

Poster Session A  
 Friday, September 20, 2019  
 6:45 p.m.-8:45 p.m.

**A001 Improving Cancer Germline Testing in Rural Appalachian Populations with ORIEN.** Justin Gorski. University of Kentucky, Lexington, KY, USA.

**A002 Use of electronic health record data to improve generalizability of social support research in cancer: CRN pilot study.** Candyce Kroenke. Kaiser Permanente Northern California Division of Research, Oakland, CA, USA.

**A003 Disparities in postoperative complications and 90-day unplanned readmission following surgery for head and neck cancer.** Ricardo Ramirez. Washington University in St. Louis, St. Louis, MO, USA.

**A004 Introducing single cell sequencing genomic DNA copy number analysis to study cancer heterogeneity in renal cell carcinoma and its potential benefits in cancer health disparities research.** Enrique Velazquez Villarreal. USC Dept. of Translational Genomics, Los Angeles, CA, USA.

**A005 Would black women benefit from a screening mammography schedule that differs from that recommended for the overall population? A simulation modeling study.** Christina Chapman. University of Michigan, Ann Arbor, MI, USA.

**A006 Multi-modal estimation of causal influences of environmental agents on colorectal cancer in an understudied population.** Hadiza Galadima. Old Dominion University, Norfolk, VA, USA.

**A007 Using latent class modeling to characterize exposome impacts on health disparities.** Alexandra Larsen. Duke University, Durham, NC, USA.

**A010 Hidden Figures – An example of using Machine Learning to Prioritize Cervical Cancer Screening Outreach.** Katherine Tossas. University of Illinois Cancer Center, Chicago, IL, USA.

**A012 Comparison of NNAL Exposure and Menthol Cigarette use among Black smokers.** Denise Gibbs. Cancer Prevention and Control Program, Fox Chase Cancer Center-Temple Health, African-Caribbean Cancer Consortium, Philadelphia, PA, USA.

**A013 “You can’t escape tobacco; you have to change your environment”: Perceived barriers to and recommendations for cessation among polytobacco using urban young adults in Baltimore, Maryland.** Daisy Le. George Washington University School of Nursing, Policy, Populations and Systems Community, Washington, DC, USA.

**A014 Rural-urban differences e-cigarette ever use, the perception of harm, and e-cigarette information seeking behaviors among U.S. adults in a nationally representative study.** Marquita Lewis-Thames. Washington University in St. Louis School of Medicine, Saint Louis, MO, USA.



**A015 Post-treatment patient-provider communication and follow-up care: does written patient-provider communication improve timely follow-up care for rural cancer survivors?**. Marquita Lewis-Thames. Washington University in St. Louis School of Medicine, Saint Louis, MO, USA.

**A016 Race, Place, and Smoking in Rural America across Four Categories of an Urban/Rural Continuum: evidence from the Health Information National Trends Survey (HINTS).** Gilberto Lopez. University of Rochester Medical Center, Rochester, NY, USA.

**A017 Cancer Information Seeking Across Four Categories of an Urban/Rural Continuum: The Intersection of Place, Race, and Health Information in Rural America.** Gilberto Lopez. University of Rochester Medical Center, Rochester, NY, USA.

**A018 Using Qualitative Methods to Develop Health Messages Aimed to Reduce Secondhand Smoke Exposure Among African American Breast Cancer Survivors in a Rural State.** Nakita Lovelady. University of Arkansas for Medical Sciences, Little Rock, AR, USA.

**A019 Substance Use in Uninsured Cancer Survivors from Free Clinics.** Madeline MacDonald. University of South Florida Morsani College of Medicine, Tampa, FL, USA.

**A020 Connection to Health for Smokers: A comprehensive smoking cessation program for community health centers.** Michael Potter. University of California San Francisco School of Medicine, San Francisco, CA, USA.

**A021 Tobacco and e-cigarette use in a sample of young men 18-24 in Mayagüez, Puerto Rico: The Youth Prevention Program.** Nashaly Saldaña-Santiago. Comprehensive Cancer Center at University of Puerto Rico, San Juan, PR, USA.

**A022 "Let me smoke that": Exploring combustible tobacco use and smoking cessation behavior among sexual minority young adult smokers in Washington, D.C.** Sabrina Smiley. University of Southern California, Los Angeles, CA, USA.

**A023 Do African American informal caregivers' breast cancer fear and cultural misconceptions predict the spread of breast cancer misinformation among their social networks?** Nyahne Bergeron. University of Illinois at Chicago, Chicago, IL, USA.

**A024 Preventing PROGRESSION.** Annie Delores Feehan. Independent Advocate, San Francisco, CA, USA.

**A026 Effects of values-based messaging and an ecological approach to communicate about sugar as a strategy to prevent cancer among Latinas.** Deepti Chittamuru. University of California Merced, Merced, CA, USA.

**A027 Myths and traditions in the African American community.** Loretta Herring. Cancer Awareness Network for Children, Inc., Adamsville, AL, USA.



**A028 Perceptions of the Nursing Role in Cancer Survivorship among Aging African American Cancer Survivors and Caregivers.** Sharon Cobb. Charles R. Drew University of Medicine & Science, Los Angeles, CA, USA.

**A029 Health Information Seeking among Non-Hispanics, U.S.- Born Hispanics, and Foreign-Born Hispanics, United States, 2017-2018.** Betsy Escobar. Baylor College of Medicine, Houston, TX, USA.

**A030 Human Papilloma Virus Awareness among non-Hispanics, U.S. born Hispanics, and Foreign-born Hispanics, United States, 2017-2018.** Betsy Escobar. Baylor College of Medicine, Houston, TX, USA.

**A031 Karmanos Cancer Institute Prostate Cancer Advocacy Program.** Fred Hardy. Karmanos Cancer Institute, Detroit, MI, USA.

**A033 Communication leads to cancer research and education.** McKinley Walker. Karmonos Cancer Institute, Detroit, MI, USA.

**A034 Extending the reach of genetic counseling to the safety net: Study design and recruitment challenges of a randomized trial.** Claudia Guerra. University of California San Francisco, San Francisco, CA, USA.

**A035 The influence of patient-provider language concordance in cancer care: results of the Hispanic Outcomes by Language Approach (HOLA) randomized trial.** Souma Kundu. University of California San Diego, La Jolla, CA, USA.

**A036 Active Patient and Stakeholder Engagement Was Critical To the Success of A Comparative Trial to Reduce Liver Cancer Disparities for Underserved Asian Americans with HBV.** Wenye Lu. Center for Asian Health, Lewis Katz School of Medicine, Temple University, Philadelphia, PA, USA.

**A037 Motivation through relational communication: Examining the normative social behavior of African American women who participate in breast cancer clinical trials.** Katherine Ridley-Merriweather. Indiana University Purdue University Indianapolis, Indianapolis, IN, USA.

**A038 What about me? A content analysis of triple negative breast cancer clinical trial inclusion eligibility criteria.** Katherine Ridley-Merriweather. Indiana University Purdue University Indianapolis, Indianapolis, IN, USA.

**A039 Health information sources among Pacific Islanders in Guam and Hawaii: The association of migrant status and acculturation with Internet use and cancer fatalism.** Grazyna Badowski. University of Guam, Mangilao, GU, USA.

**A040 "Don't tell anybody I have breast cancer, they gonna tell everybody! I don't want my business in the street.": Patterns of secrecy regarding breast cancer among African American breast cancer survivors.** Desmona Strahan. University of Illinois at Chicago, Chicago, IL, USA.



**A041 Community engagement in the development of an m-health app utilizing a black male virtual health assistant (VHA) to promote colon cancer screening: An iterative study of credibility and likeability.** Danyell Wilson-Howard. Bethune-Cookman University, Daytona Beach, FL, USA.

**A042 Impact of a natural disaster on access to care and biopsychosocial outcomes among Hispanic/Latino cancer patients.** Guillermo N Armaiz-Pena. Ponce Health Sciences University, Ponce, PR, USA.

**A043 Cancer care in people with HIV: Identifying adherence challenges to improve outcomes.** Kelsey Corrigan. Duke University School of Medicine, Durham, NC, USA.

**A044 Channels and locations influencing the uptake of prostate cancer intervention trials by ethnically diverse Black men.** Malcolm Ingraham. University of Florida, Orlando, FL, USA.

**A045 Increasing minority accrual in breast cancer clinical trials through a multidisciplinary approach.** Jesse Nodora. University of California San Diego, La Jolla, CA, USA.

**A046 Collecting non-clinical data to address disparities in cancer prevention: Lessons from the field.** Tasleem Padamsee. The Ohio State University, Columbus, OH, USA.

**A047 The patient experience: Clinical trial knowledge, attitudes and participation among diverse populations.** Carla Strom. Office of Cancer Health Equity, Wake Forest Baptist Comprehensive Cancer Center, Winston-Salem, NC, USA.

**A048 Clinical Trials Knowledge and Participation in Rural and Urban Cancer Survivors at a Comprehensive Cancer Center in the Appalachian Region.** Kathryn Weaver. Wake Forest School of Medicine, Winston-Salem, NC, USA.

**A049 Socioeconomic disparities in treatment delays and survival for anal cancer patients.** Tessnim Ahmad. University of California, San Francisco, San Francisco, CA, USA.

**A050 Oncology Registered Dietitian's knowledge, attitudes and practices related to food insecurity among cancer patients: a qualitative study.** Amirah Burton-Obanla. University of Illinois, Urbana, IL, USA.

**A051 Regional lung cancer mortality disparity by their socioeconomic status in 246 municipalities in South Korea during 2008-2017.** Sungwon Byun. National Cancer Center Graduate School of Cancer Science and Policy, Ilsan, Goyang-si, South Korea.

**A052 Multilevel determinants of financial toxicity in breast cancer care: perspectives of healthcare professionals and Latina survivors.** Perla Chebli. University of Illinois at Chicago, Chicago, IL, USA.

**A053 Association between Socioeconomic Status and Access to Specialized Cancer Consultation and Treatment among Advanced Gastrointestinal Cancers.** Laura Davis. Sunnybrook Research Institute, Toronto, ON, Canada.



**A054 Socio-demographic disparities in Gastric Adenocarcinoma: A Population-based Study.** Rohit Gosain. Roswell Park Comprehensive Cancer Center, Buffalo, NY, USA.

**A055 A case study of co-occurring burdens experienced by a Hispanic mother diagnosed with cancer and its implications for a cancer education program in the U.S.-Mexico Border Region.** Adriana Hernandez. New Mexico State University, Las Cruces, NM, USA.

**A056 A study of race and socioeconomic status impacting therapeutic clinical trial enrollment in adult gliomas patients.** Sheantel Reihl. UCSF School of Medicine, UCSF Department of Neurosurgery, San Francisco, CA, USA.

**A057 Influence of race and economic deprivation on metastatic breast cancer outcomes.** Margaret Rosenzweig. University of Pittsburgh, Pittsburgh, PA, USA.

**A058 Patient and neighborhood factors associated with receipt of surveillance colonoscopy among Medicare beneficiaries with surgically resected colorectal cancer.** Janeth Sanchez. University of Washington, Seattle, WA, USA.

**A059 The Influence of Social Determinates of Health on Primary and Secondary Cancer Prevention Health Seeking Behaviors Among Refugees in Middle East and North Africa Host Countries.** Vidya Vedham. NCI Center for Global Health, Rockville, MD, USA.

**A060 Socioeconomic status and quality of life among Chinese American breast cancer survivors: The role of post-traumatic growth.** Carol Wang. University of Texas, MD Anderson Cancer Center, Houston, TX, USA.

**A061 The Breast Cancer, Race and Place study: Exploring the influence of race, racism, and residential segregation on cancer survivorship among Black women in Milwaukee, Wisconsin.** Staci Young. Medical College of Wisconsin, Milwaukee, WI, USA.

**A062 Intersectionality in cancer health disparities: Rurality, socioeconomic factors, and health resources.** Xi Zhu. University of Iowa College of Public Health, Iowa City, IA, USA.

**A063 Social Context and Cancer: Stress and Quality of Life in Rural-Dwelling Latina Cancer Survivors.** Rachel Ceballos. Fred Hutchinson Cancer Research Center, Seattle, WA, USA.

**A064 Acculturative Stress and its Relation to Deportation Fears among Adults of Latino Immigrants.** Daphne Hernandez. University of Houston, Houston, TX, USA.

**A065 US-born Latino adults display greater inflammatory markers than foreign-born Latino adults.** Daphne Hernandez. University of Houston, Houston, TX, USA.

**A066 Performance of the prostate health index (PHI) assay in black men.** Adam B. Murphy. Northwestern University Feinberg School of Medicine, Chicago, IL, USA.





**A067 Oncotype DX assay has similar predictive accuracy for adverse pathology at radical prostatectomy in African American and European American men.** Adam B. Murphy. Northwestern University Feinberg School of Medicine, Chicago, IL, USA.

**A068 The Four-Kallikrein Panel Discriminates Prostate Cancer and Aggressive Disease in a Multiethnic Population.** Burcu Darst. Center for Genetic Epidemiology, Department of Preventive Medicine, Keck School of Medicine, University of Southern California, Los Angeles, CA, USA.

**A069 TRPV6 as a putative genomic susceptibility locus influencing racial disparities in cancer.** Patricia Francis-Lyon. University of San Francisco, San Francisco, CA, USA.

**A070 Myosin heavy chain 9 (MYH9) is a novel interacting partner of kinesin family member C1 (KIFC1) in African American TNBC: Implications for racial disparity.** Chakravarthy Garlapati. Georgia State University, Atlanta, GA, USA.

**A071 Characterization of head and neck squamous cell carcinoma from Jamaican patients using p16 immunohistochemistry and HPV polymerase chain reaction in archival formalin-fixed paraffin-embedded tissues.** Sharon Harrison. Fox Chase Cancer Center, Philadelphia, PA, USA.

**A072 Polyethnic-1000: Advancing cancer genomics by studying ethnically diverse, underserved patient populations in New York.** Benjamin Hubert. New York Genome Center, New York, NY, USA.

**A073 TGF-beta receptor type-2 expression regulates breast cancer progression and is a prognostic marker for racial disparities.** Alakesh Bera. Uniformed Services University, Bethesda, MD, USA.

**A075 Lifestyle associated metabolites drive neuroendocrine differentiation in prostate cancer.** Ashley Knowell. South Carolina State University, Orangeburg, SC, USA.

**A076 Mechanistic Pathways and Novel Prognostic Indicators of Lifestyle Intervention Outcomes for African American Breast Cancer Survivors.** Jessica Olson. Medical College of Wisconsin, Milwaukee, WI, USA.

**A080 Associations between quantitative measures of TDLU involution and breast tumor molecular subtypes among breast cancer cases in the Black Women's Health Study.** Brittny Davis Lynn. National Cancer Institute, Rockville, MD, USA.

**A081 Using the Arkansas State-Wide Health and Nutrition Examination Survey to Understand Metabolic Health among Healthy African-American and Whites Smokers and Non-Smokers.** Ping-Ching Hsu. University of Arkansas for Medical Sciences, Little Rock, AR, USA.

**A082 ENACT: a randomized trial assessing the impact of the Oncotype DX Prostate Cancer Assay on treatment decision in a racially diverse population of men eligible for active surveillance.** Adam B. Murphy. Northwestern University Feinberg School of Medicine, Chicago, IL, USA.

**A083 Detection of Personalized Oncogenic Risk after Genotoxic Exposures.** Paul Okunieff. University of Florida, Gainesville, FL, USA.



**A084 Personalized Prediction of Radiation Sensitivity.** Paul Okunieff. University of Florida, Gainesville, FL, USA.

**A085 Common and unique breast and prostate cancer metabolic profiles in African Americans.** Delisha A. Stewart. University of North Carolina at Chapel Hill, Kannapolis, NC, USA.

**A087 Spatial RNA-seq reveals intra-tumor heterogeneity and transcriptional substructure in a diverse cohort of high grade ovarian cancers.** Lee Gibbs. USC Keck School of Medicine, Los Angeles, CA, USA.

**A088 Centrosomes take center-stage: Comparative analysis of centrosome amplification in African American and European American patients with prostate cancer.** Shriya Joshi. Georgia State University, Atlanta, GA, USA.

**A089 Detection of circulating tumor cells (CTC) by microfluidic technology based on lateral magnetophoresis and CTC-based multigene profiling analysis in prostate cancer patient.** Hyungseok Cho. INJE University, Gimhae, Gyungangnam-do, Republic of Korea.

**A090 Community Partnerships Expand Access to Tumor Molecular Profiling.** Thomas Reynolds. Memorial Sloan Kettering Cancer Center, New York, NY, USA.

**A091 Consenting Challenges toward Age, Ethnicity, and Co-Morbidity Matching of Cancer Patient and Control Populations at a Minority-Majority Safety Net Hospital.** Morgan Thompson. Boston Medical Center, Boston, MA, USA.

**A092 DNA repair proficiency predicts disparities in triple negative breast cancer outcomes.** Komaraiah Palle. Texas Tech University Health Sciences Center, Lubbock, TX, USA.

**A093 Addressing disparities in breast cancer: Using DNA damage response to bridge the gap.** Shanna Smith. City of Hope, Duarte, CA, USA.

**A094 Integrative multi-omics approach reveals complex interplay between HPV, host and microbiome during cervical carcinogenesis in Hispanic and non-Hispanic women.** Melissa Herbst-Kralovetz. College of Medicine-Phoenix, University of Arizona, Phoenix, AZ, USA.

**A095 Metabolic re-wiring in African-American prostate Cancer: A role for adenosine-inosine axis in tumor progression.** Christy Charles. Baylor College of Medicine, Houston, TX, USA.

**A096 Oncogenic TRIM37 is a Genetic Determinant of Racial Disparity in TNBC Patients.** Rachisan Gabriel Djake Tihagam. University of Virginia, Charlottesville, VA, USA.

**A097 Genomic and transcriptomic characterization of RNA methyltransferases in breast cancer.** Morenci Manning. Wayne State University, Detroit, MI, USA.



**A099 Oncotype Dx test receipt among Latina women with breast cancer: A population-based retrospective cohort study.** Nicholas Acuna. Rutgers University School of Public Health, Piscataway, NJ, USA.

**A101 The impact of dementia on cancer treatment decision-making, cancer treatment, and survival.** Yaelin Caba Silverio. Icahn School of Medicine, New York, NY, USA.

**A102 Association of lymphoid malignancies and area-based socioeconomic status with survival in the United States.** Maira A. Castaneda-Avila. University of Massachusetts - Medical School, Worcester, MA, USA.

**A104 Lung cancer incidence and risk factors in never-smoking Asian American, Native Hawaiian, and Pacific Islander women: a multilevel dataset of electronic health record, cancer registry, and environmental data.** Mindy DeRouen. University of California San Francisco, San Francisco, CA, USA.

**A105 Trends in Acute Lymphocytic Leukemia (ALL) Incidence in the US from 2000-2016.** Qianxi Feng. Department of Preventive Medicine, University of Southern California Keck School of Medicine, Los Angeles, CA, USA.

**A106 Preexisting mental illness on all-cause and cause-specific mortality among Medicaid-insured women diagnosed with breast cancer.** Wayne Lawrence. University at Albany, State University of New York, Albany, NY, USA.

**A107 Disparities in gastric adenocarcinoma and its precursors in South Texas: a secondary analysis of electronic health data from two affiliated institutions.** Dorothy Long Parma. University of Texas Health Science Center at San Antonio, San Antonio, TX, USA.

**A108 Differences in incidence by sex and race/ethnicity of adrenocortical carcinomas and malignant pheochromocytomas and paragangliomas in California.** Claire Mulvey. University of San Francisco, San Francisco, CA, USA.

**A110 Could use of individualized risk models mitigate health disparities in eligibility for lung cancer screening?.** Corey Young. Morehouse School of Medicine, Atlanta, GA, USA.

**A111 Racial differences in the relationship between dimensions of smoking exposure and lung cancer risk: A pooled analysis from the International Lung Cancer Consortium Study.** Rony Arauz. National Cancer Institute, Bethesda, MD, USA.

**A112 Lifetime cigarette smoking and breast cancer risk in young women: Racial and socioeconomic disparities in risk in the Young Women's Health History Study.** Ugonna Ihenacho. Keck School of Medicine of the University of Southern California, Los Angeles, CA, USA.

**A114 Changes in employment status and productivity after a cancer diagnosis as markers of long-term financial well-being.** Shoshana Adler Jaffe. University of New Mexico Comprehensive Cancer Center, Albuquerque, NM, USA.



**A115 Racial disparities in health insurance status of U.S. adults with hematologic malignancies in states with and without Medicaid expansion: Analyses from the National Cancer Database, 2007-2016.** Gregory Calip. University of Illinois at Chicago, Chicago, IL, USA.

**A116 Occupational disparities in women's employment after cancer.** Christine Ekenga. Washington University in St. Louis, St. Louis, MO, USA.

**A117 Area Deprivation Index and Rurality in Relation to Lung Cancer Prevalence and Mortality in a Rural State.** Paul Han. Maine Medical Center, Portland, ME, USA.

**A118 Work changes and predictors of decreased work participation among African American cancer survivors.** Theresa Hastert. Wayne State University School of Medicine/Karmanos Cancer Institute, Detroit, MI, USA.

**A119 Access to breast cancer survivorship care in a medically underserved region: Examining the role of non-medical providers.** Deborah Lefkowitz. Independent Scholar, Riverside, CA, USA.

**A120 Financial Well-Being and Quality of Life Following a Cancer Diagnosis: A Focus on Socioeconomic Disparities.** Jean McDougall. University of New Mexico Comprehensive Cancer Center, Albuquerque, NM, USA.

**A121 Effect of state Medicaid expansion status on insurance coverage and stage at diagnosis in head and neck cancer patients.** Nosayaba Osazuwa-Peters. Saint Louis University School of Medicine, Saint Louis, MO, USA.

**A123 Legislation by states and its impact on factors causing divergence in HPV vaccination coverage : Analysis of 2013-2017 National Immunization Survey - Teens (NIS-TEENS).** Radhika Ranganathan. University of South Carolina, Columbia, SC, USA.

**A124 Neighborhood, race and insurance predict for hospital admission during radiation therapy.** Daniel Wakefield. University of Tennessee Health Science Center - Department of Radiation Oncology, Memphis, TN, USA.

**A125 The impact of the 2010 Patient Protection and Affordable Care Act (ACA) on colorectal cancer screening in vulnerable populations: A systematic literature review.** Joshua Yudkin. University of Texas Health Science Center, Dallas, TX, USA.

**A126 Rural-Urban Differences in Breast Reconstruction Utilization Following Mastectomy.** Robert-Marlo Bautista. University of Kentucky, Lexington, KY, USA.

**A127 Medicare Restricts Coverage of Genetic Testing.** Verinda Hobbs. FORCE: Facing Our Risk of Cancer Empowered, Paterson, NJ, USA.



**A128 Building sustainable partnerships between cancer centers and safety net community hospitals to increase access to and quality of cancer care.** Vida Henderson. University of Illinois Cancer Center, Chicago, IL, USA.

**A129 Racial/ethnic disparities in patient experiences with health care and the association with earlier stage at colorectal cancer diagnosis: Findings from the SEER-CAHPS data.** Carol Ochoa. University of Southern California, Los Angeles, CA, USA.

**A130 Provider patient-sharing networks reduce colorectal cancer time-to-treatment: What is their relationship to survival?.** Melody K Schiaffino. San Diego State University, San Diego, CA, USA.

**A131 Understanding financial toxicities and disparities associated with treating colorectal cancer in the minority community.** Wenora Johnson. Fight Colorectal Cancer, Joliet, IL, USA.

**A132 Emergency Department-Mediated Cancer Diagnosis in the United States.** Caroline Thompson. San Diego State University, San Diego, CA, USA.

**A133 Comparison of Radiation Therapy Initiation Timelines Among Varied Referral Streams to Identify Sources of Delay.** Melody Xu. University of California San Francisco, San Francisco, CA, USA.

**A134 Minority women with non-endometrioid endometrial cancer are not less likely to receive guideline-concordant treatment than White women.** Jhalak Dholakia. The Ohio State University, Columbus, OH, USA.

**A136 Racial disparities in delayed initiation of adjuvant endocrine therapy among patients with breast cancer.** Kimberley Lee. Johns Hopkins, Baltimore, MD, USA.

**A137 Impact of provider delay in early stage breast cancer on outcomes across public health services in Southeast Brazil and Harris Health Texas.** Maryam Nemati Shafaei. Baylor College of Medicine, Dan L Duncan Cancer Center, Houston, TX, USA.

**A138 Evaluating medication adherence of oral endocrine therapy among breast cancer survivors in a large academic medical center.** Rutugandha Paranjpe. University of Houston, Houston, TX, USA.

**A139 Volume and Quality in Head and Neck Cancer.** Ari Schuman. University of Michigan Medical School, Ann Arbor, MI, USA.

**A140 Factors associated with receipt of guideline-concordant treatment among Medicaid enrollees with breast and colorectal cancer.** Jennifer Tsui. Rutgers Cancer Institute of New Jersey, New Brunswick, NJ, USA.

**Poster Session B**  
**Saturday, September 21, 2019**  
**5:30 p.m.-7:30 p.m.**

**B001 Rural interventions to improve breast, cervical and colorectal screening rates: Recruitment strategies for women in rural areas.** Ryan Baltic. The Ohio State University, Columbus, OH, USA.

**B002 Restoring Balance, a physical activity intervention for Native cancer survivors, preliminary analysis (NNR.14.192).** Jennifer Bea. University of Arizona Cancer Center, Tucson, AZ, USA.

**B003 The Geographic Management of Cancer Health Disparities Program "CURE Tour": Increasing awareness of the NCI Continuing Umbrella of Research Experiences Program through outreach to Historically Black Colleges and Universities.** Julia Houston. University of South Carolina, Columbia, SC, USA.

**B004 Capacity development among patient navigators to enhance colorectal cancer control in American Indian-serving healthcare facilities in the U.S. Southwest and Southern Plains.** Cheyenne Jim. Albuquerque Area Indian Health Board, Inc., Albuquerque, NM, USA.

**B005 Development of a multi-component implementation strategy to deliver reproductive health care to Latina and geographically remote AYA cancer survivors on the US-Mexico border.** Helina Hoyt. San Diego State University-Imperial Valley, Calexico, CA, USA.

**B006 Developing Men Moving Forward, a lifestyle intervention for African American prostate cancer survivors.** Jamal Jarrett. Medical College of Wisconsin, Milwaukee, WI, USA.

**B007 Developing Community-Primary Care-Specialty Care Partnerships to Address Cancer Disparities in Asian Americans, Native Hawaiians, and Pacific Islanders.** Priscilla Ko. Bristol-Myers Squibb Foundation, Lawrence Township, NJ, USA.

**B008 Implementing electronic health records-based intervention tools in a large NYC healthcare system to facilitate H. pylori eradication strategies for gastric cancer prevention for at-risk Chinese American immigrant patients.** Simona Kwon. New York University School of Medicine, New York, NY, USA.

**B009 ¡Salud!, por la Vida, an educational intervention to increase colorectal cancer screening in Puerto Ricans.** Josheili Llavona-Ortiz. University of Puerto Rico - Medical Sciences Campus, San Juan, PR, USA.

**B010 Avanzando Juntas: Adapting an Evidence-based Weight Loss Program for Hispanic Breast & Gynecologic Cancer Survivors.** AnaKaren Manriquez Prado. Medical College of Wisconsin, Milwaukee, WI, USA.

**B011 Empowering Latinas to Obtain Breast Cancer Screenings: Comparing Interventions' Behavioral and Network Effects.** Yamilé Molina. University of Illinois at Chicago, Chicago, IL, USA.



**B012 Framing *Sức Khỏe là Hạnh Phúc* within the Cultural Adaptation Process Model: Adapting a Cervical and Breast Cancer Screening Intervention for Vietnamese American Women.** Frances Nguyen. The University of Texas Health Science Center at Houston, Houston, TX, USA.

**B013 Development of a prostate cancer care and survivorship intervention trial for ethnically-diverse Black men.** Folakemi Odedina. University of Florida, Orlando, FL, USA.

**B014 Disseminating prostate cancer scientific discoveries into public health and community applications: The Minority Prostate Cancer (MiCaP) Research Digest.** Folakemi Odedina. University of Florida, Orlando, FL, USA.

**B015 Community and Research Perspectives Regarding Cancer Disparities: A Comparative Analysis of Listening Sessions with Diverse Stakeholders.** Jessica Olson. Medical College of Wisconsin, Milwaukee, WI, USA.

**B017 Rural interventions for screening effectiveness: Baseline cancer screening behaviors of rural women of Indiana and Ohio.** Electra Paskett. The Ohio State University, Columbus, OH, USA.

**B018 A tribal-academic multi-theory-driven messaging intervention to increase mammography participation is well-received by community women.** Wesley Petersen. Mayo Clinic, Rochester, MN, USA.

**B019 Estimating the costs and cost-effectiveness of promoting mammography screening among US-based Latinas.** Catherine Pichardo. University of Illinois at Chicago, Chicago, IL, USA.

**B020 Development of a Tailored Interactive Multimedia Intervention (TIMI) to Promote Colorectal Cancer Screening among Puerto Ricans.** Jorge Rodriguez Lebron. University of Puerto Rico - Medical Science Campus, San Juan, PR, USA.

**B022 Increasing breast cancer knowledge in Puerto Rico through partnerships.** Omayra Salgado. Comprehensive Cancer Center, University of Puerto Rico, San Juan, PR, USA.

**B023 Cancer disparities and faith-based messaging in the African American church.** Tiffany H. Williams. Independent Advocate, North Charleston, SC, USA.

**B024 Impact of a spanish peer support group for women with breast and ovarian cancer.** Ivis Sampayo. SHARE Cancer Support, New York, NY, USA.

**B025 "Kulu the Colon": An assessment of a colorectal cancer education intervention in Guam.** Maurissa Sayama. University of Guam, Mangilao, GU, USA.

**B026 Occurrence of comorbidities among diverse hospice cancer patients with and without diabetes.** Lisa Scarton. University of Florida, Gainesville, FL, USA.



**B027 Reducing liver cancer disparities through culturally tailored educational messages: A city-wide bus campaign in Philadelphia City.** Yin Tan. Center for Asian Health, Lewis Katz School of Medicine, Temple University, Philadelphia, PA, USA.

**B028 The stages of change model approach to reducing endocrine disrupting chemical exposures linked to breast cancer risk for Black women.** Dede Teteh. City of Hope Comprehensive Cancer Center, Duarte, CA, USA.

**B029 Community Based Colorectal Cancer Screening Initiative to Address Colorectal Cancer Disparities among African Americans and Sexual and Gender Minorities on the Southside of Chicago.** Karriem Watson. University of Illinois Cancer at University of Illinois of Chicago, Chicago, IL, USA.

**B030 See, Test, and Treat: Engaging vulnerable populations in cancer screening.** Michelle Williams. University of Mississippi Medical Center, Jackson, MS, USA.

**B031 Florida-California CaRE2 Health Equity Center Citizen Scientist Training Program: Results from Pilot Program.** Nissa Askins. University of Florida Research and Academic Center Lake Nona, Lake Nona, FL, USA.

**B032 African American Cancer Survivors Perspectives on Clinical Trial Participation at a Safety-Net Hospital Cancer Center.** Dexter Cooper. Morehouse School of Medicine, Atlanta, GA, USA.

**B033 Patient Navigation at NCI-designated, Safety-Net, and Rural Cancer Centers: Why is Tailoring Necessary?.** Mindy Le. Morehouse School of Medicine, Atlanta, GA, USA.

**B034 Improving patient-centered care for inflammatory breast cancer: Strategies for addressing barriers faced by patients, researchers, and providers.** Gayathri Devi. Duke University School of Medicine, Durham, NC, USA.

**B035 Identification of a tumor cell adaptive stress response signaling pathway, which drives aggressive breast cancer phenotype and therapeutic resistance, in African American patients with locally advanced breast cancer subtypes.** Gayathri Devi. Duke University School of Medicine, Durham, NC, USA.

**B036 Asian Breast Cancer (ABC) Project: Breaking the silence with knowledge and support.** Chien-Chi Huang. Asian Breast Cancer Project, Somerville, MA, USA.

**B037 Patient activation and navigation: Utilizing innovative patient engagement strategies to elevate knowledge of breast cancer and clinical trials among African American women.** Lisa Goldman Ross. Stanford University, Palo Alto, CA, USA.

**B038 A Community Based Participatory Research Approach to Address Healthcare Disparities in Quality of Life of Latino Parents of Children with Cancer.** Michelle Fortier. University of California Irvine, Irvine, CA, USA.





**B039 *I am good but depressed: The mental health impact of breast cancer on the black community.*** Dorothy Galloway. City of Hope Comprehensive Cancer Center, Duarte, CA, USA.

**B040 GRECO: A novel patient-centered research methodology to broaden participation in clinical research.** Linda Higashi. Guardant Health, Inc., Redwood City, CA, USA.

**B041 Community-health worker delivered weight loss and maintenance intervention for rural African American adults.** Yeary Karen. Roswell Park Comprehensive Cancer Institute, Buffalo, NY, USA.

**B042 Identifying effective interventions using community-based participatory practices to improve cancer-related health outcomes in a high-risk population.** Tyrell Mann-Barnes. Temple University, Philadelphia, PA, USA.

**B043 Getting proximate: Facing the truth about African American hereditary breast cancer research – insight from Alabama.** Nancy Merner. Auburn University, Auburn, AL, USA.

**B044 Assessing Knowledge and Perceptions about Cancer among American Indians of Zuni Pueblo, New Mexico.** Safia Safi. University of New Mexico, Albuquerque, NM, USA.

**B045 Operationalizing community engagement and participation: Experiences of the Yale Cancer Disparities Firewall Project to impact lifestyle change and cancer screening.** Sakinah Suttiratana. Yale School of Public Health, Yale Cancer Center, New Haven, CT, USA.

**B046 Incorporating Latino patient input in patient-facing materials for a mailed fecal test outreach program.** Jamie Thompson. Kaiser Permanente, Portland, OR, USA.

**B047 Community-Academic Partners Working in a Small Grants Program.** Graciela Unguez. New Mexico State University, Las Cruces, NM, USA.

**B048 HPV Vaccination in Hmong-American Adolescents: A Multilevel and Assets-Based Qualitative Study.** Serena Xiong. University of Minnesota School of Public Health, Minneapolis, MN, USA.

**B049 Psychological underpinnings of cervical cancer screening intentions among the underserved: An examination of the influence of cancer fatalistic notions and associated cognitions.** Carlos Garrido. University of Arizona Cancer Center, Tucson, AZ, USA.

**B051 Understanding patient-reported barriers to colorectal cancer screening: A literature review.** Colin Small. Guardant Health, Inc., Redwood City, CA, USA.

**B052 Use of video education interventions to increase underrepresented minority cancer survivor participation in clinical trials: A review.** Timiya Nolan. The Ohio State University, Columbus, OH, USA.

**B053 Factors that influence prostate cancer treatment decisions: a qualitative study among a diverse, population-based sample of men with low-risk prostate cancer in Northern California.** Salma Shariff-Marco. University of California San Francisco, San Francisco, CA, USA.



**B054 Development of a decisional values measure for lung cancer screening among long-term African American smokers.** Randi Williams. Georgetown University, Washington, DC, USA.

**B055 Translating research into practice: early lessons from a pragmatic clinical trial to reduce disparities in breast cancer treatment through a regional patient navigation collaborative.** Amy LeClair. Tufts Medical Center, Boston, MA, USA.

**B056 Assessing knowledge of genetic testing for inherited cancer among registry-based young black breast cancer survivors and predominately non-hispanic white clinic-based patients.** Sydney Cadiz. Meharry Medical College, Nashville, TN, USA.

**B057 Promoting genetic counseling among African American women with hereditary risk for breast cancer.** Vida Henderson. University of Illinois Cancer Center, Chicago, IL, USA.

**B058 Germline mutation spectrum in hereditary cancer syndromes in a Latin American population.** María Carolina Sanabria-Salas. Instituto Nacional de Cancerología, Bogotá, Colombia.

**B059 Can health system engagement facilitate greater utilization of genetic tests to predict cancer risk? A health disparities exploration of national survey data.** Jason Semprini. University of Chicago, Chicago, IL, USA.

**B061 Effect of artonin E on apoptosis cell death induction in colon cancer cell.** Ramida Watanapokasin. Srinakharinwirot University, Bangkok, Thailand.

**B062 Kaiso influences immune signaling of breast cancer exosomes.** Md Shakir Ahmed. Tuskegee University, Tuskegee, AL, USA.

**B063 Race-related *LMO7* exon skipping enhances prostate tumor invasion.** Muthana Al Abo. Duke University, Durham, NC, USA.

**B064 Race-related genetic variation and response to secondary hormonal therapy in metastatic castration-resistant prostate cancer.** Tyler Allen. Duke University, Durham, NC, USA.

**B065 A framework for transcriptome-wide association studies in breast cancer in diverse study populations.** Arjun Bhattacharya. University of North Carolina-Chapel Hill, Chapel Hill, NC, USA.

**B066 Breast and prostate cancers harbor common somatic copy number alterations that consistently differ by race and are associated with survival.** Yalei Chen. Henry Ford Health System, Detroit, MI, USA.

**B067 Whole-Exome Sequencing of matched longitudinal primary and metastatic prostate cancers from African American men.** Mezbah Faruque. Howard University College of Medicine, Washington, DC, USA.

**B068 Whole Exome Sequencing Reveals Rare and Novel Variants Associated with Breast Cancer in Trinidadian Families.** Rajini Haraksingh. The University of the West Indies, St. Augustine, Trinidad & Tobago.



**B069 Up-regulation of miR-130b contributes to risk of poor prognosis and racial disparity in African-American prostate cancer.** Yutaka Hashimoto. NCIRE/ UCSF, San Francisco, CA, USA.

**B070 Mitotic kinases differentially phosphorylate survivin in African American TNBC: Clues for racial disparity.** Shriya Joshi. Georgia State University, Atlanta, GA, USA.

**B071 PVT1 regulation of claudin expression in triple negative breast cancer.** Fayola Levine. City University of New York, Hunter College, New York, NY, USA.

**B072 Identification of mechanisms of resistance to enzalutamide treatment using In Vitro castration-resistant prostate cancer models.** Joakin Mori. Tuskegee University, Tuskegee, AL, USA.

**B073 Understanding etiology of Young Kenyan ESCC.** Joab Odera. North Carolina Central University, Durham, NC, USA.

**B074 The long non-coding RNA from PVT1 exon 9 is overexpressed in prostate cancer in Black males and induces malignant transformation, invasiveness, and castration-resistance in prostate epithelial cells.** Gargi Pal. Hunter College, City University of New York, New York, NY, USA.

**B075 Defining germline mutations of DNA damage repair genes in African American prostate cancer patients.** Gyorgy Petrovics. Center for Prostate Disease Research, USU Walter Reed Surgery, Henry Jackson Foundation for the Advancement of Military Medicine, Bethesda, MD, USA.

**B076 The effect of C1q and gC1qR in breast cancer: Racial health disparities.** Tiana Reyes. Stony Brook University, Stony Brook, NY, USA.

**B077 Ribosomal RNAs are fragmented into short RNAs in a manner that depends on a person's sex, population origin, and race: implications for health disparities and personalized medicine.** Tess Cherlin. Thomas Jefferson University, Philadelphia, PA, USA.

**B078 FOXA1 genetic alterations in Whites versus Blacks or African Americans in breast and prostate cancer.** Jennifer Torres. University of Houston, Houston, TX, USA.

**B079 Using whole exome sequencing of archived FFPE tissue to characterize the mutational landscape of prostate cancer in Nigerian men.** Jason White. Tuskegee University, Tuskegee, AL, USA.

**B080 Assessment of the molecular mechanisms of a protective variant for breast cancer in Latinas.** Valentina Zavala. University of California San Francisco, San Francisco, CA, USA.

**B081 Common copy number aberrations in breast cancer in Latinas.** Elad Ziv. University of California, San Francisco, San Francisco, CA, USA.

**B082 Association of CXCR6/CXCL16 axis in Triple Negative Breast Cancer and Racial Disparity.** Hina Mir. Morehouse School of Medicine, Atlanta, GA, USA.



**B083 Dysregulation of the AR-Nrdp1-ErbB3 axis occurs in African American prostate cancer patients and is associated with worse outcomes.** Anhao Sam. California Northstate University, Elk Grove, CA, USA.

**B084 Dysregulation of the AR-Nrdp1-ErbB3 axis occurs in African American prostate cancer patients and is associated with worse outcomes.** Anhao Sam. CNUCOP, Elk Grove, CA, USA.

**B085 Low-sensitivity and drug-resistance to DNA-demethylating epi-drug decitabine in solid tumors: A challenge yet to overcome.** Khushboo Agrawal. Institute of Molecular and Translational Medicine, Olomouc, Czechia.

**B086 Short-term Effects of immigration on the development of breast cancer in women of African descent.** Sophia George. Sylvester Comprehensive Cancer Center, University of Miami Miller School of Medicine, Miami, FL, USA.

**B087 Role of GATA-4-Androgen-AR axis in prostate cancer from African American men.** Swathi Ramakrishnan. Roswell Park Comprehensive Cancer Center, Buffalo, NY, USA.

**B088 Loss of alpha-catenin expression is associated with race, aggressive disease, and chemoresistance in triple negative breast cancer.** Rania Bassiouni. University of Southern California, Los Angeles, CA, USA.

**B089 Kaiso as a novel therapeutic target in castration-resistant prostate cancer.** Huixian Lin. Tuskegee University, Tuskegee, AL, USA.

**B090 Molecular mechanisms of microRNA-1205 in aggressive prostate cancer in men of African Ancestry.** Michelle Naidoo. Graduate Center of the City University of New York, New York, NY, USA.

**B091 Molecular alterations in black and Hispanic women with early breast cancer.** Preethi Prasad. Montefiore Medical Center/Albert Einstein College of Medicine, Bronx, NY, USA.

**B092 Epstein-Barr Virus prevalence in classical Hodgkin lymphoma tumors by race/ethnicity in a multiethnic U.S. population.** Wendy Cozen. Keck School of Medicine, University of Southern California, Los Angeles, CA, USA.

**B093 upregulated and downregulated microRNA-signatures in thyroid cancer health disparities.** Ryan Davis. Loma Linda University School of Medicine, Loma Linda, CA, USA.

**B094 Regulation of megalin by vitamin D as the mechanism for differential levels of intra-prostatic androgens between African American and Caucasian men.** Jason Garcia. University of Illinois Chicago, Chicago, IL, USA.

**B095 Tackling chemotherapy resistance of cancer cells: Inhibition of diacylglycerol O-acyltransferase 2 increases ceramide and cancer cell apoptosis.** Rideeta Raquib. Stony Brook University, Stony Brook, NY, USA.



**B096 Predictors of survival in black and white patients with malignant pleural mesothelioma.** Naomi Alpert. Icahn School of Medicine at Mount Sinai, New York, NY, USA.

**B097 Understanding outcome disparities in multiple myeloma: A multi-ethnic comparison of clinical characteristics in Hispanics.** Alem Belachew. MD Anderson Cancer Center, Houston, TX, USA.

**B098 Intra-Caribbean Island differences drive breast cancer outcomes in US Caribbean-Immigrant women compared to US-Born Black women.** Danielle Cerbon. Miller School of Medicine, University of Miami, Miami, FL, USA.

**B099 Rural Black Cases Have Worsened Outcomes in Head and Neck Cancer.** Angela Mazul. Washington University School of Medicine, St. Louis, MO, USA.

**B100 Developing an integrated understanding of access to care and tumor characteristics patterns by race and age in the Carolina Breast Cancer Study Phase III, 2008 – 2013.** Marc Emerson. University of North Carolina at Chapel Hill, Chapel Hill, NC, USA.

**B101 Race is associated with receipt of guideline-concordant treatment among women with endometrioid endometrial cancer: A National Cancer Database Study.** Ashley Felix. The Ohio State University, Columbus, OH, USA.

**B102 Body Mass Index, Physical Activity, and Breast Cancer Subtype in European American, African American, and Sea Island Breast Cancer Survivors.** Marvella Ford. Medical University of South Carolina, Charleston, SC, USA.

**B103 Racial and geographic disparities in stage of presentation in the colorectal cancer hotspot region of North Carolina.** Tyler Hinshaw. East Carolina University Brody School of Medicine, Greenville, NC, USA.

**B104 Disaggregation of Gastric Cancer Risk Between Asian American Subgroups.** Robert Huang. Stanford University School of Medicine, Stanford, CA, USA.

**B105 The impact of ancestry on mutational and immune signatures in Triple Negative Breast Cancers.** Raymond Hughley. Mount Sinai, New York, NY, USA.

**B106 Racial/ethnic disparities in risk of breast cancer mortality by molecular subtype and stage at diagnosis.** Nicole Lorona. University of Washington, Seattle, WA, USA.

**B107 Race-specific gene expression patterns in Triple-Negative Breast Cancer (TNBC) cases.** Rachel Martini. Weill Cornell Medical College, New York City, NY, USA.

**B108 Disparities in clinical and demographic characteristics among Asian/Pacific Islander and Non-Hispanic White newly diagnosed lung cancer patients.** Parth Patel. Icahn School of Medicine at Mount Sinai, New York, NY, USA.





**B109 Hispanics have Improved Overall Survival with Pancreatic Ductal Adenocarcinoma regardless of Treatment Facility.** Andrea Riner. University of Florida, Gainesville, FL, USA.

**B110 Racial disparities in pancreatic adenocarcinoma survival. Do they exit for patients who already survived their first year?.** Anas Saad. Department of Cardiovascular Medicine, Cleveland Clinic, Cleveland, OH, USA.

**B111 Integrated Molecular Approach to Identify Biological Factors Contributing to Breast cancer Disparities in Chicago.** Ashlie Santaliz Casiano. University of Illinois, Urbana-Champaign, Urbana, IL, USA.

**B112 Racial/ethnic differences in hepatocellular carcinoma (HCC) characteristics and outcomes: the Multiethnic Cohort.** Veronica Setiawan. University of Southern California, Los Angeles, CA, USA.

**B113 Unique Hormone Receptor Signatures of Inflammatory Breast Cancer in a Cohort of Puerto Rican Women.** Zoe Underill. Universidad Central del Caribe, Bayamon, PR, USA.

**B114 Impact of nativity on survival among blacks with hepatocellular carcinoma in California (1988-2016).** Kali Zhou. University of Southern California, Los Angeles, CA, USA.

**B115 Breast cancer screening, diagnostic and/or treatment care processes in care institutions in the Chicago area.** Carla Amato-Martz. Metropolitan Chicago Breast Cancer Task Force, Chicago, IL, USA.

**B116 Evaluating the ability of clinically approved chemotherapeutics to decrease race-associated breast cancer mortality disparities via targeting the tumor promoting effect of Crystallin Beta B2.** Portia Andrews. North Carolina Central University, Durham, NC, USA.

**B117 Body positivity after a double mastectomy.** Chiara D'Agostino. Independent Advocate, Montclair, NJ, USA.

**B118 Characteristics of patients with pseudoangiomatous stromal hyperplasia (PASH): A retrospective cohort study.** George Bukenya. Belmont University, Nashville, TN, USA.

**B120 Hospitalization may be an early indicator of worse breast cancer survival among women from disparate populations.** Avonne Connor. Johns Hopkins Bloomberg School of Public Health and Johns Hopkins Sidney Kimmel Cancer Center, Baltimore, MD, USA.

**B121 Pathologic characteristics of African American women with breast cancer treated at the DoD's Murtha Cancer Center: why survival cancer is not disparate to European American women when treated within the US Military Healthcare System.** Rachel Ellsworth. Murtha Cancer Center, Windber, PA, USA.

**B122 Spatial analysis of ductal carcinoma in situ, locoregional, and distant metastatic breast cancer in North Carolina: Evidence for rural-urban disparities.** Larisa Gearhart-Serna. Duke University School of Medicine, Durham, NC, USA.



**B123 Using eHealth and Data Science to Dissect Breast Cancer Heterogeneity in the Chicago Multi-Ethnic (ChiMEC) Breast Cancer Cohort.** Dezheng Huo. University of Chicago, Chicago, IL, USA.

**B124 Breast cancer treatment delays at an urban safety net hospital among women experiencing homelessness.** Naomi Ko. Boston University, Boston Medical Center, Boston, MA, USA.

**B125 Molecular profiling basal 2 subtypes of triple negative breast cancer cells and their response to histone deacetylase inhibitor.** Beverly Lyn-Cook. FDA/National Center for Toxicological Research, Jefferson, AR, USA.

**B126 The Will Rogers phenomenon in breast cancer: The AJCC 8<sup>th</sup> Ed. and the importance of caution in the interpretation of outcomes differences for overall population and race-specific cohorts.** Mary Nittala. University of Mississippi Medical Center, Jackson, MS, USA.

**B127 Hispanic-White residential segregation and stage at diagnosis among female residents of Texas.** Chinedum Ojinnaka. Arizona State University, Phoenix, AZ, USA.

**B128 The impact of race/ethnicity and insurance status on age-related differences in breast cancer survival.** Yazmin San Miguel. University of California San Diego, San Diego, CA, USA.

**B129 Does insurance status explain the racial disparity in survival outcome seen in upper aerodigestive tract cancers in the United States?.** Joycemary Amponsem. Meharry Medical College, Nashville, TN, USA.

**B130 Characteristics of young-onset colorectal cancer patients and variation of treatment patterns: An analysis of US hospital data.** Georges Adunlin. Samford University, Birmingham, AL, USA.

**B131 How Do Reversal Rates Vary among Patients with Colorectal Cancer for which Intestinal Stoma was Performed?.** Lillian Hang. OptumLabs, Eden Prairie, MN, USA.

**B133 Disparities in survival by sociodemographic factors among patients with young-onset colorectal cancer: a population-based study.** Maria Elena Martinez. University of California, San Diego, La Jolla, CA, USA.

**B134 Tumor biology and cancer health disparity: gene expression, cytokine secretion, and protein production in African American colon cancer cell lines.** Marzia Spagnardi. State University of New York Downstate Medical Center, Brooklyn, NY, USA.

**B135 Health literacy disparities among Hispanic caregivers of children with newly diagnosed cancer.** Paula Aristizabal. University of California San Diego, Rady Children's Hospital San Diego, University of California San Diego Moores Cancer Center, San Diego, CA, USA.

**B136 Title to be announced.** Dena Willie-Paddy. Davita Medical Group, Albuquerque, NM, USA.

**B137 Colorectal Cancer Mortality and Disparities in America's 30 Most Populous Cities.** Abigail Silva. Loyola University Chicago, Chicago, IL, USA.



12th AACR Conference on

## The Science of Cancer Health Disparities

September 20-23, 2019 | San Francisco, CA

**AACR**  
American Association  
for Cancer Research®

**Poster Session C**  
**Sunday, September 22, 2019**  
**12:30 p.m.-2:30 p.m.**

**C001 Palliative radiation to bony metastases from GI tumors: Disparities, outcomes, and practice patterns.** Jason Hirshberg. Midwestern University AZCOM, Glendale, AZ, USA.

**C002 Racial and geographic variation in knowledge of palliative care among American adults.** Kayanna Jacobs. Florida Agricultural & Mechanical University, Tallahassee, FL, USA.

**C003 Sociodemographic and Clinical Characteristics Associated with Worst Pain Intensity among Cancer Patients.** Verlin Joseph. University of Florida, Gainesville, FL, USA.

**C004 End-of-life care in patients with advanced cancer in an urban safety net hospital.** Naomi Ko. Boston University, Boston Medical Center, Boston, MA, USA.

**C005 Racial differences in painful body surface area (bSA) and pain intensity among hospice cancer patients.** Keesha Roach. University of Florida, Gainesville, FL, USA.

**C006 Underutilization of Palliative Care in Metastatic Foregut Cancer Patients is Associated with Socioeconomic Disparities.** Matthew Porembka. UT Southwestern, Dallas, TX, USA.

**C007 Racial Differences in Feasibility and Perceived Value of Electronic Symptom Monitoring in a Cohort of Black and White Bladder and Prostate Cancer Patients.** Cleo Samuel. Gillings School of Global Public Health and Lineberger Comprehensive Cancer Center, University of North Carolina at Chapel Hill, Chapel Hill, NC, USA.

**C008 Pharmacokinetic analysis of vincristine and its m1 metabolite in Kenyan pediatric cancer patients through co-modelling.** Lorita Agu. University of Houston, Houston, TX, USA.

**C009 Post-diagnostic statin and metformin use and risk of biochemical recurrence risk among Black and White men diagnosed with prostate cancer at the Veterans Health Administration.** Saira Khan. University of Delaware, Newark, DE, USA.

**C010 African Americans Adherence to Survivorship.** Roberta A. Albany. Independent Advocate, Mt. Penn, PA, USA.

**C011 The effects of a culturally tailored lifestyle intervention on quality of life in African-American breast cancer survivors.** Lola Awoyinka. Medical College of Wisconsin, Milwaukee, WI, USA.

**C012 Impact of Racial Differences in Financial Burden on Health-Related Quality of Life.** Wendi Elkins. University of North Carolina Chapel Hill, Chapel Hill, NC, USA.



**C013 Accuracy of self-reported PSA levels is associated with better mental health in disadvantaged men with prostate cancer.** Ruby Kuang. University of California Los Angeles David Geffen School of Medicine, Los Angeles, CA, USA.

**C014 Questions I'd Wished I'd Asked: Cervical Cancer Survivors' Perceptions About Provider Education on Impact of Treatment on Sexual Health.** Gail Petersen Hock. National Cervical Cancer Coalition, Phoenix, AZ, USA.

**C015 Cardiovascular disease and health-related quality of life among African American and white cancer survivors.** Jaclyn Kyko. Wayne State University School of Medicine, Detroit, MI, USA.

**C016 Qalys and dalys are better with concurrent chemoRT than induction chemo followed by chemoRT in nasopharyngeal carcinoma.** Mary Nittala. University of Mississippi Medical Center, Jackson, MS, USA.

**C017 The Patient COUNTS Study: Patient Cancer OUTreach, Navigation, Technology, and Support.** Salma Shariff-Marco. University of California San Francisco, San Francisco, CA, USA.

**C018 Racial disparities in health care utilization at the end-of-life among New Jersey Medicaid beneficiaries with advanced cancer.** Annie Yang. Rutgers New Jersey Medical School, Newark, NJ, USA.

**C019 The battle of multiple myeloma means impeccable strength.** Yolanda Brunson Sarrabi. Independent Advocate, East Stroudsburg, PA, USA.

**C020 Racial differences in the risks of second primary gynecologic cancers following chemotherapy for malignant ovarian tumors: Asian subgroups in the United States, 2000-2016.** Nita Mukand. University of Illinois at Chicago, University of Illinois Cancer Center, Chicago, IL, USA.

**C021 Characteristics of malignancy in lesbian, gay, bisexual, and transgender/transsexual (LGBT) population.** Ghassan Al-Shbool. MedStar Washington Hospital Center, Washington, DC, USA.

**C022 Effect of Migration to the US on Health Characteristics of the African Diaspora.** Elizabeth Blackman. Fox Chase Cancer Center, Philadelphia, PA, USA.

**C023 Cervical cancer survival analysis based on screening practices and the socioeconomic position index in Puerto Rico.** Vanessa Gómez-Vargas. Graduate School of Public Health, University of Puerto Rico Medical Sciences Campus, San Juan, PR, USA.

**C024 Impact of migration on prostate health factors among West African men in US, Nigeria and Cameroon: Findings from the CaPTC familial cohort study.** Folakemi Odedina. University of Florida, Orlando, FL, USA.

**C025 Lifestyle risk factors for oral and oropharyngeal cancers in patients attending sexually transmitted infection clinics in Puerto Rico.** Jeslie Ramos-Cartagena. Comprehensive Cancer Center, San Juan, PR, USA.





**C026 Energy-related risk factors and breast cancer subtypes in African American women.** Maureen Sanderson. Meharry Medical College, Nashville, TN, USA.

**C027 A Survey of NCI's Extramural Microbiome and Cancer Grant Portfolio: Assessing Methodological Differences.** Prema Bhattacharjee. National Cancer Institute (NCI), Rockville, MD, USA.

**C028 Oxidative stress-inhibiting nutrients and supplements among West African men: The CaPTC prostate cancer cohort study.** Yaseen Elhag. University of Florida, Orlando, FL, USA.

**C029 Consumption of dietary AGEs during puberty and increased breast cancer risk: a link between lifestyle and cancer disparity.** Callan Frye. Medical University of South Carolina, Charleston, SC, USA.

**C030 Alcohol consumption and risk of young-onset breast cancer among Non-Hispanic Black and White women in the Young Women's Health History Study.** Kelly Hirko. Michigan State University College of Human Medicine, East Lansing, MI, USA.

**C031 Regular physical activity can prevent the oncogenic effects of lifestyle-associated advanced glycation end products.** Bradley Krisanits. Medical University of South Carolina, Charleston, SC, USA.

**C032 A hospital farm: Using urban agriculture to address nutrition, physical activity and food insecurity in cancer survivors.** Hilary Ma. MD Anderson Cancer Center, Houston, TX, USA.

**C033 Dietary advanced glycation end products (dAGEs) and breast cancer by race in the prostate, lung, colorectal and ovarian cancer screening trial (PLCO).** Omonefe Omofuma. University of South Carolina, Columbia, SC, USA.

**C034 Dietary folate and prostate cancer tumor aggressiveness differences between African Americans and European Americans.** Daniela Ramirez Aguilar. Fay Boozman College of Public Health, University of Arkansas for Medical Sciences, Little Rock, AR, USA.

**C035 Red meat consumption and pancreatic cancer risk in two prospective studies of racially diverse populations.** Veronica Setiawan. University of Southern California, Los Angeles, CA, USA.

**C036 Disparities in dietary behavior in East Harlem, New York City.** Cristina Zambrano. Hunter College of the City University of New York, New York, NY, USA.

**C037 Development of a Physical Activity Intervention using the Socioecological Model Framework: Formative Evaluation among Rural African American Women.** Marla Hall. East Carolina University, Greenville, NC, USA.

**C038 First- and second-degree family history of ovarian and breast cancers in relation to risk of invasive ovarian cancer in African American and White women.** Traci Bethea. Boston University School of Medicine and Slone Epidemiology Center at Boston University, Boston, MA, USA.



**C039 Investigation of a prostate cancer genetic susceptibility candidate region on chromosome 5 in African Americans.** Cathryn Bock. Karmanos Cancer Institute at Wayne State University School of Medicine, Detroit, MI, USA.

**C040 A Meta-Analysis of Genome-Wide Association Study and eQTL analysis of Multiple Myeloma among African Americans.** Wendy Cozen. Center for Genetic Epidemiology, Keck School of Medicine of University of Southern California, University of Southern California, Los Angeles, CA, USA.

**C041 Complexities of hereditary breast cancer: investigating a large African American family.** Sophonie Omeler-Fenaud. Auburn University, Auburn, AL, USA.

**C042 Family history of cancer among African Americans with breast, prostate, lung, and colorectal cancers in the Detroit Research on Cancer Survivors cohort.** Julie Ruterbusch. Wayne State University, Detroit, MI, USA.

**C043 Ethnic disparities among pancreatic cancer patients undergoing germline testing.** Ana I Velazquez. University of California, San Francisco, San Francisco, CA, USA.

**C044 Inter-ethnic differential gene expression in stage II recurrent colorectal cancers.** Prachi Bajpai. University of Alabama at Birmingham, Birmingham, AL, USA.

**C045 Outcomes of hormone-receptor positive, HER2-negative breast cancers by race and tumor biological features.** Halei Benefield. University of North Carolina - Chapel Hill, Chapel Hill, NC, USA.

**C046 Racial and ethnic differences in the association of body mass index (BMI) and melatonin levels among men in the Multiethnic Cohort Study.** Ilkhan Chowdhury-Paulino. Harvard T.H. Chan School of Public Health, Boston, MA, USA.

**C047 Internal smoking dose is associated with specific blood DNA methylation patterns across race/ethnicity: the Multiethnic Cohort Study.** Sungshim Park. University of Southern California, Los Angeles, CA, USA.

**C048 Multiethnic Polygenic Risk Scores and Smoking Interactions for Chronic Obstructive Lung Disease.** Linda Polfus. University of Southern California, Los Angeles, CA, USA.

**C049 A common microRNA-flanking variant (rs13136737) in *hsa-miR-302/367* affects risk of prostate cancer progression in young men.** Jason Wilder. Northern Arizona University, Flagstaff, AZ, USA.

**C050 Association between outdoor air pollution and breast cancer survival: The Multiethnic Cohort Study.** Iona Cheng. University of California San Francisco, San Francisco, CA, USA.

**C051 Intersection of race/ethnicity and neighborhood socioeconomic status on all-cause mortality in California and Hawaii: The Multiethnic Cohort Study.** Iona Cheng. University of California San Francisco, San Francisco, CA, USA.



**C052 Association between benzene, a hazardous air pollutant, and lung cancer risk: The Multiethnic Cohort Study.** Iona Cheng. University of California San Francisco, San Francisco, CA, USA.

**C053 Testicular cancer in Hispanics: Incidence of subtypes over time according to neighborhood sociodemographic factors in California.** Mindy DeRouen. University of California San Francisco, San Francisco, CA, USA.

**C054 Neighborhood-level social determinants impact non-small cell lung cancer aggressive somatic phenotypes.** Loretta Erhunmwunsee. City of Hope, Duarte, CA, USA.

**C055 Determinants of high risk prostate cancer among African American and White men in California: the RESPOND study (Research on Prostate Cancer in Men of African Ancestry: Defining the Roles of Genetics, Tumor Markers and Social Stress).** Scarlett Gomez. University of California San Francisco, San Francisco, CA, USA.

**C056 Application of Precision Public Health Approaches to Maximize Limited Resources for Community-based Liver Cancer Prevention Educational Sessions.** Evelyn Gonzalez. Fox Chase Cancer Center, Philadelphia, PA, USA.

**C057 Neighborhood disadvantage is associated with liver cancer treatment and survival.** Robert Hood. The Ohio State University; College of Public Health, Columbus, OH, USA.

**C058 Regional Disparities in Gastric Cancer Survival in the United States: An Observational Cohort Study of the Surveillance Epidemiology and End Results Program, 2004-2016.** Robert Huang. Stanford University School of Medicine, Stanford, CA, USA.

**C059 A Case Control Study of Risk Factors for Advanced Gastric Intestinal Metaplasia in a Multi-Ethnic United States Population (The Stanford GAPS Study).** Robert Huang. Stanford University School of Medicine, Stanford, CA, USA.

**C060 Does the border play a role? Cancer-related disparities by neighborhood proximity to the US-MX border.** Corinne McDaniels-Davidson. San Diego State University, San Diego, CA, USA.

**C061 Neighborhood racial context and race- and subtype-specific breast cancer incidence among non-Hispanic Black and non-Hispanic White women in California, 2006-2015.** Scarlett Lin Gomez. University of California San Francisco, San Francisco, CA, USA.

**C062 Silent sanctuary city—impacts on women's healthcare.** Mary Kay Dauira. Independent Advocate, Houston, TX, USA.

**C063 Impact of neighborhood socioeconomic status on breast cancer subtypes among Black women.** Bo Qin. Rutgers Cancer Institute of New Jersey, New Brunswick, NJ, USA.

**C064 Neighborhood socioeconomic status, ethnic enclave, and hepatocellular carcinoma incidence in Hispanics and Asians/Pacific Islanders living in California: An update.** Meera Sangaramoorthy. University of California San Francisco, San Francisco, CA, USA.



**C065 Multilevel factors associated with depressive symptoms among long-term survivors of childhood cancer.** Jessica Tobin. University of Southern California, Los Angeles, CA, USA.

**C066 Association of ethnic density with social support and social isolation among Chinese immigrants in Philadelphia.** Marilyn Tseng. California Polytechnic University, San Luis Obispo, CA, USA.

**C067 Impact of neighborhood socioeconomic status on survival among young patients with acute leukemia in California.** Lena Winestone. University of California San Francisco Benioff Children's Hospital, San Francisco, CA, USA.

**C068 Association between outdoor air pollution and risk of malignant and benign brain diseases: The Multiethnic Cohort Study.** Anna Wu. University of Southern California, Los Angeles, CA, USA.

**C069 Body mass index, race, and ovarian cancer: characterizing changes after diagnosis and associations with overall survival.** Nneka Anyanwu. Meharry Medical College, Nashville, TN, USA.

**C070 Racial disparities in body mass index and ovarian cancer risk in the OCWAA Consortium.** Elisa Bandera. Rutgers Cancer Institute of New Jersey, New Brunswick, NJ, USA.

**C071 Racial/ethnic disparities in weight, weight-change in adulthood and pancreatic cancer incidence: the Multiethnic Cohort.** Albert Farias. Keck School of Medicine of the University of Southern California, Los Angeles, CA, USA.

**C072 Maximum body mass index and breast cancer incidence in Black women.** Kimberly Bertrand. Boston University, Boston, MA, USA.

**C073 The association between 27-hydroxycholesterol metabolizing enzymes, CYP27A1 and CYP7B1, expression and mortality in a multiethnic U.S. population of breast cancer patients.** Lenora Loo. University of Hawaii Cancer Center, Honolulu, HI, USA.

**C074 Presence of crown-like structures in breast adipose tissue and clinical outcomes among African-American and White breast cancer patients.** Maret Maliniak. Emory University, Atlanta, GA, USA.

**C075 Association of Obesity with Breast Cancer Subtypes among Non-Hispanic Black Women.** Jaleesa Moore. Vanderbilt University Medical Center, Nashville, TN, USA.

**C076 Effect of Obesity and Inflammation on Prostate Cancer Disease Risk and Mortality among African and European American Men.** Margaret Pichardo. Yale School of Public Health, New Haven, CT, USA.

**C077 What do different modeling approaches tell us about the association between migration history and midlife body size and obesity in Latina Women?.** Carmen Rodriguez. Columbia University Mailman School of Public Health, New York, NY, USA.

**C078 Racial/ethnic disparities in Breast Cancer Survival by Subtypes: The Role of Obesity.** Carola T. Sánchez Díaz. University of Illinois at Chicago, Chicago, IL, USA.



**C079 The Association between Metabolic Syndrome and Five Common Types of Cancer Differs by Gender and Race/Ethnicity: Evidence from the National Health and Nutrition Examination Survey.** Lin Zhu. Center for Asian Health, Lewis Katz School of Medicine, Temple University, Philadelphia, PA, USA.

**C080 A Successful Culturally-Tailored Intervention to Empower Low-Income Asian American Women to Conduct Human Papillomavirus Self-Sampling Test.** Lin Zhu. Center for Asian Health, Lewis Katz School of Medicine, Temple University, Philadelphia, PA, USA.

**C081 Introduction of a randomized controlled trial on areca nut/betel quid cessation: The Betel Nut Intervention Trial (BENIT).** Yvette Paulino. University of Guam, Mangilao, Guam, USA.

**C082 The association between breast density and cellular proliferation in obese/overweight Hispanic premenopausal women with features of metabolic syndrome.** Jesse Trujillo. University of Arizona, Tucson, AZ, USA.

**C083 Consumption of lifestyle associated advanced glycation end products promotes prostate tumor growth by creating a tumor enhancing stromal microenvironment.** David Turner. Medical University of South Carolina, Charleston, SC, USA.

**C084 Geographic variation in human papillomavirus (HPV) vaccination initiation and completion among adults in the United States.** Eric Adjei Boakye. Southern Illinois University School of Medicine, Springfield, IL, USA.

**C085 Neighborhood Built Environment was significantly associated with Colorectal Cancer Screening among Underserved Vietnamese American Adults.** Aisha Bhimla. Center for Asian Health, Lewis Katz School of Medicine, Temple University, Philadelphia, PA, USA.

**C086 The effect of length of residence in the US on risk of developing chronic disease in West African male immigrants.** Adaora Ezeani. University of Florida, Orlando, FL, USA.

**C087 The relationship between alcohol, physical activity, and obesity in Mexican-origin adults.** Natalia Heredia. The University of Texas MD Anderson Cancer Center, Houston, TX, USA.

**C088 The importance of the social environment in achieving high levels of physical activity and fruit and vegetable intake in an African American cohort.** Natalia Heredia. The University of Texas MD Anderson Cancer Center, Houston, TX, USA.

**C089 Awareness of non-alcoholic fatty liver disease among Latino participants of community-based health screening.** Shehnaz Hussain. Cedars-Sinai Medical Center, Los Angeles, CA, USA.

**C090 Community-based screening for non-alcoholic fatty liver disease with transient elastography in Latinos without overt liver disease at high risk of hepatocellular carcinoma.** Shehnaz Hussain. Cedars-Sinai Medical Center, Los Angeles, CA, USA.





**C091 Racial/ethnic disparities in awareness and attitudes towards the HPV vaccine among women living in the United States and Puerto Rico.** Nelybeth Santiago Yance. University of Puerto Rico, Medical Sciences Campus, School of Public Health, San Juan, PR, USA.

**C092 Understanding the Cancer Needs of LGBTQ Latinx Communities.** Mayra Serrano. City of Hope, Duarte, CA, USA.

**C093 Considering food policy as a tool for cancer prevention among Latino youth navigating food insecurity.** Celina Valencia. University of Arizona, Tucson, AZ, USA.

**C094 Social support and Pap test uptake among sub-Saharan African immigrant women in the United States.** Adebola Adegboyega. University of Kentucky, Lexington, KY, USA.

**C095 Dense breast notification, breast density awareness and breast cancer-related cognition and emotions in a predominantly Hispanic screening population.** Mariangela Agovino. Columbia University Mailman School of Public Health, New York, NY, USA.

**C096 Influence of Primary Care Connectedness on Early-Stage Cancer Diagnosis among Vulnerable Patients in an Integrated, Safety-Net Setting.** Jessica Austin. UTHealth School of Public Health in Dallas, Dallas, TX, USA.

**C097 Navigation Needs among African Americans.** Oluwole Babatunde. Medical University of South Carolina, Charleston, SC, USA.

**C098 Correlates of cervical cancer screening among Pacific Islander women on Guam and Hawaii.** Grazyna Badowski. University of Guam, Mangilao, Guam, USA.

**C099 Variance in mode of detection for breast cancer by breast density and stage at diagnosis: A pilot study.** Susanna Basappa. Mayo Clinic, Rochester, MN, USA.

**C100 Perceptions of breast cancer screening guidelines and intentions for screening: Qualitative commonalities of and differences between Black and White women age 50-75.** Maggie Britton. University of Houston, Houston, TX, USA.

**C101 Assessing disparities in breast cancer screening attendance in Korean National Cancer Screening Program using population-based data.** Nhung Bui. National Cancer Center Graduate School of Cancer Science and Policy, Goyang, Republic of Korea.

**C104 A Community Guide Systematic Review of Interventions Engaging Community Health Workers to Increase Appropriate Breast, Cervical, and Colorectal Cancer Screening: Findings in Underserved Populations.** Jamaica Cobb. Centers for Disease Control and Prevention, Atlanta, GA, USA.

**C105 Exploring cancer health disparities among formerly incarcerated African Americans.** Vickii Coffey. Governors State University, University Park, IL, USA.



**C106 Multi-level patient navigator led intervention to optimize colonoscopy completion after an abnormal fecal immunochemical test.** Jose Diaz, Monica Hernandez. Family Health Centers of San Diego/University of California San Diego, San Diego, CA, USA.

**C107 Surveillance Mammography and Follow-up care in Black and White Breast Cancer Survivors.** Megan Edmonds. Virginia Commonwealth University, Richmond, VA, USA.

**C108 Sociodemographic determinants of colorectal cancer screening completion among women adherent to mammography screening guidelines.** Deonna Farr. East Carolina University, Greenville, NC, USA.

**C109 Colorectal cancer knowledge and screening status among companions of patients undergoing a colonoscopy: An opportunity for a targeted intervention.** Darrell Gray II. The Ohio State University College of Medicine, Columbus, OH, USA.

**C110 Implementation of an integrated framework for a breast cancer screening and navigation program for under-resourced women.** Vida Henderson. University of Illinois Cancer Center, Chicago, IL, USA.

**C111 Identifying barriers to screening mammography use among low-income women in a public hospital setting in Los Angeles.** Christine Dauphine. Harbor-UCLA Medical Center, Torrance, CA, USA.

**C112 Implementing a colorectal cancer screening intervention in Texas FQHCs: A qualitative evaluation of provider perceptions.** Lynn Ibekwe. The University of Texas Health Science Center at Houston School of Public Health, Center for Health Promotion & Prevention Research, Houston, TX, USA.

**C113 Endoscopic history potentially explains survival differences in Hispanics and Blacks with gastric cancer.** Yu-Chen Lin. Cedars-Sinai Medical Center, Los Angeles, CA, USA.

**C114 Prostate-Specific Antigen (PSA) screening practices before and after the U.S. Preventive Services Task Force (USPSTF) 2012 Recommendations: A focus on Foreign-Born Men.** Jarrett Johnson. National Cancer Institute, Rockville, MD, USA.

**C115 Yale Cancer Disparities Firewall Project: Taking lifestyle change and cancer screening into the community to reduce cancer disparities.** Beth Jones. Yale School of Public Health, Yale Cancer Center, New Haven, CT, USA.

**C116 High risk HPV screening and typing shows high co-infection rate and potential for low vaccine coverage in a low- and middle-income country.** Linda Kennedy. Norris Cotton Cancer Center, Lebanon, NH, USA.

**C117 West Virginia Lung Cancer Project.** Stephenie Kennedy-Rea. West Virginia University Cancer Institute, Morgantown, WV, USA.



**C118 Utilizing health navigators and technology to increase cancer screening and healthy lifestyle: preliminary findings from the Yale Cancer Disparities Firewall Project.** Monique Killins. Yale University, New Haven, CT, USA.

**C119 Cancer screening disparities among rural sexual minority individuals: implication for prevention and policy.** Min Jee Lee. Southern Illinois University School of Medicine, Springfield, IL, USA.

**C120 Evidence-based strategies to enhance colorectal cancer screening in American Indian communities.** Shiraz Mishra. University of New Mexico Health Sciences Center, Albuquerque, NM, USA.

**C121 Cervical cancer knowledge and perceptions among women in Malawi: Qualitative data from a high-burden, low-resource setting.** Corrina Moucheraud. University of California Los Angeles, Fielding School of Public Health, Los Angeles, CA, USA.

**C122 Efficacy of in-language mailers on receipt of colorectal cancer screening among Chinese Americans: A Randomized Controlled Trial.** Tung Nguyen. University of California San Francisco, San Francisco, CA, USA.

**C123 The San Francisco Cancer Initiative: Addressing disparities in colorectal cancer screening in community health centers.** Michael Potter. University of California San Francisco, San Francisco, CA, USA.

**C124 Interventions for increasing colorectal cancer screening uptake among African-American men: A systematic review.** Colin Riley. University of Utah School of Medicine, Salt Lake City, UT, USA.

**C125 Identifying barriers to follow-up colonoscopy completion after an abnormal fecal test: Interviews with gastroenterology staff.** Jennifer Rivelli. Kaiser Permanente Northwest, Portland, OR, USA.

**C126 Challenges implementing anal cancer screening for women living with HIV: Clinical providers and staff perspectives.** Serena Rodriguez. University of Texas Southwestern Medical Center, Dallas, TX, USA.

**C127 Prevalence of human papillomavirus infection in a sample of 21- to 29-year-old women living in Puerto Rico.** Lynnette Ruiz. Ponce Health Sciences University, Ponce, PR, USA.

**C128 The intersection of structural violence, environmental inequalities and family history: study design and methodology.** Molly Scannell Bryan. University of Illinois at Chicago, Chicago, IL, USA.

**C129 Do phone-based discussions about the importance of colorectal cancer screening delivered before a fecal immunochemical test (FIT) mailing improve return rates?.** Jamie Thompson. Kaiser Permanente Center for Health Research, Portland, OR, USA.

**C130 The Cultural Experiences of Gender and Sexual Minorities Accessing Preventative Breast Cancer Screenings: Making Medical Settings More Inclusive to Increase Uptake.** Kristi Tredway. St. Mary's College of Maryland, St. Mary's City, MD, USA.



**C131 Patient compliance with professional society guidelines for surveillance and re-screening following initial screening colonoscopy.** Meng-Han Tsai. California State University, Monterey Bay, Seaside, CA, USA.

**C132 A Multi-Level Approach to Accelerating the Human Papillomavirus (HPV) Vaccine at a Rural Clinic for Native and non-Native Youth.** Moon S. Chen Jr. University of California, Davis Comprehensive Cancer Center, Sacramento, CA, USA.

**C133 Human papillomavirus vaccine recommendations for the medically underserved: A pilot study on provider communication in a safety net clinic.** Kiran Clair. University of California, Irvine, Irvine, CA, USA.

**C135 Notch as an immunologic basis of cancer disparity.** Anil Shanker. Meharry Medical College, Nashville, TN, USA.

**C136 Can Small Area Estimates Explain Variation in Cancer Outcomes? 500 Cities Tobacco Use Estimates and Prostate Cancer Mortality in Philadelphia.** Ann Klassen. Drexel University Dornsife School of Public Health, Philadelphia, PA, USA.

Poster Session D  
 Sunday, September 22, 2019  
 4:30 p.m.-6:30 p.m.

**D002 Associations between multi-level health factors and cancer mortality according to rural residence.** Amy Trentham-Dietz. University of Wisconsin, Madison, WI, USA.

**D003 Validating a population-weighted areal interpolation method to estimate cancer rates across differing geographies.** Jenna Khan-Gates. University of Illinois Cancer Center, Chicago, IL, USA.

**D004 Beyond socioeconomic and racial composition: Association between neighborhood disorder and breast cancer survival.** Jesse Plascak. Department of Biostatistics and Epidemiology, School of Public Health, Rutgers, The State University of New Jersey, Piscataway, NJ, USA.

**D005 Outcomes of a cancer research fellowship program for underrepresented high school students.** Ekenechukwu Akabike. University of California San Diego, San Diego, CA, USA.

**D006 Community Research Collaboration to develop a Promotor-based hereditary breast cancer education program for Spanish-speaking Latinos.** Rebeca Almeida. University of California, San Francisco, CA, USA.

**D007 Mammographic Breast Density and Acculturation: Longitudinal Analysis in Chinese Immigrants.** Rebeca Almeida. California Polytechnic State University, San Luis Obispo, CA, USA.

**D008 Resolving disparities in cancer patient outcomes in Trinidad and Tobago.** Nalisha Monroe. Caribbean Cancer Research Initiative, Santa Cruz, St. George, Trinidad.

**D009 Racial/ethnic disparities in knowledge of Human Papilloma Virus (HPV) and the HPV vaccine among individuals with a regular healthcare provider: Results from the Health Information National Trends Survey, United States, 2017-2018.** Jane Montealegre. Baylor College of Medicine, Houston, TX, USA.

**D010 Developing an inflammatory breast cancer campaign: Results from focus groups led by Komen scholars.** Portia Andrews. North Carolina Central University, Durham, NC, USA.

**D011 Assessing a toolkit and training community health workers to increase colorectal cancer screening rates among Hispanics in New Mexico.** Lila Baca. University of New Mexico, Albuquerque, NM, USA.

**D012 Using Geographic Information Systems Mapping to Target a Cancer Prevention Theater Outreach Program to the Medically Underserved.** Betsy Escobar. Baylor College of Medicine, Houston, TX, USA.

**D013 EHE Foundation.** Medha Deoras-Sutliff. EHE Foundation, Newark, NJ, USA.





**D014 Assessing an Intervention to Increase Cervical Cancer Knowledge and HPV Vaccination Knowledge among Predominantly African American Communities in South Carolina.** Marvella Ford. Medical University of South Carolina, Charleston, SC, USA.

**D015 A Hispanic community's evaluation of the culturally adapted Conexiones program: An inductive analysis of focus groups.** Isela Garcia. New Mexico State University, Las Cruces, NM, USA.

**D016 Colorectal cancer education among ethnic minority populations.** Marisela Garcia. City of Hope, Duarte, CA, USA.

**D017 Leveraging Service Learning to promote Cancer Health Education in Milwaukee Public High Schools.** Kathleen Jensik. Medical College of Wisconsin, Milwaukee, WI, USA.

**D018 Dietary and Cultural Practices of Minorities in New York City as an indicator of Colorectal Cancer Screening Behavior and Screening Intent.** Cicely Johnson. Hunter College - Center for Cancer Health Disparities Research, New York, NY, USA.

**D019 SGM Cancer CARE: Creating a Health Workforce Trained to Conduct Sexual and Gender Minority (SGM) Affirmative Research from Prevention to Survivorship.** Miria Kano. University of New Mexico, Albuquerque, NM, USA.

**D020 Addressing the needs of Cedars-Sinai Cancer's catchment area: cancer screening compliance among the Korean community in Los Angeles.** Dong Hee Kim. Research Center for Health Equity, Samuel Oschin Comprehensive Cancer Institute, Cedars Sinai Medical Center, Los Angeles, CA, USA.

**D021 Chinese E-Women Project: A community-based approach to improving breast cancer knowledge among Chinese American women.** Alice Lee. California State University, Fullerton, Fullerton, CA, USA.

**D022 A Novel Strategy to Assess Impact of Community Outreach and Education Activities for Hispanic Communities: the Preliminary Results of the CONTINUAR protocol.** Jomar Lopez. Moffitt Cancer Center & Research Institute, Tampa, FL, USA.

**D023 Eat, move, live: a community-based intervention strategy aimed at reducing the perceived barriers toward healthy eating through tailored modifications in lifestyle and nutrition.** Katty Nerio. City of Hope, Duarte, CA, USA.

**D024 Evaluating Cultural Contexts in Social Support Instruments Used with African American Cancer Survivors: a Systematic Review.** Shaila Strayhorn. University of Illinois at Chicago, Chicago, IL, USA.

**D025 "Place it in God's Hands": Exploring the Influence of Sources of Social Support and Religious Coping Practices of African American Breast Cancer Survivors.** Shaila Strayhorn. University of Illinois at Chicago, Chicago, IL, USA.

**D026 Correlates of Lifestyle Behaviors to Prevent Colorectal Cancer among Low-Income Vietnamese Americans.** Minsun Lee. Center for Asian Health, Lewis Katz School of Medicine, Temple University, Philadelphia, PA, USA.



**D027 Disparities in HPV awareness and knowledge of HPV associated cancers.** Robel Tesfay. National Cancer Institute Center of Global Health, Rockville, MD, USA.

**D028 Evaluating Medical and Dental Students' Human Papillomavirus-Related Cancer Knowledge and Perceived Self-Efficacy in HPV Vaccine Communication and Recommendation Practices.** Essie Torres. East Carolina University, Greenville, NC, USA.

**D029 What do Veterans ages 27 years and older know and think about the HPV vaccine?.** Lisa T Wigfall. Texas A&M University, College Station, TX, USA.

**D030 Arguments in favor and against the new HPV school entry implementation in Puerto Rico: content analysis of online media coverage.** Glizette O. Arroyo-Morales. University of Puerto Rico, Medical Sciences Campus, School of Public Health, San Juan, PR, USA.

**D031 Developmental Evaluation Model for the Florida-California CaRE2 Health Equity Center.** Nissa Askins. University of Florida, Lake Nona, FL, USA.

**D032 Characterizing county-level community context, patient-caregiver networks, and social functioning among rural cancer survivors and caregivers: Preliminary data from the Illinois Rural Cancer Assessment.** Leslie Carnahan. University of Illinois at Chicago, Chicago, IL, USA.

**D033 High intensity interval training is feasible in Hispanic patients with breast cancer undergoing anthracycline chemotherapy.** Christina Dieli-Conwright. City of Hope, Los Angeles, CA, USA.

**D034 Patient and provider concordance and trust in providers among West African Immigrants: Findings from the CaPTC Familial Cohort Study.** Adaora Ezeani. University of Florida, Orlando, FL, USA.

**D035 Tracking of undergraduate research trainees for continuous improvement of the ReTOOL program.** Parisa Fathi. University of Florida, Orlando, FL, USA.

**D036 Assessing Underrepresented and Health Disparities Investigators' Interests and Needed Research Support in Emerging Areas of Science.** Linda Fleisher. Fox Chase Cancer Center, Philadelphia, PA, USA.

**D037 Training the next generation of undergraduate URM cancer scientists: Results and lessons learned from a cancer research Partnership Scholar Program.** Elinor Gaida. San Diego State University, University of California San Diego Cancer Center Comprehensive Partnership, San Diego, CA, USA.

**D038 MTPCCR lives on! After 20 successful years - a new phase for the cancer diversity training program.** Marjorie Kagawa-Singer. University of California Los Angeles, Los Angeles, CA, USA.

**D039 Student-centered Pipeline to Advance Research in Cancer Careers (SPARCC): A new program to increase underrepresented minorities in clinical cancer research careers.** Kristina Kaljo. Medical College of Wisconsin, Milwaukee, WI, USA.



**D040 University of Guam/University of Hawaii Cancer Center Partnership: Sixteen years of progress in addressing cancer health disparities in Pacific Islanders.** Rachael Leon Guerrero. University of Guam, Mangilao, Guam, USA.

**D041 Efforts to implement a participatory evaluation plan for Comprehensive Partnerships to Advance Cancer Health Equity.** Jessica McIntyre<sup>1</sup>, Anthony Barrios<sup>2</sup>. <sup>1</sup>Moffitt Cancer Center, Tampa, FL, USA, <sup>2</sup>San Diego State University, San Diego, USA.

**D042 Perceptions and barriers to physical activity among Latino adults.** Rosenda Murillo. University of Houston, Houston, TX, USA.

**D043 Éxito!: Building a new pipeline of Latino doctors and cancer researchers.** Arely Perez. UT Health San Antonio, San Antonio, TX, USA.

**D044 Age and sex effects on quantitative sensory testing Values in healthy African American adults.** Keesha Powell-Roach. University of Florida, Gainesville, FL, USA.

**D045 Content analysis of online media coverage of the Human papillomavirus vaccine as a school-entry policy in Puerto Rico.** Vilnery Rivera-Figuera. University of Puerto Rico, Medical Sciences Campus, School of Public Health, Department of Health Administration, Evaluative Research of Health Systems Program, San Juan, PR, USA.

**D046 Supportive care needs in diverse cancer patients treated at a Comprehensive Cancer Center.** Kelsey Shore. Wake Forest Baptist Comprehensive Cancer Center, Winston-Salem, NC, USA.

**D047 Human papillomavirus school-entry vaccination mandate in Puerto Rico: Barriers and facilitators from the perspective of key informants.** Roxana Soto-Abreu. Comprehensive Cancer Center, Division of Cancer Control and Population Sciences, San Juan, PR, Puerto Rico.

**D048 Social support, quality of life and mental health factors affecting Filipino cancer survivors.** Annalyn Valdez-Dadia. California State University, Dominguez Hills, Carson, CA, USA.

**D049 Establish Patient Derived Pancreatic Cancer Cell Organotypic Models for Personalized Drug Treatment.** Bo Han. University of Southern California, Los Angeles, CA, USA.

**D050 Enhancing efficacy of modified-gemcitabine nanoparticles in pancreatic PDX model.** Andriana Inkoom. Florida A&M University, Tallahassee, FL, USA.

**D051 Targeting ubiquitin receptor ADRM1 for the treatment of quadruple negative breast cancer.** Balasubramanyam Karanam. Tuskegee University, Tuskegee, AL, USA.

**D052 Pharmacokinetic analysis of co-formulation of calcipotriol and paclitaxel for pancreatic ductal adenocarcinoma shows reduced systemic exposures and eliminations: Implications for safety and efficacy.** Victor Lincha. University of Houston, Houston, TX, USA.



**D055 Molecular mechanisms of cisplatin-induced toxicity to acute promyelocytic leukemia cells.** Paul Tchounwou. Jackson State University, Jackson, MS, USA.

**D056 Differences in breast cancer survival by race, age, and tumor estrogen receptor status.** Ewune Ewane. UT Health M.D. Anderson Cancer Center, Houston, TX, USA.

**D057 Impact of antibiotic exposure on the overall survival in patients receiving immune checkpoint inhibitors: Does race matter?.** Armani Hayes. Edward Waters College, Jacksonville, FL, USA.

**D058 Truth Talking Tour: Women's Sexuality after Cancer.** Candace Henley. Blue Hat Foundation, Chicago, IL, USA.

**D059 Bridge to Good Living: Thriving beyond lung cancer in West Virginia.** Stephenie Kennedy-Rea. West Virginia University Cancer Institute, Morgantown, WV, USA.

**D060 Impact of physical activity and sleep quality on quality of life in rural cancer survivors in central Pennsylvania.** Scherezade Mama. The Pennsylvania State University, University Park, PA, USA.

**D061 Long term socioeconomic status of childhood leukemia survivors and their family in a universal healthcare coverage system: A PETALE Study.** Sophie Marcoux. Université de Montréal, Montréal, Québec, Canada.

**D062 Mechanistic Insights into Phase 1b/2 study of Chitosan for Pharmacologic Manipulation of AGE (Advanced Glycation Endproducts) Levels in Prostate Cancer Patients.** Shanora Brown. South Carolina State University, Orangeburg, SC, USA.

**D063 Intratumoral macrophage analysis and characterization of HER2+ pretreatment breast tumor biopsy using multiplex immunofluorescence.** Emmaly Gutierrez. Stony Brook University, Stony Brook, NY, USA.

**D064 Race-related RNA splicing dysregulation of PI3Kd signaling: a therapeutic target for aggressive prostate cancer.** Bonnie LaCroix. Duke Cancer Institute, Durham, NC, USA.

**D065 Investigating the Interplay of monocytes in the tumor microenvironment of glioblastomas.** Maryam Tayyab. Stony Brook University, Stony Brook, NY, USA.

**D066 A prospective study on chemotherapy induced anemia using serial hemoglobin measurement in cancer patients undergoing treatment at National Hospital Abuja, Nigeria.** Simeon Aruah. National Hospital Abuja, Abuja, FCT Abuja, Nigeria.

**D067 The REACT study: a feasibility study to develop and test the integration of a California Cancer Registry Early Case Ascertainment process via electronic pathology reporting with an online Clinical Trial matching tool.** Hala Borno. University of California, San Francisco, San Francisco, CA, USA.

**D068 Estimating cancer burden among HIV-infected patients treated at Boston Medical Center between 2005-2016.** Colin Burnett. Boston University School of Public Health, Boston, MA, USA.

**D069 Does adherence to National Comprehensive Cancer Network (NCCN) practice guidelines improve survival?.** Kiran Clair. University of California, Irvine, Irvine, CA, USA.

**D070 Examining medical providers' involvement in diabetes and hypertension clinical care management of Black breast cancer patients.** Michelle Doose. Rutgers School of Public Health, Piscataway, NJ, USA.

**D071 Impact of Racial Differences in Financial Burden on Time to Treatment.** Wendi Elkins. University of North Carolina Chapel Hill, Chapel Hill, NC, USA.

**D072 Challenges providing gynecologic cancer care for women in Puerto Rico after the impact of hurricanes Irma and Maria: Findings from Key Informant Interviews.** Sandra García-Camacho. Cancer Control and Population Sciences Division, University of Puerto Rico Comprehensive Cancer Center, San Juan, PR, USA.

**D073 Combination of insulin-like growth factor-1 receptor/insulin receptor (IGF1R/IR) and androgen receptor (AR) antagonists with metformins inhibit triple-negative breast cancer (TNBC) progression in vitro and in vivo.** Nalo M. Hamilton. UCLA School of Nursing, Los Angeles, CA, USA.

**D074 Variations in genomic testing across cancer sites and by demographic characteristics.** Siran Koroukian. Case Western Reserve University, Cleveland, OH, USA.

**D075 Investigating the immuno-biology underlying differential response to immunotherapy in White and non-White patients with metastatic acral melanoma.** Kaysia Ludford. The University of Texas MD Anderson Cancer Center, Houston, TX, USA.

**D076 Florida-California Cancer Health Disparity Research, Education & Engagement (CaRE2) Center: Research Education Overview and Preliminary Results.** Bereket Mochona. Florida A&M University, Tallahassee, FL, USA.

**D077 Sociodemographic and Geographic Disparities in Treatment for Early Stage Non-Small Cell Lung Cancer (NSCLC) Patients in California.** Chelsea Obrochta. San Diego State University/ University of California, San Diego, San Diego, CA, USA.

**D078 Unlocking the vault: Can 2nd opinions by Comprehensive Cancer Center breast oncologists improve treatment quality for African Americans?.** Rena Pasick. UCSF, San Francisco, CA, USA.

**D079 Oncologists' approach in managing pre-existing chronic comorbidities during patients' active cancer treatment.** Dudith Pierre-Victor. National Cancer Institute, Bethesda, MD, USA.

**D080 Securing the cancer continuum of care model for racially and ethnically diverse and medically underserved populations.** Jeanne Regnante. Sustainable Healthy Communities, Washington, DC, USA.





**D081 Geographic relationship between lung cancer clinical trial sites and patient prevalence and demographics in the Medicare Fee-for-service program.** Jeanne Regnante. Sustainable Healthy Communities LLC, Washington, DC, USA.

**D083 Care burden of informal caregivers of African American cancer survivors.** Julie Ruterbusch. Wayne State University, Detroit, MI, USA.

**D084 Overall survival (OS) of African-American (AA) and Caucasian (CAU) men who received sipuleucel-T for metastatic castration-resistant prostate cancer (mCRPC) - final PROCEED analysis.** Oliver Sartor. Tulane Medical School, New Orleans, LA, USA.

**D085 Differences in the use of proton beam therapy among patients diagnosed with American Society for Radiation Oncology Group 1 proton beam therapy indication cancer types in the United States.** Helmneh Sineshaw. American Cancer Society, Atlanta, GA, USA.

**D086 Assessing patient-level knowledge of precision medicine in a community health center setting.** Melinda Aldrich. Vanderbilt University Medical Center, Nashville, TN, USA.

**D087 Racial/ethnic differences in ovarian cancer incidence and mortality among adult women in the United States, 2001-2016.** Fangjian Guo. University of Texas Medical Branch, Galveston, TX, USA.

**D088 Analysis of tumor mutational burden, cancer immunotherapy use and outcomes based on genomic ancestry in non-small cell lung cancer patients treated in community practice in the United States.** Uzor Ogbu. Genentech, South San Francisco, CA, USA.

**D090 CAN EXPOSURE TO ENVIRONMENTAL CHEMICAL AND BIOLOGICAL AGENTS INCREASE THE RISK OF PROSTATE CANCER AND ITS OUTCOMES?.** Georges Adunlin. McWhorter School of Pharmacy, Samford University, Birmingham, AL, USA.

**D091 The impact of distance to hospital on cervical cancer outcomes.** Sejong Bae. University of Alabama at Birmingham, Birmingham, AL, USA.

**D092 Racial disparities in HIV-associated lymphoma.** Gregory Calip. University of Illinois at Chicago, Chicago, IL, USA.

**D093 Who carries the excess cancer risk burden: Implications of disparities in polycyclic aromatic hydrocarbon exposure.** Larisa Gearhart-Serna. Duke University School of Medicine, Durham, NC, USA.

**D094 Associations among state-level racial inequality, individual-level unfair treatment, and incident breast cancer in a risk-enriched cohort.** Erin Linnenbringer. Washington University School of Medicine, St. Louis, MO, USA.

**D095 Plasma levels of polychlorinated biphenyls (PCBs) and breast cancer mortality: The Carolina Breast Cancer Study.** Humberto Parada. San Diego State University, San Diego, CA, USA.



**D096 Disparities in toxic heavy metal burden and breast cancer risk: Findings from the Metropolitan Chicago Breast Cancer Registry.** Garth Rauscher. University of Illinois at Chicago, Chicago, IL, USA.

**D097 Association between high mammographic density and environmental chromium and arsenic exposure in a pilot study of women living in rural communities.** L. Joseph Su. University of Arkansas for Medical Sciences, Little Rock, AR, USA.

**D099 Excess burden of major cancer risk factors in racial/ethnic minority adult cancer survivors in the United States (2005 – 2016).** Chinenye Ugoji. Johns Hopkins Bloomberg School of Public Health, Baltimore, MD, USA.

**D100 Exposure to phthalates and risk of invasive breast cancer: the Multiethnic Cohort Study.** Anna Wu. University of Southern California, Los Angeles, CA, USA.

**D101 Breast cancer in Black women: Do risk factors differ for those who have a family history of breast cancer?.** Gary Zirpoli. Slone Epidemiology Center at Boston University, Boston, MA, USA.

**D102 Lower acculturation is associated with lower aerobic physical activity among recent Latino immigrant cancer survivors.** Shreya Desai. University of Houston, Houston, TX, USA.

**D103 Retrospective study of patients with esophageal squamous cell carcinoma in an urban safety net county hospital.** Divya Ayyala. LAC USC, Los Angeles, CA, USA.

**D104 Presentation, Treatment, and Survival of Hepatocellular Carcinoma (HCC) in a Diverse Population: Experience of A Single Transplant Center.** Afsaneh Barzi. USC, Los Angeles, CA, USA.

**D105 Differences in receipt of surgery contribute to survival disparities in esophageal and gastric cancers.** John Bliton. Montefiore Medical Center, Department of Surgery, Bronx, NY, USA.

**D106 Divergent biology in ethnically diverse populations is central to health disparities in pancreatic ductal adenocarcinoma.** Miles Cameron. University of Florida Health Sciences Center, Gainesville, FL, USA.

**D107 Intratumoral heterogeneity in Latino gastric adenocarcinomas.** Luis Carvajal Carmona. University of California Davis, Davis, CA, USA.

**D108 Developing Precision Medicine Approaches to Address Liver Cancer Disparities.** Yvonne Flores. UCLA, Los Angeles, CA, USA.

**D109 *Helicobacter pylori* infections in Navajo communities of Northern Arizona.** Robin Harris. University of Arizona Cancer Center, Tucson, AZ, USA.

**D110 Same patient, Different tumor. Does heterogeneity of pancreatic cancer matter? Differences in growth rates of patient-derived xenografts from individual patients.** Michael Maduka. University of Florida College of Medicine, Gainesville, FL, USA.



**D111 Incidence and survival patterns of gastroenteropancreatic neuroendocrine neoplasms in California.** Alan Paciorek. UCSF, San Francisco, CA, USA.

**D112 Development of an organoid assay for studying racial disparity in pancreatic acinar ductal metaplasia.** Thomas Schmittgen. University of Florida, Gainesville, FL, USA.

**D113 Socioeconomic disparities underlie outcomes in patients with pancreatic neuroendocrine tumors.** Patrick Underwood. University of Florida College of Medicine, Gainesville, FL, USA.

**D114 VITAMIN D SIGNALING OF IMMUNE-RELATED GENES IN DIVERSE PROSTATE CANCER CELL LINES.** Leanne Burnham. City of Hope National Medical Center, Duarte, CA, USA.

**D115 The interplay between rurality-urbanicity and race in prostate cancer risk, treatment, and survival in the United States.** Eboneé Butler. National Cancer Institute, Bethesda, MD, USA.

**D116 Glucocorticoid receptor interacts with beta-catenin to promote stemness and therapy resistance in prostate cancer cells.** Carlos Casiano. Loma Linda University School of Medicine, Loma Linda, CA, USA.

**D117 Differential reactivity and cell migration inhibitory functions of autoantibodies to Enolase 1 from African American and European American men with prostate cancer.** Carlos Casiano. Loma Linda University School of Medicine, Loma Linda, CA, USA.

**D118 Insulin receptor splicing regulation as a potential target for improved prostate cancer disparity outcomes.** Dawn Chandler. Nationwide Children's Hospital, Columbus, OH, USA.

**D119 Association of renal cell carcinoma subtypes with race/ethnicity and comorbid medical conditions.** Iona Cheng. University of California San Francisco, San Francisco, CA, USA.

**D120 Similarities and differences between genomic profiles of prostate cancers from African American and European American men with implications for precision cancer medicine.** Campbell Joshua. Boston University School of Medicine, Boston, MA, USA.

**D121 Predicting African American and European American patient response to kidney cancer immunotherapy by stage using the tumor microenvironment.** Khadijah A. Mitchell. Lafayette College, Easton, PA, USA.

**D123 The intersection of race and delivery of guideline-based: How treatment disparities drive racial disparities in muscle-invasive bladder cancer.** Samuel Washington. University of California San Francisco, San Francisco, CA, USA.

**D124 Racial differences in adverse pathology amongst men with prostate cancer at time of radical prostatectomy.** Samuel Washington. University of California San Francisco, San Francisco, CA, USA.

**D125 Disparities in cervical cancer mortality across the Siberian related ethnic regions: the Republic of Sakha, the Republic of Khakassia, Buryatia, the Altai Republic and Tuva (2007-2017).** Irina Kononova. Yakut Science Centre of complex medical problems, Yakutsk, the Republic of Sakha, Russia.



**D126 Racial disparities among patients with carcinoma of the cervix.** Toms Vengaloor Thomas. University of Mississippi Medical Center, Jackson, MS, USA.

**D127 Is there a racial disparity in the prognosis of hypopharyngeal carcinoma? 25-year experience from a tertiary care medical center in the United States.** Toms Vengaloor Thomas. University of Mississippi Medical Center, Jackson, MS, USA.

**D128 Oropharyngeal cancer incidence-based mortality trends in the United States, 1985-2016.** Nosayaba Osazuwa-Peters. Saint Louis University School of Medicine, Saint Louis, MO, USA.

**D129 The salivary proteome of african american and white american males diagnosed with laryngeal cancer.** Derek Wagner. Meharry Medical College, Nashville, TN, USA.

**D130 The importance of closing the gap in cancer disparities.** Kimberly Alexander. Independent Advocate, Frisco, TX, USA.

**D131 Multiple myeloma in Puerto Rico.** Marisel Brignoni. dot4life, San Juan, Puerto Rico.

**D132 The association between Insurance and lung cancer survival: the relative contributions of sociodemographic, tumor, treatment, and neighborhood factors.** Ying Liu. Washington University School of Medicine, St. Louis, MO, USA.

**D133 Development of a racially/ethnically diverse collection of immortalized lung epithelial cell lines to model lung adenocarcinoma development and drug resistance across population groups.** Ite Offringa. University of Southern California, Los Angeles, CA, USA.

**D134 Patterns of EGFR mutation testing among patients with metastatic lung cancer in a safety-net hospital.** Ana I Velazquez. University of California, San Francisco, San Francisco, CA, USA.

**D135 Early low-dose lung cancer screening education.** David R. Reese. Independent Advocate, Athens, TN, USA.