



**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

**A006 Can Expert Second Opinions Reduce Treatment Disparities for African American Breast Cancer Patients? An Exploratory Study.** Brittany Campbell, University of California, San Francisco, San Francisco, CA

**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

**A025 Community Breast Health Outreach and Navigation in Medically Underserved Communities: Insurance Status of Participants.** Kathie-Ann Joseph, NYU Langone Medical Center, New York, New York

**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](http://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

**A038 Current unmet needs in inflammatory breast cancer/IBC patient care: Analysis of open-ended responses from a community engagement session of clinicians, researchers, advocates, and patients at the Duke Consortium for IBC conference.** Gayathri Devi, Duke University, Durham, NC

**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

**A043 Baseline characteristics of rural Spanish-speaking Latina breast cancer survivors enrolled in a community-based RCT of a peer-delivered cognitive-behavioral stress management intervention: the Nuevo Amanecer rural trial.** Jasmine Santoyo-Olsson, University of California San Francisco, San Francisco, CA

**A044 Black identity, hair product use and breast cancer: Exploring breast health issues in Black women.** Dede Tete, 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.** Cassandra 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, Shreveport, 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



**A108 Longitudinal trends in Distant Metastasis at Diagnosis in a Racially Diverse Cohort of Prostate Cancer Patients: 1990-2017.** Jennifer Cullen, CPDR-USU, Rockville, MD

**A109 MicroRNA-4719 and microRNA-6756-5p correlate with aggressive prostate cancer progression in African American men through regulation of Interleukin-24.** Dibash Das, CUNY Lehman College, Bronx, NY

**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

**A114 Characterization of a metastatic prostate cancer xenograft derived from a patient of African ancestry.** Brendon Patierno, Duke Cancer Institute, Durham, NC

**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

**A123 [Advocate Abstract:] Disparities in cancer prevention and care in the trans population.** Jennifer Elliott

**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 University, 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 Institute of Medical Epidemiology, Biostatistics and Informatics Martin-Luther University, Halle(Saale), Germany, Addis Ababa, 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

**B063 Polyethnic-1000: Advancing cancer genomics by studying ethnically diverse, underserved patient populations in New York.** Nicolas Robine, New York Genome Center, New York, NY

**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 HPV 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.** Muluken Gizaw, Addis Ababa University, School of Public Health, Department of Preventive medicine, Addis Ababa, Ethiopia

**B104 [Advocate Abstract:] Evaluating the Impact of Strategic Partnerships.** Beulah 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 Carolina, 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**



**Poster Session C**

**Sunday, November 4**

**12:30-2:30 p.m.**

**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-Carmona, 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 Woldesonbet, 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- $\alpha$ ) 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

**C041 US latina immigrants: Is obesity the face of food insecurity?** Maria Amador, University of Maryland, College Park, Maryland

**C042 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

**C043 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

**C044 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

**C045 Polymorphism in CYP1B1 increases CRC risk in Puerto Rican individuals that consume processed meats.** Julyann Perez-Mayoral, UPR Comprehensive Cancer Center, San Juan, PR

**C046 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

**C047 Diet and risk of cancer in minority populations in New York City.** Cristina Zambrano, Hunter College, New York, NY

**C048; PR04 Engaging in physical activity after a cancer diagnosis: A Detroit ROCS Study.** Jennifer Beebe-Dimmer, Wayne State University, Detroit, MI

**C049 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

**C050 Deleterious coding variants in African American Hereditary Prostate Cancer Study (AAHPC) families.** Deyana Lewis, National Human Genome Research Institute, Baltimore, MD

**C051; PR05 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

**C052 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

**C053 Identification of factors contributing to breast cancer mortality disparities in the metropolitan Atlanta area.** Lindsay Collin, Emory University, Atlanta, GA

**C054 Gastric cancer survival among Puerto Rican Hispanics: a ten-year population-based analysis.** Maria Gonzalez-Pons, UPR Comprehensive Cancer Center, San Juan, PR

**C055 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

**C065 Breast cancer risk in U.S-born Latina women: potential role of reactive electrophiles.** Silvia J. Serrano-Gómez, Instituto Nacional de Cancerología, Bogotá, D.C, Colombia

**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.** FOKHRUL 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

**C072 STRUCTURAL RACISM AND RACE- AND SUBTYPE-SPECIFIC BREAST CANCER INCIDENCE IN CALIFORNIA, 2006-2015.** Elizabeth Michaels, University of California Berkeley, Berkeley, CA

**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.** Andreea 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

**C085 Racial/Ethnic Disparities in Pancreatic Cancer Incidence Rates and Temporal Trends in California (1988-2015).** 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 ERR $\beta$ : 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

**C109 Modulation of HDAC activity in subtypes of triple negative breast cancer: Effects of vorinostat on HDAC 7 expression and cancer stem cells progression.** Beverly Lyn-Cook, National Center for Toxicological Research, Jefferson, Arkansas

**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

**C116; PR11 Racial differences in characteristics of early- vs late-onset colorectal cancer among Veterans.** Monalesia Chapman, University of North Carolina-Greensboro, Durham VA Healthcare System, Hillsborough, NC

**C118 Tumor immune response in colon cancer African American patients and its role in cancer disparities.** Jenny Paredes, SUNY Downstate Medical Center, Brooklyn, NY

**C120 High grade endometrial cancers: Persistent racial differences in survival.** Michele Cote, Wayne State University, Detroit, MI

**C121 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

**C122 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

**C123 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

**C124 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

**C125 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

**C126 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

**C127 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