia Dunston, Yasmine Kanaan, Luisel Ricks-Santi.

Cancer Genetics/Gene Expression
B24 Regulation of DARC isoforms among ancestry groups and associations with aggressive breast cancer subtypes. Kathryn Vollum, Rebekah Hutchins, Andrea M Brown, Crystal Perez, Melissa B Davis.

Cell Growth Signaling Pathways
B29 ASIC1 impacts Notch signaling pathway in the neuronal differentiation of neuroblastoma. Mingli Liu, Koichi Inoue, An Zhou, Zhigang Xiong.

DNA Methylation/Epigenetics, and Chromatin Regulation
B31  A new approach to targeted therapy for obesity-related pancreatic adenocarcinoma.  Cynthia
Ines Mantho Tchio, Adriana Harbuzariu, Tia L Harmon, Derreck J Beech, Ruben R Gonzalez-Perez.

Oncogenes/Tumor Suppressor Genes

B32  A novel preclinical model and targeted therapy to reduce pediatric leukemia health

B33  BRCA1 RING domain mutations and function-based tools to predict risk for the development of
TNBC.  Jingyao Xu, Shanekkia Black, Kartik Aysola, Yunlong Qin, Vaishali Reddy, Karan Singh, Joel Okoli,
Derrick Beech, Uma Krishnamurthy, Gabriela Oprea, Valerie M Rice, E Shyam Reddy, Douglas Moellering,
Yuchang Fu, Veena N Rao.

Other

B34  Association of genotoxic and/or pro-inflammatory bacterial genes to colorectal
neoplasia.  Maria Gonzalez-Pons, Ramón Gómez-Moreno, Abel Baerga-Ortiz, Marcia Cruz-Correa.

B35  Molecular characterization of colorectal tumors from Puerto Rican Hispanic patients.  Yaritza
Díaz-Algorri, Julvann Pérez-Mayoral, Maria González-Pons, Natalia Rodríguez, Belisa Suárez, Giancarlo
Colón, Javier Sevilla, Daphne L. Jorge, Xavier Llor, Rosa Xicola, Luis Tous, José S. Reyes, Marla Torres, Ajay
Goel, Segundo Rodriguez, Marcia Cruz-Correa.

Behavioral Epidemiology

B36, PR07  Racial and ethnic differences in dietary intake, physical activity and body mass index
(BMI) among cancer survivors: 2005 and 2010 National Health Interview Surveys (NHIS).  Doratha
Armenthus Byrd, Tanya Agurs-Collins, David Berrigan, Francis Thompson.

B37  Prevalence of viral hepatitis B and C infection among immigrants in the Baltimore-Washington
metropolitan area screened from 2009-2014.  Emmeline Ha, Frederic Kim, Jane Pan, Dan-Tam Phan Hong,
Hee-Soon Juon.

B38  Behavioral and clinical correlates of hepatocellular carcinoma among residents of South Central
Texas: A case-control study.  Amelie G Ramirez, Edgar Muñoz, Dorothy Long-Parma, Alan E.C. Holden,
Allen M Treviño, Timothy D Phillips, Bradley Pollock.

Familial and Genetic Epidemiology

B39  Effect modifiers of vitamin D receptor common polymorphisms on prostate cancer risk.  Ken
Batai, Adam B Murphy, Ebony Shah, Rick A Kittles.

B40  Rare variant discovery in known cancer genes from whole-exome sequencing of African
American hereditary prostate cancer families.  Cheryl D. Cropp, Shannon K. McDonnell, Sumit Middha,
Melissa DeRycke, Danielle M Karyadi, Daniel Schaid, Stephen N Thibodeau, William B Isaacs, Elaine A
Ostrander, Janet Stanford, Kathleen A. Cooney, Joan E. Bailey-Wilson, John D. Carpten.

B41  Distribution of cytogenetic abnormalities in African American multiple myeloma patients may
be unique for different geographic regions.  Preeya Patel, Manisha Bhutani, Kyle Madden, Myra R
Robinson, Rupali Bose, James Symanowski, Saad Z Usmani.
General Epidemiology and Biostatistics

B42 Factors associated to chlamydia trachomatis and HPV co-positivity in women aged 16-64 years old living in metropolitan area of San Juan, Puerto Rico. Maira Alejandra Castaneda, Erick Suárez, Ana Patricia Ortiz.


B45 Seroprevalence of $H. pylori$ in Puerto Rico. María del Mar Gonzalez-Pons, Marievelisse Soto-Salgado, Javier Sevilla, Erick L Suarez, Cynthia M Perez, Juan M Marquez-Lespier, Marcia Cruz-Correa.


Molecular Epidemiology

B47 Methylation differences in breast tumor DNA from African American and European women are predominant in estrogen receptor (ER) negative breast cancer and are associated with childbearing. Allyson C Espinal, Dan Wang, Lara Sucheston-Campbell, Song Liu, Qiang Hu, Li Tang, Gary Zirpoli, Thaer Khoury, Song Yao, Kitaw Demissie, Elisa V Bandera, Christine B Ambrosone, Michael J Higgins.

B48 Similar prevalence of t(14,18) in African American and Caucasian subjects. Scott Van Wier, Gerardo Colon-Otero, Gregory Ahmann, Esteban Braggio, Monica Albertie, Sikander Ailawadhi, Rafael Fonseca.

B49 The role of KCNK9 and TP53 on the racial disparity in biologically aggressive breast cancer subtype in The Cancer Genome Atlas (TCGA). Keith A Dookeran, Jacob K Kresovich, Maria Argos, Garth H Rauscher.


Prevention Behaviors

B54  Concordance between objective and perceived breast cancer risk and breast cancer worry in racially diverse and immigrant women. Ayana K April-Sanders, Parisa Tehranifar.


B61  A community-engaged approach to promoting adherence to diet-related cancer prevention guidelines. Selina S. Smith, Mary S. Whitehead, Ernestine Delmoor, Thomas Britt, Cassandra L. Harris, Janette Robinson-Flint, Steven S. Coughlin, Joyce Q. Sheats.


Screening and Early Detection

B63  Factors associated with cancer screening practices among Asian Indians. Pragati Advani, Shailesh Advani, Beverly Gor, Dorai Vaithianathan, Kabad Kanchan, Mala Pande.

B64  Hepatocellular carcinoma characteristics and outcomes among Somali immigrants. Hawa M Ali, Nasra H Giama, Hager Ahmed Mohammed, Essa A Mohamed, Ju Dong Yang, Abdirashid M Shire, Lewis R Roberts.

B65  Barriers to recommended screening among U.S. immigrants: A literature review. Elizabeth M Allen, John O Loftus.

B66  Disparities in prostate-specific antigen (PSA) testing for prostate cancer screening among men aged 18 years and over in the United States. Kwanza D. Boone, BSc, Gemechu B. Gerbi, MSc, PhD, Mechelle Claridy, MPH, Stephanie Miles-Richardson, DVM, PhD.

B67  Increasing access to cancer prevention and early detection screenings among racial/ethnic minorities: An innovative same-day result model. Jameisha B Brown.


B72  HPV knowledge and screening among gay men of color in South Florida.  Alexis Koskan, Natalie Leblanc.

B73  Examining colorectal cancer screening barriers and facilitators through a cultural lens: A mixed methods study of Chinese and Korean Americans.  Sunmin Lee, Mary Jung, Xiaoxiao Lu, Jamie Sim, Diane Ng.

B74  Changes of prostate cancer screening frequency following the preventive services task force recommendations.  Jun Li, Zahava Berkowitz, Ingrid Hall.


B77  Messages for your health: Mobile use and cancer prevention for under-served Latinas in Santiago, Chile.  Javiera Martinez-Gutierrez, Mauricio Soto, McKenzie Momany, Francis Ciampi, Daniel Capurro, Emilia Cea, Klaus Puschel.

B78  Using the Quality in the Continuum of Cancer Care framework to develop a multilevel intervention to improve cancer screening and follow-up among the medically underserved.  Jane R Montealegre, Loretta Hanser, Maria Daheri, Roshanda Chenier, Ivan Valverde, Glori S Chauca, Luis O Rustveld, Matthew L Anderson, Lois Ramondetta, Milena Gould-Suarez, Mushir L Benjamin, Larry D Scott, Juli R Nangia, Brian C Reed, Janet Hoagland-Sorensen, Alyssa Rieber, Maria L Jibaja-Weiss.


B80  Use of geographic information systems to visualize the screening colonoscopy referral network of the University of Chicago Medical Center.  Keith B Naylor, Olufemi Kassim, Karen E Kim.

B81  Improving comprehensive cancer screening in vulnerable patients with a patient navigation using a visit-independent population management system.  Sanja Percac-Lima, Jeffrey M Ashburner, Adrian Zai, Yuchiao Chang, Sarah Oo, Erica Guimaraes, Steven Atlas.


B83  Development of a cancer coalition to promote colorectal cancer screening in rural underserved communities in New Mexico.  Janeth I Sanchez, Lynn Arnold, Daniel Armistead, Diana Dorado, Tara Lucero, Cliff Sanders, Frances Scappaticci, Tim Washburn, Yolanda Diaz, Beti Thompson, Mary O’Connell.
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Poster Session B – Saturday, November 14, 5:30 p.m.-7:30 p.m.

**Vaccines and Immunoprevention**


B88 Prevalence of HPV vaccination of Cambodian American adolescents: Mother-daughter communication, knowledge, and demographic factors in vaccination. Haeok Lee, Minjin Kim, Ling Shi, Thiem Linda, Sonith Peou.

B89 HPV is not just a woman's business! Understanding the gaps in men's knowledge of HPV and HPV vaccine. Nosayaba Osazuwa-Peters, Eric Adjei Boakye, Betelihem B Tobo, Kahee Agid Mohammed.

B90 Predictors of HPV vaccine initiation and completion among Hispanic mothers of 11-17 year old daughters living along the Texas-Mexico border. Daisy Y Morales-Campos, Deborah A. Parra-Medina.

B91 Awareness and knowledge of HPV, HPV-related cancers, and HPV vaccines in a working, uninsured clinic population. Carmen Radecki Breitkopf, Lila Finney Rutten, Debra Jacobson, Patrick Wilson, Monica Albertie, Robert M Jacobson, Gerardo Colon-Otero.

**Health Education**

B92 The effectiveness of a prostate cancer handout for African American men. DeCoria McCauley, Mary Ellen Young, Nancy Hardt.

**Tumor Promotion and Progression**

B93 Nuclear cathepsin L (cat L) is associated with epithelial mesenchymal transition (emt) in prostate cancer cells. Liza J Burton, Jodi Dougan, Valerie Odero-Marah.

**Screening and Early Detection**


B95 Disparities in receiving clinical breast examination for early detection of breast cancer among women aged 18 years and over in the United States. Mikayla Y. Charles, Gemechu B. Gerbi, Elaine Archie-Booker, Stephanie Miles-Richardson.
Drug Design, Discovery, and Delivery

B96  Tackling obesity-related cancer health disparity, new inhibitors of Leptin signaling.  Crystal C. Lipsey, Adriana Harbuzariu, Courtney Dill, Ruben R. Gonzalez-Perez.

Molecular Diagnostics

B97  Targeting long noncoding RNA in basal-like breast cancer in African Americans.  Yoo Jeong Han, Jing Zhang, Sonja Boatman, Xingyu Lu, Jeffrey Mueller, Wei Zhang, Chuan He, Olufunmilayo I Olopade.
Community-Based Participatory Research


Recruitment/Retention/Adherence Research

C02 African American adults recognize importance of genetic research but are hesitant to participate in genetic studies. Lauren D. Arnold, Travis M. Loux, Aimee S. James.

C03 Untangling the influence of healthcare distrust on black Americans’ intention to participate in cancer prevention research. Deeonna E Farr, Heather M Brandt, Daniela B Friedman, Cheryl A Armstead, Sue P Heiney, Swann A Adams, Wanda Green, Samira Khan, James R Hebert.


C05 Overcoming breast cancer-related stigma: Lessons learned about outreach, recruitment, and retention of Korean breast cancer survivors from an ongoing randomized control trial intervention program. Sunmin Lee, Mary Jung, Sunghae Uhm, Jamie Sim.

Socioeconomic Influences

C06 Examining reasons for breast cancer disparities in African American women in Duval County, FL. Sarah Osian, Monica Albertie, David Monticalvo, Steven Ames, Laila Samian, Gerardo Colon-Otero.

C07 A patient-centered approach to a cancer care delivery innovation for low-income patients: Medical-legal partnership with patient navigation. Naomi Y Ko, Sharon Bak, Ann Han, Kerrie Nelson, Christine Gunn, Emily Bergling, Maria Castano, Vanesa Noel, Kate Festa, Na Wang, Wanda Turner, Samantha Morton, JoHanna Flacks, Tracy A Battaglia.

C08 Multilevel determinants of disparities in breast reconstruction: A systematic review. Jaya S Khushalani.

C09 Socioeconomic disparities in hospital admission patterns following cancer-related ED visits in the United States. Marc Kowalkowski, Derek Raghavan, Michael Runyon, Mellisa Wheeler, Michael Gibbs, Andrea Bouronich, Carol Farhangfar.


C11 Racial differential in pain and nausea during breast cancer chemotherapy. Margaret Quinn Rosenzweig, Susan Wesmiller.

Stress

C13  What strategies may be effective to address erectile dysfunction following treatment of prostate cancer in men of color?  Sanford Jeames, Shelley Imholte.

Other

C14  The Florida ReTOOL Program: Creating a training bridge for the next generation of biomedical scientists.  Folakemi T Odedina, Merry Jennifer Markham, Renee Reams, Bereket Mochona, Dixon Alma, Nguyen Jennifer, Gilbert Lauren.

Community-Based Participatory Research

C15  Using grounded theory to develop a model of prostate cancer care and survivorship for black men: The Florida CaPCaS study.  Mary Ellen Young, Folakemi T. Odedina, Christopher Williams, Deidre Pereira, Getachew Dagne, Eva Egensteiner, Lauren Gilbert, Kenneth Stokes, Christopher Hill, Esther Piervil.

Other


Late Effects/Survivorship

C19  Assessing metformin use and ovarian cancer survival from electronic medical records.  Leshaun Clayton, Spencer Keene, Samantha P Stansel, Min Jiang, Melinda Aldrich, Hua Xu, Jeremy Warner, Joshua Denny, Dineo Khabele, Alicia Beeghly-Fadiel.


Quality of Life


Other

C25  The effect of longitudinal symptom distress and overall cancer distress on the ability of African American women to receive prescribed breast cancer chemotherapy without delay.  Melissa K Yee, Susan Sereika, Margaret Quinn Rosenzweig.

Diet and Nutrition


Race, Admixture, and Ethnicity

C27  Lifestyle and cancer screening behaviors among Asian Indians compared to BRFSS rates in Texas.  Shailesh Advani, Pragati Advani, Beverly Gor, Vaithianathan K Dorai, Kanchan Kabad, Mala Pande.


C30  Disparities in colorectal cancer survival among Puerto Rican Hispanics.  Maria Gonzalez-Pons, Mariela Torres, Marievelisse Soto-Salgado, Lorena Marcano-Bonilla, Marcia Cruz-Correa.

C31  Exploring disparities in sentinel lymph node biopsy within the Breast Cancer Care in Chicago study.  Bethliz Irizarry, Keith Dookeran, Garth Rauscher.

C32  Native American genetic ancestry is protective against prostate cancer in African Americans and European Americans.  Adam Murphy, Ken Batai, Ebony Shah, Rick A Kittles.

C33  Age at onset of breast cancer in African American women by estrogen receptor status and age at menarche.  Julie R Palmer, Hanna Gerlovin, Lynn Rosenberg.

C34  Association of genetic ancestry with colorectal tumor characteristics in Puerto Rican Hispanics.  Julyann Pérez-Mayoral, Marievelisse Soto, Maria González-Pons, Belisa Suárez, Myrta I. Olivera, Ebony Shah, Rick Kittles, Marcia R. Cruz-Correa.


C36  Cancer incidence disparities among the Asian American population.  Hongbin Jin, Paulo S Pinheiro.

C37, PR08  The role of genetic structure in Colombian coastal and andean populations on disparities in colorectal adenomas and cancer risk.  María Carolina Sanabria-Salas, Gustavo Adolfo Hernández-Suárez, Adriana Umaña-Pérez, Martha Lucía Serrano-Pérez, Myriam Sánchez de Gómez, Martha Patricia Rojas, Jovanny Zabaleta, Konrad Rawlik, Albert Tenesa.

Stress

C39  Optimism and breast cancer risk: Results from a prospective cohort study.  Sangmi Kim, Fengjiao Hu, Lisa DeRoo, Helen Meier, Christine Parks, Dale Sandler.

Other Risk Factors

C40  Organochlorine and organophosphate pesticide exposure in children and adolescents of Mexican origin residing in the Lower Rio Grande Valley of Texas.  Mike Hernandez, Celia Garcia-Prieto, Maria Hernandez-Valero, Sherri L Patterson, Yisheng Li, Richard A Hajek, Lovell A Jones, Ernest Hawk.

C41  Serum vitamin D and risk of prostate cancer among black men in the Prostate, Lung, Colorectal, and Ovarian (PLCO) Cancer Screening Trial.  Tracy M. Layne, Stephanie Weinstein, Xiaomei Ma, Barry I. Graubard, Susan T. Mayne, Demetrius Albanes.


C43  Is the influence of high mammographic breast density on breast cancer incidence the same for non-Latina black and white women?  Katherine Y Tossas-Milligan, Firas Dabbous, Garth Rauscher.

Other


Treatment Factors and Outcomes

C45  A patient navigation model to increase rates of lung-directed therapy with curative intent (LDTCI) in African Americans with early stage non-small cell lung cancer (NSCLC).  Nestor F Esnaola, Debbie C Bryant, Kathleen B Cartmell, Elizabeth Calhoun, Katherine Sterba, Dana R Burshell, Elizabeth G Hill, Amy E Wahlquist, Kendrea D Knight, Marvella E Ford.

C46  What's Love Got to Do with It? Marital status and other predictors of stage at presentation and outcomes of head and neck cancers.  Nosayaba Osazuwa-Peters, Kara M Christopher, Adnan S Hussaini, Anit K Behera, Ronald J Walker, Mark A Varvares.

Head and Neck Cancers

Breast Cancer

C48 Neoadjuvant endocrine therapy in locally advanced hormone receptor positive (HR+) breast cancer (BC) in a low-resource, middle-income setting (Guatemala). Laila S. Agrawal, Mei-Ling Pereira, Ingrid A Mayer, Eduardo Garzouzi.


C50 Sensitivity of triple-negative breast cancer cell lines to cytotoxic and targeted agents as a function of molecular subtype. Heather Colley, Roopali Saxena, Angela Ogden, Guilherme Cantuaria, Michelle D Reid, Xiaoxian (Bill) Li, Uma Krishnamurthy, Padmashree CG Rida, Ritu Aneja.


C56 Relationship of ancestry and breast cancer subtypes in Hispanic women from New Mexico and Washington State. Jamie Guenethoer, Xiaoyu Chu, Karen W Makar, Chris S Carlson, Rania Bakkar, Irena B King, Huining Kang, Beth Thompson, Christopher I Li, Li Hsu, Linda S Cook, Peggy L Porter.


C58, PR09 Breast cancer in western Kenya is aggressive with early onset and immune cell infiltration with suppression of the adaptive immune response. Rispah T Sawe, Jun Li, Maggie Kerper, Sunil Badve, Kirtika Patel, Ayub Ofulla, Sharon Stack, Simeon Mining, Laurie E Littlepage.

C59 Initiation of adjuvant hormonal therapy among uninsured stage I-III breast cancer patients treated in a safety-net healthcare system. Caitlin C Murphy, Jasmin A Tiro, Gary Jean, Bijal A Balasubramanian, Robin T Higashi, Brian Le, Hugh Teng, Carlos A Alvarez.

C61, PR03  An reverse, racial disparity with respect to interval breast cancer rates within a large healthcare organization has implications for eliminating disparities more generally. Garth H Rauscher, Firas Dabbous, Terry Dolecek, Terry Macarol, Katherine Tossas-Milligan, Jenna Khan, Sarah Friedwald, Wm. Thomas Summerfelt.


C63  Elucidating the role of AIB1 in triple-negative breast cancer cell lines. Francisco R Saenz, Anna T Riegel.


Colorectal Cancer


Molecular Epidemiology

C68  Promoter methylation, stage at presentation and neighborhood-level effects are linked to survival disparities in HNSCC patients. Fahcina P. Lawson, Oluwasina Folawiyo, Blanca L Valle, Francesca Pirini, Nitesh Turaga, David Sidransky, Rafael E Guerrero-Preston.

Gastrointestinal Cancers

C69  Gastrointestinal cancers disproportionately affect black Americans and are disproportionately underfunded by NCI. James R. Hillard.


Genitourinary Cancers

C71  Racial and socioeconomic disparities in staging magnetic resonance imaging (MRI) utilization for prostate cancer (PCA) patients undergoing radiotherapy. Ayobami Ajayi, Christina Chapman, Stefan Both, Curtiland Deville.


C74  Can we minimize androgen deprivation therapy-related quality of life effects in Māori and Pacific prostate cancer survivors using a genetic stratification? Nishi Karunasinghe, Yifei Zhu, DugYeo Han, Katja Lange, Alice Wang, Shoutun Zhu, Jonathan Masters, Megan Goudie, Justin Keogh, Benji Benjamin, Michael Holmes, Lynnette Ferguson.

C75  Correlation of nephrectomy status and race with overall survival in patients with metastatic renal cell carcinoma. Dale Kesley Robertson, Yuan Liu, Chao Zhang, Theresa Gillespie, John Petros, Muta Issa, Maria Ribeiro, Wayne B Harris.


Gynecological Cancers


Head and Neck Cancers

C80  Compliance with head and neck radiotherapy in medically insured and uninsured cancer patient populations. Kimberly M Thomas, Travis Martin, Holly Wilhelm, Ang Gao, Chul Ahn, David L Schwartz.

Lung Cancer


Other Organ Sites

Eighth AACR Conference on
The Science of Cancer Health Disparities in
Racial/Ethnic Minorities and the Medically Underserved
November 13-16, 2015 • Sheraton Atlanta Hotel • Atlanta, GA
Poster Session C – Sunday, November 15, 4:30 p.m.-6:30 p.m.

Race, Admixture, and Ethnicity
C83 Examining allele frequency differences in variants for DNA repair genes between populations. Myron Keith Gibert, Jocelyn Mapp, John Tyson McDonald, Luisel Ricks-Santi.

Recruitment/Retention/Adherence Research

Community Groups and Advocacy

C86 Adapting patient navigation to promote cancer screening in Chicago’s Chinatown. Ivy S. Leung, Chinese American Service League, Chicago, IL.

C87 Prevalence of HPV vaccine uptake in Hawai’i. May Rose Isnec Dela Cruz, ‘Imi Hale Native Hawaiian Cancer Network, Honolulu, HI.

C88 Genomics, advocacy, and emerging therapeutics to address triple-negative breast cancer (TNBC) outcome disparities. Susan Samson, University of California San Francisco, San Francisco, CA.

C89 Empower to care. Dawn Elliott, The Rose, Houston, TX.

C90 Working to double pancreatic cancer survival by 2020. Maurice L. Bason, Pancreatic Cancer Action Network, Cincinnati, OH.

C91 Disparity in immunotherapy side effects management: A patient’s perspective. Andy Derr, Independent Patient Advocate, Allentown, PA.


C93 LUNA: Latinos United for a New Awakening. Viviam Sifontes, Latino Unidos Por Un Nuevo Amanecer (LUNA), Tampa, FL.

C94 Arkansas Cancer Coalition: Mechanisms to advance the implementation of the Arkansas Cancer Plan. Miriam Karanja, Arkansas Cancer Coalition, Little Rock, AR.

C95 Cancer health disparities in the U.S. Jeri Francoeur, The Susan G. Komen Breast Cancer Foundation-Central Florida Affiliate, Ormond Beach, FL.

C96 Community education; community advocacy. Jacqueline Waldine Currie, Stillman College, Tuscaloosa, AL.

C97 Destination Hope: Survivor support to enhance quality of life. Elizabeth (Betsy) Glosik, Destination Hope, Inc., Brecksville, OH.

Administrative and Large-Scale Database Methods
Community Groups and Advocacy

C99  Navajo herbal medicine. Sheridan Cowboy. University of New Mexico, Albuquerque, NM.