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


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.


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.


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. Karmanos 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. Wenyue 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.


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. Adriena 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.


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, Gyungsangnam-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 Djiake 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.


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.


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.


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.


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.


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.


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 Shafaee. 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.


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.


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.


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.


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.

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.


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.


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.


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.


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


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.


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.


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.


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. 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 Toxicologica Research, Jefferson, AR, USA.

B126 The Will Rogers phenomenon in breast cancer: The AJCC 8th 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.
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.


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.


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.


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.


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.


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.


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. Ilkania 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.


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.


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.


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.

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.

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.


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. Shehzad 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. Shehzad 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.


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.


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. Deeonna 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.


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.

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, 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.


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


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.


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.


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 McIntyre¹, Anthony Barrios². ¹Moffitt Cancer Center, Tampa, FL, USA, ²San 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.


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.


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


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.

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.


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.


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 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.

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


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.


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.


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