**Poster Session A**  
**Friday, November 2**  
**6:45-8:45 p.m.**

**A001** The National Cancer Institute Cancer Center Cessation Initiative (C3I): Examining the baseline characteristics and reach of tobacco treatment programs within NCI-Designated Cancer Centers in the C3I. Heather D'Angelo, University of Wisconsin-Madison, Madison, WI

**A002** Leveraging resources through the Translational Research Institute to engage communities in tobacco related health disparities research. Pebbles Fagan, University of Arkansas for Medical Sciences, Little Rock, AR

**A003** Group Tobacco Education at Short and Long-Term Substance Use Disorder Programs. Rebecca Jackson, Dana-Farber Cancer Institute, Boston, MA

**A004; PR01** Factors associated with dual use of electronic cigarettes among adult American Indians who smoke: A Cherokee Nation cohort study. Dorothy Rhoades, Stephenson Cancer Center, University of Oklahoma Health Sciences Center, Oklahoma City, OK

**A005** ‘Nobody will tell you. You’ve got to ask!’: Race-based differences in patient-provider communication efficacy and social support between Black and White women with breast cancer. Janeane Anderson, University of Tennessee Health Science Center, Memphis, TN


**A007** Disparities in cancer clinical trial participation: The influences of race and social support among cancer survivors. Dexter Cooper, Morehouse School of Medicine, Atlanta, GA

**A008** Barriers and facilitator to minorities participation in cancer clinical trials: Perspectives from a safety-net hospital. Dexter Cooper, Morehouse School of Medicine, Atlanta, GA

**A009** Validation of an instrument to measure health professionals’ health literacy competence. Lenna Dawkins-Moultin, City of Hope Comprehensive Cancer Center, Duarte, CA
A010 Primary prevention across the life course: Findings from the young women's breast cancer and media study. Ann Klassen, Drexel University Dornsife School of Public Health, Philadelphia, PA

A011 Opportunities for connection: A scoping review of telemedicine interventions in colorectal cancer screening in rural and non-rural settings. Julia Maki, Washington University School of Medicine, St. Louis, Missouri

A012 Differences of trust in cancer information from various sources among Hispanic adults in the United States: Analysis of the 2014 HINTS. Jason Morency, Sophie Davis Program in Biomedical Education/CUNY School of Medicine, New York, NY

A013 Parental health communication and satisfaction with medical providers of childhood cancer survivors: Differences by race/ethnicity and language. Carol Ochoa, University of Southern California, Los Angeles, CA

A014 Development of a culturally grounded brochure to enhance colorectal cancer screening in Southwestern American Indian communities. Andrew Sussman, University of New Mexico, Albuquerque, New Mexico

A015 Integrating research and outreach to Increase CRC screening knowledge in underserved communities: The Geographic Management of Cancer Health Disparities Program and National Outreach Network Screen to Save partnership. Mark Cromo, University of Kentucky Markey Cancer Center, Lexington, KY

A016 [Advocate Abstract:] A health communication strategy for cervical cancer advocacy among health care workers. Althea Bailey, Texas

A017 Using social media to communicate breast cancer risk and promote breastfeeding among pregnant African American women. Cassy Dauphin, Roswell Park Comprehensive Care Center, Buffalo, NY

A018 Community outreach navigation of minority and medically underserved women in rural Arkansas to mammography facilities: Evolution and experiential results of the National Witness Project® from the last decade. Julia Devonish, Roswell Park Comprehensive Cancer Center, Department of Cancer Prevention and Population Sciences, Buffalo, New York

A019 Community-based intervention leads to increased cancer knowledge and prevention behaviors in a rural population. Amanda Eggen, Cancer Health Disparities Initiative, University of Wisconsin Carbone Cancer Center, Madison, WI

A020 Utilizing a community navigator's approach to improve breast and cervical cancer screening in the Deep South. Claudia Hardy, University of Alabama at Birmingham Comprehensive Cancer Center, Birmingham, AL

A021 Multi-level approaches to breast cancer disparities in the United States: An integrative review. Sarah Hohl, University of Washington/Fred Hutchinson Cancer Research Center, Seattle, WA

A022 [Advocate Abstract:] Are You Dense? Chiara D'Agostino, SHARE Cancer Support, NY
A023 Results from a Town Hall Meeting: Inflammatory Breast Cancer Listening Session led by KOMEN Scholars. Kearston Ingraham, Office of Health Equity, Duke Cancer Institute, Durham, NC

A024 Planning for scale-up of an evidence-based intervention in community settings: Project HEAL insights from the SPRINT Initiative. Laundette Jones, University of Maryland School of Medicine, Baltimore, MD


A026 Addressing the burden of gastric cancer disparities in low-income New York City Chinese American immigrants. Simona Kwon, NYU School of Medicine, NYC, NY

A027 [Advocate Abstract:] Winona Hollins Hauge, Northwest/west www.iccnetwork.org Regional Leader

A028 Exploring Asian Indian and Pakistani views about cancer and participation in research: An evaluation of a culturally tailored educational intervention. Amy Leader, Thomas Jefferson University, Philadelphia, PA

A029 Promising Effects of A Culturally Tailored Multilevel Pilot Intervention to Increase HPV Vaccination Uptake among Asian American Female and Male Adolescents. Grace Ma, Temple University, Philadelphia, PA

A030 Empowering Latinas to Obtain Breast Cancer Screenings: Comparing Intervention Effects and Cost-Effectiveness. Catherine Melissa Pichardo, University of Illinois at Chicago, Chicago, IL

A031 The influence of diet and physical activity in the relationship between context, obesity, and obesity-related cancer disparities: A systematic review. Catherine Pichardo, University of Illinois at Chicago, Chicago, IL

A032 Quitline treatment enrollment, dose, and cessation outcomes among safety net patients linked with treatment via Ask-Advise-Connect: Differential efficacy among Spanish- vs. English-speaking smokers. Bárbara Piñeiro, Oklahoma Tobacco Research Center, Stephenson Cancer Center, University of Oklahoma Health Sciences Center, Oklahoma City, Oklahoma

A033 Barriers to eating fruits and vegetables among a low-income ethnically diverse population. Rebecca Selove, Tennessee State University, Nashville, TN

A034 Baseline characteristics of participants enrolled in a randomized controlled trial of a diet and physical activity intervention among Hispanic/Latina breast cancer survivors (in progress). Kathleene Ulanday, Columbia University Mailman School of Public Health, New York, NY

A035 Let's Talk Research: Community Ambassadors Engaging African Americans. Armenta Washington, Fox Chase Cancer Center, Philadelphia, PA
A036 Engaging African American men as citizen scientist to validate a prostate cancer biomarker. Karriem Watson, University of Illinois Cancer Center at UIC, Chicago, Illinois

A037 [Advocate Abstract:] Virgie Townsend


A039 Utilizing Community-based Participatory Research to Facilitate the Conduct of Research in a Safety-Net Hospital. Monica Harris, Morehouse School of Medicine, Atlanta, GA

A040 Barriers to African American Participation in Clinical Trials: A Qualitative Study of Central Brooklyn Residents. Cicely Johnson, SUNY Downstate Medical Center, Brooklyn, New York

A041 University of California Moores Cancer Center | CancerDAT: Development of an online tool to reduce cancer disparities by engaging and linking local organizations and researchers. Corinne McDaniels-Davidson, San Diego State University, San Diego, CA

A042 Increasing the participation of minorities in research in a biorepository in UC San Diego, California. Alfredo Molinolo, BTTSR, Moores Cancer Center, UC San Diego, La Jolla, CA


A044 Black identity, hair product use and breast cancer: Exploring breast health issues in Black women. Dede Teteh, City of Hope, Duarte, CA

A045 Racial/Ethnic, Language and Health Literacy Disparities on Perception of Voluntariness during Informed Consent for Pediatric Cancer Clinical Trials. Jesse Nodora, University of California San Diego, Dept. of Pediatrics, Division of Pediatric Hematology/Oncology, Rady Children’s Hospital-San Diego, UCSD Moores Cancer Center, San Diego, CA, U.S.

A046 Colorectal cancer screening among Chamorro on Guam: Barriers and Access to Care. Tressa Diaz, University of Guam, Mangilao, Guam

A047 An ethnographic study of African American men’s prostate cancer treatment decision-making. Nynikka Palmer, University of California, San Francisco, San Francisco, CA

A048 Creating a mobile device-based educational intervention for African American women with hereditary breast cancer risk. DeLawnia Comer-HaGans, Governors State University, University Park, IL
A049 Program for the identification, management and monitoring of patients and families at high risk of cancer in a Colombian National Cancer Reference Institution. María Carolina Sanabria-Salas, Instituto Nacional de Cancerología, Bogotá, Colombia

A050 Molecular testing for minority patients with or at high risk for cancer. Rajbir Singh, Meharry Medical College, Nashville, TN

A051 Race and gender differences in awareness of colorectal cancer screening tests among recently diagnosed colon cancer. Leslie Carnahan, University of Illinois at Chicago, Chicago, IL

A052 Insurance status is a predictor of mode of colon cancer detection but not stage at diagnosis: What this means for early detection. Leslie Carnahan, University of Illinois at Chicago, Chicago, IL

A053 Watchful Living: A pilot lifestyle intervention for African American and Hispanic prostate cancer patients on active surveillance and their partners. Dalnim Cho, The UT Texas MD Anderson Cancer Center, Houston, Texas

A054 [Advocate Abstract:] Examining health disparities among African American pancreatic cancer patients. Anneliese Wilson, My Style Matters, Inc., Georgia

A055 Pearls and pitfalls of implementing a patient navigation training workshop for Appalachia. Mark Dignan, University of Kentucky, Lexington, KY

A056 Supporting the next generation of researchers: The effects of a U54 Partnership. Marilyn Drennan, Fred Hutchinson Cancer Research Center, Seattle, WA

A057 Biospecimen donation among breast cancer survivors: Opportunities for research among non-donors. Megan Edmonds, Virginia Commonwealth University, Richmond, VA, U.S

A058 Examining preferential mode of obtaining health information in African American women with elevated risk for breast cancer. Tera Ivy, Governors State University, University Park, Illinois

A059 Promoting workforce diversity for cancer and cancer health disparities researchers: Approaches used by the Geographic Management of Cancer Health Disparities Program (GMaP) Regions 3 and 5. Miria Kano, University of New Mexico Comprehensive Cancer Center, Albuquerque, NM

A060 [Advocate Abstract:] Pathways to Ovarian Cancer. Kimberly Richardson, Independent Advocate

A061 Screen to save: Educating Utahns about colorectal cancer prevention and screening. Jennyffer Morales, Huntsman Cancer Institute, Salt Lake City, Utah

A062 Utilizing Inside Knowledge materials to improve gynecologic cancer knowledge in underserved populations. Mary Puckett, Centers for Disease Control and Prevention, Atlanta, GA

A063 Feasibility and acceptability of an online LGBT cultural competency training for oncologists: The COLORS Training. Julia Seay, Sylvester Comprehensive Cancer Center, Miami, FL
A064 The Meharry Cancer Summer Undergraduate Research Program: Increasing undergraduate exposure to cancer health disparities via summer research experiences. LaMonica Stewart, Meharry Medical College, Nashville, TN

A065 The Cancer Research Education Program (CREP): Training the next generation of cancer health disparities researchers through the Southeast Partnership for Improving Research and Training in Cancer Health Disparities (SPIRIT-CHD). Fern Tsien, Louisiana State University Health Sciences Center, New Orleans, Louisiana

A066 Inaccuracy in parental reports of adolescent human papillomavirus vaccination: A multilevel analysis of the influences of state-level and individual-level factors. Milkie Vu, Emory University, Atlanta, GA

A067 [Advocate Abstract:] Michael B. Lawing, KCCure

A068 Results to Date: Efforts to increase cancer health disparities training in Geographic Management of Cancer Health Disparities Program Region 1 North. Marcela Blinka, Sidney Kimmel Comprehensive Cancer Center, Johns Hopkins University, Baltimore, Maryland

A069 "She was like, ‘I'm done. I'm not taking this anymore'": Health care provider perspectives about breast cancer survivors non-adherence to adjuvant endocrine therapy. Tisha Felder, College of Nursing, University of South Carolina, Columbia, SC

A070 Engaging Underrepresented Researchers (UR) in Cancer Research: Engagement Strategies Utilized for Recruitment and Retention in the Geographic Management of Cancer Health Disparities Program (GMaP) Region 4. Linda Fleisher, Fox Chase Cancer Center, Philadelphia, PA

A071 Use of Finasteride in the Prostate, Lung, Colorectal and Ovarian Cancer Prevention (PLCO) Trial Cohort: Effects of Socio-demographic factors and a Black Box Warning. Jarrett Johnson, National Cancer Institute, Rockville, Maryland

A073 A Qualitative Exploration of Social Support Needs of Diverse Patients with Breast Cancer in the Adjuvant Phase of Treatment. Andrew Paladino, University of Tennessee Health Science Center, Memphis, TN

A074 Increasing Latino representation in cancer health disparities: The Éxito! Program. Arely Perez, UT Health San Antonio, San Antonio, Texas

A075 Gender Diversity in Academic Oncology Programs. Crystal Seldon, University of Miami Miller School of Medicine/ Sylvester Comprehensive Cancer Center and Jackson Memorial Hospital, Miami, Florida

A076 Adherence to adjuvant endocrine therapy: Do racial disparities persist among the insured? Dr. Vanessa Sheppard, Virginia Commonwealth University School of Medicine, Richmond, VA, U.S

A077 Examining the Relationship between Various Informal Sources of Social Support and the Physical Well-being among Cancer Survivors. Shaila Strayhorn, University at Illinois at Chicago, Chicago, IL
A078 Cause for concern: Understanding Black women's concerns with endocrine therapy. Arnetha Sutton, Virginia Commonwealth University School of Medicine, Richmond, VA

A079 Social-pain clusters in diverse women with breast cancer, and associations with sociodemographic factors and mortality. Candyce Kroenke, Kaiser Permanente Northern California Division of Research, Oakland, CA

A080 Rates of Invitation, participation, and willingness to engage in medical and clinical research: Findings from attendees at two gender specific community based screening programs. Nadine Barrett, Duke Cancer Institute, Durham, NC

A081 Trial Library: a pilot study to examine feasibility, acceptability, and preliminary estimates of efficacy for an online clinical trial matching website on patient-prompted conversations for Prostate Cancer Clinical Trials. Hala Borno, University of California, San Francisco, San Francisco, CA

A082 Influencing women’s attitudes toward participation in breast cancer clinical research: Improving inclusion of women of color. Noe Chavez, City of Hope National Medical Center, Duarte, CA

A083 Diversifying breast cancer clinical trial accrual: An approach to recruitment at a Comprehensive Cancer Center. Tanya Chavez, City of Hope, Duarte, CA

A084 The forgotten race: Underrepresentation of Asians in clinical research. Stacey Doan, City of Hope Medical Center and Claremont McKenna College, Duarte, CA

A085 Challenges and successes in recruiting African Americans with early stage, non-small cell lung cancer to an NIMHD-Funded, NCORP-Based patient navigation trial. Marvella Ford, Medical University of South Carolina, Charleston, SC

A086 Factors Influencing Women’s Attitudes toward Participation in Breast Cancer Clinical Research. Ellen Rippberger, City of Hope, Duarte, CA

A087 Community Research Navigators (CRN): The bridge to increasing Latino participation in clinical research. Mayra Serrano, City of Hope, Duarte, CA

A088 Perceived barriers for participating in areca (betel) nut cessation. Patrick Francis Sotto, University of Guam, Mangilao, Guam

A089 Addressing both community and institutional barriers increases accrual of minority patients in breast cancer clinical trials. Amelia Trant, Yale School of Medicine, New Haven, CT

A090; PR02 Contextualizing the association between social isolation and smoking among socioeconomically disadvantaged adults: Psychosocial, life-contextual, and healthcare factors. Kassandra Alcaraz, American Cancer Society, Atlanta, GA

A091 Insurance status and ethnicity/race are associated with late stage presentation for breast cancer patients. Katy Balazy, Stanford Cancer Center, Stanford, CA

A092 Cancer Caregiver Burden and Mental Health Outcomes: Differences by Race/Ethnicity. Abigail Cadua, Virginia Commonwealth University, Richmond, VA
A093 Employment and Work Experiences After Breast Cancer Treatment. Christine Ekenga, Washington University in St. Louis, St. Louis, MO

A094 The relationship between migration and integration stressors and tobacco use in a migrant Mixteco community. Gilberto Lopez, University of Rochester, Rochester, NY

A095 The inadequacy of conventional definitions for representing underserved cancer patients. Yan Lu, JPS Center for Outcomes Research, Fort Worth, TX

A096 Smartphone use and accessibility to internet by cancer patients in a socioeconomically diverse community. Rashmika Potdar, Einstein medical Center, Philadelphia, PA

A097 Propensity Score Matching Analysis of Payer Status’s Effect on the Survival of Colon Cancer Patients. Runhua Shi, LSU Health Sciences Center, Shreveprot, LA

A098 Socioeconomic and geographic predictors for radiotherapy quality disparities in the Mid-Southern U.S. Daniel Wakefield, University of Tennessee Health Science Center - West Cancer Center - Department of Radiation Oncology; Harvard T.H. Chan School of Public Health, Memphis, TN

A099 Benefit finding and depressive symptoms: The role of socioeconomic status and positive affect among immigrant cancer survivors. Carol Wang, University of Texas, MD Anderson Cancer Center, Houston, TX

A100; PR03 Disparities in work status after treatment for breast cancer: A controlled, longitudinal study. Victoria Blinder, Memorial Sloan Kettering Cancer Center, New York, NY

A101 Hair cortisol measurement in chronic hepatitis B patients. Hee-Soon Juon, Thomas Jefferson University, Philadelphia, PA

A102 Factors associated with psychological distress among chronic hepatitis B patients. Hee-Soon Juon, Thomas Jefferson University, Philadelphia, PA

A103 How do coping resources and financial hardship affect rural Latina breast cancer survivors’ stress and depressive symptoms: The Nuevo Amanecer Rural Trial. Anna Napoles, NIMHD, Bethesda, MD

A104 Racial disparities in receipt of cancer surgery contribute to worse outcomes for patients with gastrointestinal cancers. John Bliton, Montefiore Medical Center, Bronx, NY

A105 Racial disparities in reasons for not receiving surgery for gastrointestinal cancer. John Bliton, Montefiore Medical Center, Bronx, NY

A106 Key differences in muscular index and tumor burden reveal unique biology in ethnically diverse patients with pancreatic cancer. Miles Cameron, Department of Surgery, University of Florida College of Medicine, Gainesville, Florida

A107 Molecular subtyping of gastro-esophageal junction and gastric adenocarcinomas from American Hispanic/Latino patients. Sam Wang, UT Southwestern Medical Center, Dallas, TX


A110 Racial disparities in transitional cell carcinoma of the bladder: A population-based study. Mohamed Gad, Cleveland Clinic Foundation, Cleveland, OH

A111 Urine based gene expression panels with focus on prostate cancer in African Americans. Indu Kohaar, Center for Prostate Disease Research, Department of Surgery, Uniformed Services University of the Health Sciences and Walter Reed National Military Medical Center, Bethesda, MD

A112 Integrative epigenomic and transcriptomic analyses of kidney cancers from African Americans and European Americans. Khadijah Mitchell, Lafayette College, Easton, PA

A113 Comprehensive molecular mapping of prostate cancer- Approaching health disparities in molecular tumor heterogeneity perspective. Nallasivam Palanisamy, Henry Ford Health System, Detroit, MI


A115 Socioeconomic disparities associated with 90-day mortality among patients with head and neck cancer in the United States. Matthew Gaubatz, Saint Louis University School of Medicine, Saint Louis, MO

A116 University of Guam/University of Hawaii Cancer Center Partnership leads areca (betel) nut research in the Pacific Islands. Yvette Paulino, University of Guam, Mangilao, Guam

A117 Thyroid Cancer Incidence Trends among in Pediatrics, Adolescents, and and Young Adults in the United States 2001-2015. Katherine Polednik, St. Louis University School of Medicine, St. Louis, MO

A118 Optimization of end point PCR for the determination of ESR1, PGR and ERBB2 expression level in a resource limited settings: Ethiopian context. Zelalem Desalegn Woldesonbet, Addis Ababa University, Addis Ababa, Ethiopia

A119 Ethnic and sex differences in exposure to traffic-related air pollutants and lung cancer incidence: The Multiethnic Cohort. Iona Cheng, UCSF, San Francisco, CA

A120 Sex differences in tolerability and response to immune checkpoint inhibitors in non-small cell lung cancer patients. Narjust Duma, Mayo Clinic, Rochester, MN

A121 Uncovering Research Gaps and Strategizing Future Efforts: NCI Think Tank on Multiple Myeloma and Disparities. Amy Kennedy, National Cancer Institute, Bethesda, MD

A122 Comparison of mutational profiles in primary prostate cancers between men with African and European ancestry. Eejung Kim, University of Cincinnati, Cincinnati, OH

A125 [Advocate Abstract:] Using social media to empower others. Cindy Chmielewski

A126 [Advocate Abstract:] Financial disparities associated with treating Colorectal Cancer in the minority (African American) Community. Wenora Johnson, Fight CRC, MO

A127 [Advocate Abstract:] The journey of an advocate. Lou Lanza
Poster Session B
Saturday, November 3
6:00-8:00 p.m.

B001 [Advocate Abstract:] Multiple Myeloma in Puerto Rico. Marisel Brignoni, dot4life, Puerto Rico

B002 Improving knowledge and identifying barriers to screening for hepatitis B and hepatocellular carcinoma in trainees. Patricia Jones, University of Miami, Miami, Florida

B003 [Advocate Abstract:] Rebecca Esparza, Ovarian Cancer Research Fund Alliance

B006 Development of a novel therapeutic splice-switching oligonucleotide targeting race-related androgen receptor signaling and aggressive prostate cancer. Bonnie LaCroix, Duke Cancer Institute, Durham, NC

B007 Racial differences in survival among veterans and non-veteran populations with stage I non-small cell lung cancer. Naomi Alpert, Icahn School of Medicine at Mount Sinai, New York, NY

B008 South Carolina's National Breast and Cervical Cancer Early Detection Program Narrows the Gap in South Carolina Breast Cancer Disparities. Swann Arp Adams, University of South Carolina, Columbia, SC

B009 A qualitative assessment of challenges to return to work for colorectal cancer survivors: multi-stakeholder perspectives. Matthew Banegas, Kaiser Permanente Center for Health Research, Portland, OR

B010 Association of cancer survivors’ sociodemographic characteristics with survivorship care patterns. Michael Halpern, Temple University, Philadelphia, PA

B011 Changes in prescriptions for breast cancer medications after Medicaid expansion. Michael Halpern, Temple University, Philadelphia, PA

B012 An Investigation of Travel Distances for Breast Cancer Treatment Among a Racially and Socio-Economically Diverse Cohort. Sue Heiney, University of South Carolina, Columbia, SC

B013 Associations between psychosocial distress and physical inactivity and poor health in medically underserved cancer survivors in central Pennsylvania. Scherezade Mama, The Pennsylvania State University, University Park, Pennsylvania
B014 Differences in the impact of marital status on risk of suicide among cancer survivors based on cancer sites. Nosayaba Osazuwa-Peters, Saint Louis University, Saint Louis, MO

B015 Women in survivorship health using Project ECHO: Creating a model for navigated care transitions. Andrew Sussman, University of New Mexico, Albuquerque, New Mexico

B016 PREDICTORS OF NON-ADHERENCE TO ADJUVANT HORMONAL THERAPY AMONG BREAST CANCER PATIENTS. Samantha Truman, University of South Carolina, Columbia, SC

B017 Role of CYP3A5 in modulating androgen receptor signaling and its relevance in African American prostate cancer patients. Priyatham Gorjala, Roseman University of Health Sciences, Las Vegas, NV

B018 Exploring racial disparities in breast reconstruction after mastectomy at a NCI-Designated Cancer Center. Shahnjayla Connors, University of Houston-Downtown, Houston, TX

B019 Using Big Data to investigate disparities in cervix cancer survival: Racial and ethnic minorities and those with income and insurance disparities have worse overall survival from cervix cancer. Christine Fisher, University of Colorado, Aurora, CO

B020 Anti-proliferative efficacy of different targeted drugs on breast cancer cell lines of distinct subtypes. Meron Yohannes Nigussie, Addis Ababa University, Addis Ababa, Ethiopia

B021 Canine CAR T-cells therapy for mammary carcinoma in dogs. Xavier Ramos-Cardona, Purdue University, West Lafayette, Indiana

B022 Diversity of enrollment in prostate cancer clinical trials: Current status and future directions. Emily Rencsok, Harvard Medical School, Boston, MA

B023 Racial-ethnic disparities in the receipt of initial, cure-intended treatment for localized prostate cancer, SEER Medicare, 2004–2013. Thomas B Richards, CDC, Atlanta, GA

B024; PR07 Racial Differences in Financial Toxicity among Metastatic Breast Cancer Patients. Cleo Samuel, UNC Gillings School of Global Public Health, Chapel Hill, NC

B025 Examining the role of perceived respect on racial disparities in cancer-related pain. Cleo Samuel, UNC Gillings School of Global Public Health, Chapel Hill, NC

B026 Racial and Educational Differences in Symptom Burden and Supportive Care among Breast Cancer Patients Undergoing Chemotherapy. Cleo Samuel, UNC Gillings School of Global Public Health, Chapel Hill, NC

B027 Disparities in care by race and ethnicity for rectosigmoid cancer patients. Kasim MirzaC, Los Angeles, CA, Los Angeles

B028 Examining cost variation across palliative care delivery models for cancer patients: A systematic review. Samantha Joseph, Florida Agricultural & Mechanical University, Tallahassee, FL
B029 Chinese American Pain Experience (CAPE) project: A mixed methods study to understand cancer-related pain management in Chinese American patients in New York City. Simona Kwon, NYU School of Medicine, NYC, NY

B030 Comparative analysis of cell viability of two Triple Negative breast cancer cell lines using 2,3-dichloro-5,8-dimethoxy-1,4-naphthoquinone and 4 hydroxy-tamoxifen. Anastasia Robinson, Howard University, Washington, D.C.

B031 Mediating Factors for Perceived Impact of Prostate Cancer Survivors. Antoine B. Richards, Clark Atlanta Universty, Atlanta, GA

B032 Which forms of financial hardship predict financial distress among African American and white cancer survivors? Theresa Hastert, Wayne State University/Karmanos Cancer Institute, Detroit, MI

B033 Breast cancer and other cause of death among adult women in rural Ethiopia: Presentation and duration of suffering using the direct sisterhood method. Wondimu Ayele Manamo, School of Public Health Addis Ababa University, Ethiopia and Institute of Medical Epidemiology, Biostatistics and Informatics Martin-Luther University, Halle(Saale), Germany, Addis Ababa, Akaki Kality, Ethiopia

B034 Assessment of the prevalence and diagnosis of breast abnormalities among adult women in rural Ethiopia. Wondimu Ayele Manamo, School of Public Health Addis Ababa University, Ethiopia and and Institute of Medical Epidemiology, Biostatistics and Informatics Martin-Luther University, Halle(Saale), Germany, Addis Ababa, Ethiopia

B035 Health-related quality of life among Detroit lung cancer survivors: Findings from the Detroit ROCS studies. Julia Mantey, Wayne State University and Karmanos Cancer Institute, Detroit, MI

B036 Self-perceived health status, poor physical and mental health days among cancer survivors with different socioeconomic status. Sarah O'Connor, Fay W. Boozman College of Public Health, University of Arkansas for Medical Sciences, Little Rock, Arkansas

B037 The role of HIV status in health-related quality of life in gay and bisexual prostate cancer survivors: Findings from the Restore study. Elizabeth Polter, University of Minnesota, Minneapolis, MN

B038 The effects of coaching and action planning on patient activation and quality of life in vulnerable cancer patients. Shelby Roberts, SSR Advisors, Atlanta, GA

B039 The impact of social and built environments on quality of life among cancer survivors. Salma Shariff-Marco, University of California, San Francisco, San Francisco, CA

B040 The impact of racial/ethnic discrimination and residential segregation on cancer survivorship. Salma Shariff-Marco, University of California, San Francisco, San Francisco, CA

B042 Loss of nuclear alpha catenin contributes to chemoresistance and aggressive disease in African American triple negative breast cancer patients. Rania Bassiouni, University of Southern California, Los Angeles, CA
B043 Racial and sex variability in pediatric ALL survival is explained by immunogenic subtypes. Phatsimo Masire, Thomas Jefferson University, Philadelphia, PA

B044 PVT1 exons 4A and 4B overexpressed in prostate cancer in black males regulate prostate epithelial cell proliferation and migration. Gargi Pal, CUNY Hunter College, New York, NY

B045 Exosomal microRNAs are associated with prostate cancer aggressiveness in African American patients. Hamdy Ali, Department of Pharmaceutical Sciences, Rangel College of Pharmacy, Texas A&M Health Sciences Center, College Station, Texas

B046 SAHA and EGCG reduce breast cancer migration, possibly through modulation of cIAP2. Kayla Lewis, University of Alabama at Birmingham, Birmingham, Alabama

B047 Advanced glycation end products promote prostate tumor growth and are a potential biological consequence of lifestyle factors contributing to cancer disparity. David Turner, MUSC, Charleston, SC

B048 Understanding the molecular basis of ER (+) breast cancer among racial groups: metabolic and proteomic profiling. Ashlie Santaliz-Casiano, University of Illinois, Urbana-Champaign, IL

B049; PR08 Higher expression of SATB2 gene in hepatocellular carcinoma of African American patients determines aggressiveness phenotypes than those in Caucasian Americans. Rakesh Srivastava, LSUHSC-NO, New Orleans, LA

B050 Identification of differentially expressed and spliced genes between breast, colon, lung, and prostate cancer from African American and white patients.. Muthana Al Abo, Duke Cancer Institute, Durham, NC, U.S

B051 IFNL4-deltaG allele is associated with an interferon signature in tumors and survival of African-American men with prostate cancer. Stefan Ambs, NCI/NIH, Bethesda, Maryland

B052 Identification of differentially expressed micro-RNAs in African American women with Quadruple Negative Breast Cancer. Anusha Angajala, Tuskegee University, Tuskegee, AL

B053 Expression of alternative mRNA splicing variant MBD2_v2 promotes triple negative breast cancer tumor initiation and is associated with body mass index. Aliccia Bollig-Fischer, Karmanos Cancer Institute, Wayne State University, Detroit, MI

B054 Analysis of a cancer gene expression and next generation sequencing dataset representing hispanic predominant South Florida population. Zuanel Diaz, Miami Cancer Institute, Baptist Health South Florida, Miami, Florida

B055 Characterization of immune cell subsets from tissue expression profiles in African American triple-negative breast cancer patients. Lee Gibbs, Keck School of Medicine of University of Southern California, Los Angeles, California
B056 Tumor-associated ACKR1/DARC is correlated with a unique signature of pro-inflammatory chemokines and TILs in African-American women with breast cancer. Brittany Jenkins, University of Georgia, Athens, GA

B057 Racial disparity research in ovarian cancer: evaluating race definition in differential gene expression. Luciana Madeira da Silva, University of South Alabama, Mobile, AL

B058 In silico and in vivo analysis of the Duffy Antigen Receptor for Chemokines (DARC) in the breast tumor microenvironment. Rachel Martini, University of Georgia, Athens, GA

B059 African American pancreatic cancer microRNAs profile to identify links to drug resistance and tumor progression. Maria Munoz-Sagastibelza, SUNY Downstate Medical Center, Brooklyn, NY

B060 Health Disparities and the Molecular Genomics of Colorectal Cancer by Ancestry: The Translational Impact on Colorectal Cancer Screening, Surveillance, and Treatment. Parvathi Myer, Albert Einstein College of Medicine, Bronx, NY

B061 Mechanistic and functional interrogation of novel ancestry-related alternatively spliced androgen receptor signal genes in prostate cancer. Rob Onyenwoke, North Carolina Central University, Durham, North Carolina

B062 Genetic driving factors of aggressive Ethiopian breast cancer. Shelly Peyton, UMass Amherst, Amherst, MA


B064 Investigation of the breast microbiome and mucosal immune system in African American and non-Hispanic White women with and without breast cancer: A pilot study. Athena Starlard-Davenport, University of Tennessee Health Science Center, Memphis, TN

B065 Polo-like kinase 1 (PLK1) and aurora kinase B (AURKB) collude with survivin to augment tumor cell proliferation in African-American TNBC: Implications for racial disparity. Chakravarthy Garlapati, Georgia State University, Atlanta, Georgia

B066 SCUBE3 Inhibition Improves Doxorubicin Response in Breast Cancer. Benjamin Onyeagucha, UT Health Science Center at San Antonio, San Antonio, TX

B067 L-arginine in the regulation of NOS2 expression to overcome renal cell carcinoma tumor growth. Charity Sylvester, Louisiana State University Health Science Center - New Orleans, New Orleans, Louisiana

B068; PR09 MicroRNA-1205 regulation of FRYL and aggressive prostate cancer in men of African ancestry. Michelle Naidoo, Hunter College of the City University of New York, New York, NY

B069 Ecological model links Proto-oncogene to high susceptibility of Blacks to TRPV6-expressing metastatic cancers. Constance Hilliard, University of North Texas, Denton, TX
B070 Loss of cytoskeletal protein palladin desensitizes pancreatic cancer associated fibroblast to TGFβ1-dependent desmoplastic induction. Jennifer Alexander, Drexel University College of Medicine, Philadelphia, PA

B071 Genomic differences between non-small cell lung cancer (NSCLC) in African American and white patients. Jennifer Freedman, Duke Cancer Institute, Durham, NC

B072 Cadmium elicits a differential cytotoxic response in triple negative breast cancer cells. Sherette Godfrey, North Carolina A&T State University, Greensboro, North Carolina

B073 Estimating genetic ancestry of commonly used cancer cell lines. Stanley Hooker, City of Hope, Duarte, CA

B074 Development of genetic assays for the surveillance of HPV 90 in New Orleans. LaKia Williams, Tulane University, New Orleans, Louisiana

B075 Effect modifiers of surgery and adjuvant hormone treatment delays among patients diagnosed with breast cancer in South Carolina. Oluwole Babatunde, University of South Carolina, Columbia, South Carolina

B076 Did the Affordable Care Act Improve Insurance Coverage and Stage at Diagnosis among Nonelderly Underserved Breast Cancer Patients? Alexandrina Balanean, Department of Public Health Sciences, Loyola University Chicago, Maywood, IL

B077; PR10 Fewer rural cancer patients treated with antineoplastic agents. Cathy Bradley, University of Colorado, Aurora, CO

B078 [Advocate Abstract:] Susie Brain, UCSF Athena Breast Health Network

B079 The Affordable Care Act and cancer stage in an underserved population. Yan Lu, JPS Health Network, Fort Worth, TX

B080 Insurance status and delayed adjuvant chemotherapy among women with breast cancer at an urban public hospital. Yan Lu, JPS Center for Outcomes Research, Fort Worth, TX

B081 How patient cost sharing of tyrosine kinase inhibitors affects initiation, adherence, and outcomes in patients with newly diagnosed chronic myeloid leukemia: A retrospective claims-based study. Hsiao Ling Phuar, The University of Texas Health Science Center at Houston School of Public Health, Houston, Texas

B082 Precision medicine guided by Next Generation Sequencing: Slow recognition of emerging technologies leads to crucial coverage gaps in health insurance. Phoebe Rollyson, FWCC, Shreveport, LA

B083 Patterns of HIV testing among New Jersey Medicaid enrollees diagnosed with invasive cervical cancer. Jennifer McGee-Avila, Rutgers, the State University of New Jersey, Newark, NJ

B084 Factors associated with longer time to surgical treatment in melanoma. Marissa Baranowski, Department of Dermatology, Emory University School of Medicine; Department of Epidemiology, Emory University Rollins School of Public Health, Atlanta, Georgia
B085 Disparities and factors associated with 30-day mortality following surgical treatment for squamous cell head and neck cancer with or without adjuvant therapy. Aleksandr Bukatko, Saint Louis University, Saint Louis, Missouri

B086 Planning for the Unexpected: Strategies for Maintaining a Robust Clinical Trial Program. Lemuel Melecio, UPR MSC, San Juan, PR

B087 Disparities and trends in genetic testing and erlotinib treatment among metastatic non-small cell lung cancer patients. Lauren Palazzo, Massachusetts General Hospital Institute for Technology Assessment, Boston, MA

B088 Health insurance status, stage at presentation and survival among female patients with head and neck cancer. Neelima Panth, Duke University School of Medicine, Durham, NC

B089 [Advocate Abstract:] Sheila McGlown, St Louis Breast Cancer Foundation, ,

B090 Exploring the Roles of CHWs in Improving Uptake of Family Health History Assessment among Patients and Providers: Implications for Cancer Risk Reduction and Prevention among Minority Populations. Caitlin Allen, Emory University, Atlanta, Georgia

B091 Across border: Towards increasing Pap testing and HPVV knowledge and acceptability among minority populations. Kimlin Ashing, City of Hope Comprehensive Cancer Center, Duarte, CA

B092 Promoting HPV vaccination among adolescent girls in Ghana, West Africa: a case study. Joycelyn Cudjoe, Johns Hopkins School of Nursing, Baltimore, MD

B093 Cervical cancer screening among Blacks: A comparative analysis from the 2010-2014 National Health Interview Surveys. Joycelyn Cudjoe, Johns Hopkins School of Nursing, Baltimore, Maryland

B094 Impact of a multi-theory-driven community-based intervention to increase mammographic screening in a Midwest American Indian tribe. Wesely Petersen, Mayo Clinic, Rochester, MN

B095 Eat, Move, Live: An Intervention Strategy for the Reduction of Cancer and Chronic Diseases Tailored to the Latina Population. Cristal Resto, City of Hope, Duarte, CA

B096 Responding to stakeholder needs for cancer screening and prevention: using formative evaluation to tailor outreach and navigation programming in Connecticut. Sakinah Suttiratana, Yale School of Medicine, Yale Cancer Center, New Haven, CT

B097 Knowledge of cervical cancer risk factors and screening among Sub Saharan African Immigrant Women. Adebola Adegboyega, University of Kentucky, Lexington, KY

B098 Individual and Contextual Factors Associated with Prostate Cancer Stage at Diagnosis: A Multi-State Study. Georges Adunlin, Samford University, Birmingham, Alabama

B099; PR12 CRC screening in rural community clinics using the Fecal Immunochemical Test (FIT): Issues with repeat screening. Connie Arnold, Feist-Weiller Cancer Center and LSU Health Sciences Center, Shreveport, Louisiana
B100 Reported Barriers to Colorectal Cancer Screening in Appalachian Kentucky. Adaeze Aroh, University of Kentucky, Lexington, Kentucky of America

B101 Assessment and resolution of breast and cervical cancer screening barriers for underserved women in Louisiana. Janet Brown, LSUHSC School of Public Health, New Orleans, LA

B102 Factors Contributing to Precancerous Polyp Detection in Initial Screening Colonoscopies. Yakira David, Stony Brook University, Stony Brook, NY

B103 Community-based uptake of self-sampling for HPV DNA-based testing for cervical cancer screening in Ethiopia: Preliminary findings of a cluster randomized trial. Mulukien Gizaw, Addis Ababa University, School of Public Health, Department of Preventive medicine, Addis Ababa, Ethiopia

B104 [Advocate Abstract:] Evaluating the Impact of Strategic Partnerships. Beaulah Brent, Sisters Working It Out, NFP, IL

B105 Providing Colorectal Cancer Screening Interventions at Federally Qualified Health Centers (FQHCs): Addressing the Issues of Language, Culture and Health Literacy Through Culturally Tailored Education and Navigation. Kathryn Glaser, Roswell Park Comprehensive Cancer Center, Buffalo, NY

B106 Cervical cancer screening modalities by state, 2016. Ann Goding Sasuer, American Cancer Society, Atlanta, GA

B107 Cervical cancer screening behaviors and perceptions of medical mistrust among rural Black and White women. Marla B. Hall, PhD, MCHES, East Carolina University, Greenville, North Carolina

B108 Using patient navigation to inform determinants of breast cancer disparities among under-resourced women in Chicago. Vida Henderson, University of Illinois Cancer Center, Chicago, IL

B109 Architecture of increased breast cancer risk. Karen Herold, City of Hope, Duarte, CA

B110 Reducing Cancer Disparities through Identification of Linkages to Care Partners within GMaP Region 1 North. Julia Houston, University of South Carolin, Columbia, SC

B111 Previous mammography experience as a predictor of mammography adherence among Hispanic/Latinas living in the Northeast. Beth Jones, Yale School of Medicine, Yale Cancer Center, New Haven, CT

B112 Influence of cholesterol screening on breast cancer detection & survival in the Breast Cancer Care in Chicago Study. Alpana Kaushiva, University of Illinois at Chicago School of Public Health, Chicago, IL

B113 Colorectal cancer screening completion rates and barriers to colorectal cancer screening 6 months following participation to CRC screening intervention. Carolina López de la Torre, San Diego State University, San Diego, CA

B114 HCV Screening and Awareness Education Are Much Needed among African American Baby Boomers in Philadelphia. Grace Ma, Temple University, Philadelphia, PA
B115 Bridging the gap: Characterizing transportation barriers in rural southern Illinois. Julia Maki, Washington University School of Medicine, St. Louis, Missouri

B116 Cervical HPV testing with two home self-collected samples compared to clinically-collected samples. Jerry McLarty, LSU Health Sciences Center, Shreveport, LA

B117 Analysis of luminal breast cancer tumor microenvironment using seqFISH. Michal Polonsky, California Institute of Technology, Pasadena, CA

B118 Using A Multimodal Strategy to Engage Latino Communities and Improve Colorectal Cancer Screening Disparities. Sneha Prabhu, UT Health San Antonio, San Antonio, TX

B119 Receptiveness of metformin as a breast cancer prevention drug within the hispanic community. Mayra Serrano, City of Hope, Duarte, CA

B120 [Advocate Abstract:] Let’s create a generation of proactive consciousness. Fred Hardy, Karmanos Cancer Institute, MI

B121 Factors associated with HPV vaccination among childhood cancer survivors: Differences by Hispanic ethnicity and parental health literacy. Yazmin San Miguel, Moores Cancer Center and Department of Family Medicine and Public Health, University of California San Diego, San Diego, CA

B122 Racial and ethnic disparities and reverse disparities in HPV vaccination: A meta-analysis. Jennifer Spencer, University of North Carolina at Chapel Hill, Chapel Hill, NC

B123 The genetic tone of prostate cancer risk linked to ancestry: Do we know all about genetic admixture, cancer, and ancestry? Oscar M. Vidal, Molecular Epidemiology Group-Universidad del Norte, Barranquilla, Colombia

B124 Indigenizing cancer bio-banks as a form of cultural resistance. Rodney C. Haring, Roswell Park Comprehensive Cancer Center, Buffalo, NY

B125 [Advocate Abstract:] Diane Nathaniel, Beat Stage 3, Inc.

B126 [Advocate Abstract:] W. Erika Nalls, Independent Advocate
C001 TP53 mutations reprogram fatty acid metabolism and tumor microenvironment in African American patients with non-small cell lung cancer. Liang Liu, Wake Forest Baptist Comprehensive Cancer Center, Winston Salem, NC

C002 Dysregulation of Fatty acid metabolism by TP53 mutations underlies more aggressive endometrial cancers in African American women. Liang Liu, Wake Forest Baptist Comprehensive Cancer Center, Winston Salem, NC

C003 A machine learning-based approach to identify biomarkers of environmental toxicant exposures relevant to liver cancer disparities in rural Illinois. BRANDI SMITH, UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN, URBANA, IL

C004 Collecting evidence to drive research that addresses community cancer needs in Western Washington. Katherine Briant, Fred Hutchinson Cancer Research Center, Seattle, WA

C005 Racial disparity, stage at diagnosis, and treatment patterns of colorectal cancer: Analysis of data from a hospital-based cancer registry, Virginia 2008-2016. Hadiza Galadima, Old Dominion University, Norfolk, VA

C006 Sociodemographic predictors of adherence to postoperative surveillance colonoscopy among patients diagnosed with non-metastatic colorectal cancer. Janeth Sanchez, University of Washington, Seattle, WA

C007 Multi-level Analysis of Person-, County- and State-Level Contributors to Triple-Negative Breast Cancer Diagnosis among Women in the United States. Lia Scott, Georgia State University, Atlanta, GA

C008 Descriptive Analysis of Black/White Disparities in Triple Negative Breast Cancer for the United States – A Population Based Study from the United States Cancer Statistics database. Lia Scott, Georgia State University, Atlanta, GA

C009 Colorectal cancer screening racial disparities among respondents who participated in 2016 CDC behavioral risk factor surveillance system. Jingwei Song, University of Virginia, Charlottesville, Virginia of America

C010 The wiring between genes and short non-coding RNAs in cancer depends on race/ethnicity and sex. Aristeidis Telonis, Thomas Jefferson University, Philadelphia, PA
C013 Neighborhood socioeconomic status but not individual self-efficacy moderates associations between neighborhood walkability and adolescent physical activity in the NCI geoFLASHE Study. Heather D'Angelo, University of Wisconsin-Madison, Madison, WI

C014; PR13 Geospatial Analytics and Sensitivity/Specificity Assessments to Inform Liver Cancer Prevention. Shannon Lynch, Fox Chase Cancer Center, Philadelphia, PA

C015 Social network analysis with respondent driven sampling data: A study of ethnic and geographic integration on Guam and Hawaii. Grazyna Badowski, University of Guam, Mangilao, GU

C016 Racial differences in the incidence of fatal prostate cancer in two countries: An ecological comparison of the United States and England. Eboneé Butler, National Cancer Institute, Bethesda, MD

C017 Breast cancer trends and disparities in an urban setting. Hee-Soon Juon, Thomas Jefferson University, Philadelphia, PA

C018 Disparity subtyping: Bringing precision medicine closer to disparity science. J. Sunil Rao, University of Miami, Miami, Florida

C019 The mediating effect of hormone therapy compliance in the relationship between race and survival among breast cancer patients in South Carolina: A causal mediation analysis. Samantha Truman, University of South Carolina, Columbia, SC

C020 Regularized Multiple Mediation Analysis for Big Data Set – With an Application to Explore Racial Disparity in Breast Cancer Survival. Qingzhao Yu, Louisiana State University Health Sciences Center, New Orleans, LA

C021 Affective Mechanisms of Stress-Induced Cigarette Craving: Considerations of Sex and Ethnicity. Joel Erblich, Hunter College and Icahn School of Medicine at Mount Sinai, New York, NY

C022 Integrated molecular approach to identify biological factors contributing to breast cancer disparities in Chicago. Oana Danciu, University of Illinois Cancer Center, Chicago, IL

C023 Annexin A2 expression level correlates with adverse pathology and disease progression in prostate cancer. Shyh-Han Tan, Center for Prostate Disease Research, Department of Surgery, Uniformed Services University of the Health Sciences and the Walter Reed National Military Medical Center, Bethesda, MD

C024 Lifestyle Associated Advanced glycation end products are elevated in ER+ positive breast cancer patients, alter response to therapy, and can be targeted by lifestyle intervention. David Turner, MUSC, Charleston, SC

C025 Dietary-AGE ingestion during puberty modifies the breast micro-environment to alter mammary gland development: Linking lifestyle with cancer disparity. David Turner, MUSC, Charleston, SC

C026 Lack of HER4 signaling predicts poor prognosis among triple negative breast cancer patients of African descent: A multi-institutional study. Nikita Wright, Georgia State University, Atlanta, Georgia
C027 Racial variation in umbilical cord blood vitamin D concentrations and telomere length: Implications for cancer risk. Tanya Agurs-Collins, National Cancer Institute, Rockville, Maryland

C028 Hypoxia Associated Genes on Disparities in the Aggressiveness of Prostate Cancer. Ingrid Espinoza, University of Mississippi Medical Center, Jackson, MS

C029 Exosomes-associated miR-5001, miR-3692 and miR-4529 are novel biomarkers for aggressive prostate cancer and associated with poor prognosis in African American patients. Rofaida Gaballa, Department of Pharmaceutical Sciences, Rangel College of Pharmacy, Texas A&M Health Sciences Center, College Station, Texas

C030 Gastric tumors from Latino patients show extensive intratumor heterogeneity. Luis Carvajal-Carmonna, University of California, Davis, Davis, California

C031 NanoString nCounter based gene expression assay for evaluation of breast cancer molecular subtypes in Ethiopian patients. Zelalem Desalegn, Addis Ababa University, Addis Ababa, Ethiopia

C032 Distinguishing lethal from indolent prostate cancer using N-glycan imaging mass spectrometry in a racial tissue microarray cohort. Richard Drake, Medical University of South Carolina, Charleston, SC

C033 Racial Differences in the Associations between Luminal Master Regulator Transcription Factor Expression and Breast Cancer Survival. Kevin Gardner, Columbia University, New York, New York

C034 Differential gene expression according to ancestry in Hispanic/Latina women with luminal B breast cancer. Joussette Alvarado, Department of Genetics, LSUHSC, New Orleans, LA

C035 Relationship between ancestry fractions and gene expression in triple negative breast cancer in Hispanic/Latina women. Laura Carrasquilla, Louisiana State University Health Sciences Center, New Orleans

C036 Cohesins and colorectal cancer (CRC): Modulation of CRC stem cells and chemoresistance by STAG1 with race-specific implications. Mart Dela Cruz, Boston University Medical Center, Boston, MA

C037 Racial disparity in systemic Growth Related Oncogene-alpha (GRO-α) expression in head and neck cancer patients. Tara Moore-Medlin, Louisiana State University Feist-Weiller Cancer Center, Shreveport, LA

C038 MHC class I polypeptide related sequence A (MICA) race related differential expression in prostate cancer. Marcelo Sakiyama, University of Mississippi Medical Center, Jackson, MS

C039 Differences in Breast Cancer Survival by Race, Age, and Tumor Estrogen Receptor Status. Ewune Ewane, UT M.D. Anderson Cancer Center, Houston, TX

C040 Predictors of blood biospecimen provision among African American women. Lauren Barber, Boston University School of Public Health, Boston, MA
US latina immigrants: Is obesity the face of food insecurity? Maria Amador, University of Maryland, College Park, Maryland

Cultivating the gut microbiome by eating walnuts to slow cancer cachexia weight loss. Hsiao-Man Chang, Louisiana State University Health and Sciences Center, New Orleans, Louisiana

Meat and fish intake and the risk of breast cancer in the Carolina Breast Cancer Study (CBCS). Omonefe Omofuma, University of South Carolina, Columbia, SC

Dietary inflammatory potential prior to diagnosis and risk of all-cause mortality among African-American women with ovarian carcinoma. Lauren Peres, University of Virginia, Charlottesville, VA

Polymorphism in CYP1B1 increases CRC risk in Puerto Rican individuals that consume processed meats. Julyann Perez-Mayoral, UPR Comprehensive Cancer Center, San Juan, PR

Dietary calcium and vitamin D and sun exposure with the risk of breast cancer among African American women. Bo Qin, Rutgers Cancer Institute of New Jersey, New Brunswick, NJ

Diet and risk of cancer in minority populations in New York City. Cristina Zambrano, Hunter College, New York, NY

Engaging in physical activity after a cancer diagnosis: A Detroit ROCS Study. Jennifer Beebe-Dimmer, Wayne State University, Detroit, MI

The association between Breast Cancer and physical activity levels by race in a prospective cohort study. Shelbie Stahr, University of Arkansas for Medical Sciences, Little Rock, Arkansas

Deleterious coding variants in African American Hereditary Prostate Cancer Study (AAHPC) families. Deyana Lewis, National Human Genome Research Institute, Baltimore, MD

A genetic variant at 6q25 associated with estrogen receptor negative breast cancer subtypes in Peruvian breast cancer patients. Katie Marker, University of California Berkeley, Berkeley, CA

Premenopausal oophorectomy and survival among women with breast cancer: Evidence of effect measure modification by family history status. Mya Roberson, University of North Carolina at Chapel Hill, Gillings School of Global Public Health, Department of Epidemiology, Chapel Hill, NC

Identification of factors contributing to breast cancer mortality disparities in the metropolitan Atlanta area. Lindsay Collin, Emory University, Atlanta, GA

Gastric cancer survival among Puerto Rican Hispanics: a ten-year population-based analysis. Maria Gonzalez-Pons, UPR Comprehensive Cancer Center, San Juan, PR

Human papillomavirus vaccination among US military service women. Rayna Matsuno, Naval Health Research Center, San Diego, CA
C056 Cancer patterns and trends in Costa Rica: A population-based tumor registry study. Omar Picado, Sylvester Comprehensive Cancer Center, University of Miami Health System, Miami, FL

C057 Whole exome sequencing of DNA from Palestinian women undergoing surgical evaluation for breast cancer. Victoria Seewaldt, City of Hope, Duarte, California

C058; PR06 Research on prostate cancer in men of African ancestry: Defining the roles of genetics, tumor markers and social stress. Ann Hamilton, University of Southern California, Los Angeles, CA

C059 Clinical and molecular profile of renal cell carcinoma in Hispanic Americans, Native Americans, and European Americans. Ken Batai, University of Arizona, Tucson, Arizona

C060 The Spectrum of Germline Mutation Carriers in a Cohort of Breast and Ovarian Cancer Patients in the Caribbean. Sophia George, University of Miami, Miami, FL

C061 Molecular landscape of Acute Myeloid Leukemia in Mexico. Alexandra Gomez-Arteaga, Weill Cornell Medicine, New York, NY

C062 Racial differences in genome-wide DNA methylation profiles by county poverty levels among women residing in Arkansas. Ping-Ching Hsu, University of Arkansas for Medical Sciences, Little Rock, AR

C063 Associations of leptin and leptin receptor protein and gene expression with breast cancer clinicopathologic features. Adana Llanos, Rutgers School of Public Health and Cancer Institute of New Jersey, Piscataway, NJ

C064 Hormone-related risk factors and breast cancer subtype in African American women. Maureen Sanderson, Meharry Medical College, Nashville, TN


C066 Epigenetics and inflammatory environment may contribute to racial disparities in colorectal cancer. Sharmila Shankar, Louisiana State University Health Sciences Center, New Orleans, LA

C067; PR15 Do segregated neighborhoods buffer the stressful effects of low coping among Black breast cancer survivors? Jesse Plascak, Rutgers, The State University of New Jersey, Piscataway, NJ

C068 Census tract-level income inequality and colorectal cancer survival. Kelsey Chun, Fred Hutchinson Cancer Research Center, Seattle, WA

C069 All-cancer and cancer-specific mortality is associated with black race segregation in the United States: Mortality Disparities in American Communities data. Cara Frankenfeld, George Mason University, Fairfax, VA

C070 Social Determinants of Health Disparities in Triple Negative Breast Cancer in Louisiana. FOHRUL HOSSAIN, LSUHSC and LCRC, New Orleans, Louisiana
C071 Effect measure modification implication of area of residence in survival disadvantage of black children with renal cell carcinoma. Phatsimo Masire, Thomas Jefferson University, Philadelphia, PA


C073; PR14 Do Latinas with breast cancer who live in ethnic enclaves have better or worse survival? Analysis of cancer registry data from California and Texas. Salma Shariff-Marco, University of California San Francisco, San Francisco, CA

C074 Areca (betel) nut chewing and metabolic conditions. Yvette Paulino, University of Guam, Manigilao, Guam

C075 Indoor radon exposure and thyroid cancer incidence among Guam residents. Candice Arceo, University of Guam, Mangilao, Guam

C076 Racial/ethnic disparities in clinical presentation, surgical procedures and hospital outcomes among patients with hepatocellular carcinoma in the United States, 2010-2014. Muni Rubens, Miami Cancer Institute, Miami, Florida

C077 The association between diabetes, plasma fructosamine, and risk of mortality after invasive breast cancer among Hispanic and non-Hispanic white women. Avonne Connor, Johns Hopkins Bloomberg School of Public Health and Johns Hopkins Sidney Kimmel Comprehensive Cancer Center, Baltimore, Maryland

C078 Relations between sleep and inflammation in African American and White young adults: Testing mediating and moderating mechanisms. Stacey Doan, City of Hope Medical Center and Claremont McKenna College, Claremont, CA

C079 The burden of cancer among homeless adults in the Mountain West: A Utah state-wide population-based study. Andreana Holowatyj, Huntsman Cancer Institute, University of Utah, Salt Lake City, Utah

C080 Contributors to breast and lung cancer disparities in Wisconsin: Results from statewide focus groups and interviews. Jessica Olson, Medical College of Wisconsin, Milwaukee, WI

C081 Results from a cross-sector collaboration: Understanding contributors to breast and lung cancer disparities and creating novel approaches to reduce impact. Melinda Stolley, Medical College of Wisconsin, Milwaukee, WI

C082 Prenatal exposure to polycyclic aromatic hydrocarbons and altered DNA methylation in breast cancer related genes. Nur Zeinomar, Columbia University, New York, NY

C083; PR16 Investigating the determinants of racial disparities in ovarian cancer incidence: The OCWAA consortium. Veronica Setiawan, University of Southern California, Los Angeles, CA
C084 Cancer mortality patterns across three generations of Latinos in the US: the Multiethnic Cohort. Veronica Setiawan, University of Southern California, Los Angeles, CA


C086 Racial disparities in clinical characteristics and outcomes of patients with pancreatic neoplasms: An eleven-year analysis of the National Cancer Database (NCDB). Hussein Assi, University of Oklahoma, Oklahoma City, Oklahoma

C087 Differences in Estrogen Receptor Negative Breast Cancer by Race and SEER Registry. Brittny Davis Lynn, National Cancer Institute, Rockville, MD

C088 Assessing vitamin D and mammographic breast density in a population of Alaskan Native women. Narjust Duma, Mayo Clinic, Rochester, MN

C089 Racial/ethnic differences in smoking-related cancers in metropolitan Detroit. Juliana Fucinari, University of Michigan, Ann Arbor, MI

C090 Association between hypertension and prostate cancer risk in black and white men in the Atherosclerosis Risk in Communities (ARIC) study. Christian Gomez, University of Mississippi Medical Center, Jackson, Mississippi

C091 Racial disparities in pancreatic cancer pancreatic cancer patients in Florida and an investigation into a possible role of cancer cachexia. Patrick Underwood, University of Florida, Gainesville, FL

C092 Immune characteristics of triple negative breast cancer (TNBC) in Latin American women from Colombia. Valentina Zavala, University of California, San Francisco, San Francisco, California

C093 An interactive resource to probe ancestry in cancer cell lines. Julie Dutil, Ponce Health Sciences University, Ponce Research Institute, Ponce, PR

C094; PR17 The mediating role of unmet social support needs on the racial/ethnic disparity in psychosocial stress among breast cancer patients. Carola Sánchez Díaz, University of Illinois at Chicago, Chicago, IL

C095 A quality review and content analysis of mobile applications for smoking cessation. Ifeoma Ibe, University of Florida, Gainesville, Florida Of America

C096 Ethnic differences of chronic obstructive pulmonary disease (COPD) in the Multiethnic Cohort study. Sungshim Park, University of Southern California, Los Angeles, CA

C098 Racial disparity in the prevalence of BCL-2 expression and associations with breast cancer survival in the Breast Cancer Care in Chicago study. Jibril Alim, University of Illinois at Chicago, Chicago, IL

C099 Assessment of Black/White Differences in All-Cause Mortality among Patients with Triple-Negative Breast Cancer. Adrienne Cobb, Department of Surgery, Loyola University Medical Center, Maywood, IL
C100 Identification and functional characterization of a novel GLI1 splice variant in breast cancer. Maria Dixon, North Carolina Central University, Durham, NC

C101 A prognostic risk model for African American women with Breast Cancer: Implications for meaningful accrual in clinical trials. Shristi Bhattarai, Georgia state university, Atlanta, Georgia

C102; PR18 Prognostic role of Androgen Receptor in Triple Negative Breast Cancer: A global multi-institutional experience. Shristi Bhattarai, Georgia State University, Atlanta, Georgia

C103 ERRβ: Validating a novel target for triple negative breast cancer. Aileen Fernandez, Georgetown University, Washington, DC

C104 Breast cancer care at rural serving hospitals in Ethiopia: Improving adherence to endocrine therapy with nurse based intervention. Study protocol for facility based cluster randomized controlled trial. Sefonias Getachew, Addis Ababa University, College of Health Sciences, School of Public Health, Addis Ababa, Ethiopia &Institute of Epidemiology, Biometry, and Informatics, Martin- Luther- University, Halle, Germany, Addis Ababa, Ethiopia

C105 Late-stage diagnosis of breast cancer and associated factors at rural hospitals in Ethiopia: A mixed method study. Sefonias Getachew, Addis Ababa University, Addis Ababa, Ethiopia

C106 Racial/Ethnic Disparities in Inflammatory Breast Cancer Survival in the Michigan Cancer Surveillance Program. Abdi Gudina, Kent State University, Kent, Ohio

C108 Race and Risk of Subsequent Aggressive Breast Cancer in Women with Ductal Carcinoma in Situ. Ying Liu, Washington University School of Medicine, St. Louis, MO


C110 Applications of patient-derived triple negative breast cancer xenografts that represent understudied patients in Louisiana in targeted therapeutic research. Margarite Matossian, Tulane University School of Medicine, New Orleans, Louisiana

C111 Biological and self-reported stress levels among Latina breast cancer survivors: The Nuevo Amanecer Rural Trial. Cathy Samayoa, San Francisco State University, San Francisco, California

C113 Antibody microarray analysis of signaling networks regulated by the CCR9/CCL25 axis in African American and Caucasian American triple negative breast cancer. Jeronay K. Thomas, Morehouse School of Medicine, Atlanta, GA

C114 Lymph circulating tumor cells are phenotypically different from tumor cells circulating in the blood. Odalys Torres-Luquis, Purdue University, West Lafayette, Indiana

Tumor immune response in colon cancer African American patients and its role in cancer disparities. Jenny Paredes, SUNY Downstate Medical Center, Brooklyn, NY

High grade endometrial cancers: Persistent racial differences in survival. Michele Cote, Wayne State University, Detroit, MI

Racial/ethnic differences of pediatric brain tumors in the development of orthotopic PDX models. Lin Qi, Ann & Robert H. Lurie Children's Hospital of Chicago of Northwestern University, Chicago, IL

Ethnicity as a moderator of the effects of aerobic and resistance exercise on metabolic syndrome in breast cancer survivors. Christina M. Dieli-Conwright, University of Southern California, Los Angeles, CA

Ethnocentric differences in sarcopenic obesity and body composition in response to an aerobic and resistance exercise intervention for breast cancer survivors. Frank C. Sweeney, University of Southern California, Los Angeles, CA

Breast density and metabolic risk factors: cross-sectional analysis of the baseline data from a Phase II breast cancer prevention trial. Jesse Trujillo, University of Arizona, Tucson, AZ

University of Guam/University of Hawaii Cancer Center partnership: Fifteen years of progress in addressing cancer health disparities in Pacific Islanders. Carl-Wilhelm Vogel, University of Hawaii Cancer Center, Honolulu, Hawaii

Plant isolate dibenzyl trisulfide potently inhibits cytochrome P450 1 enzyme activity and the growth of breast cancer cells derived from African American patients. Eileen Brantley, Loma Linda University Health, Loma Linda, CA

Delays in penile cancer presentation and undertreatment may drive higher penile cancer mortality in Latinos and older men in California. Mariana Carla SternC Institute of Urology, Los Angeles, CA