A001 Improving Cancer Germline Testing in Rural Appalachian Populations with ORIEN. Jill Kolesar. 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.

A008 Racial Differences in Patterns of Health Care Access in a Cohort of Cancer Survivors: A Latent Profile Analysis Approach. Cleo Samuel. Department of Health Policy and Management, Gillings School of Global Public Health and Lineberger Comprehensive Cancer Center, University of North Carolina at Chapel Hill, Chapel Hill, NC, USA.

A009 Explaining Racial Disparities in Cancer-Related Pain: Are They Driven by Health Care Access or Social Determinants of Health?. Cleo Samuel. Department of Health Policy and Management, Gillings School of Global Public Health and Lineberger Comprehensive Cancer Center, University of North Carolina at Chapel Hill, Chapel Hill, 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.
A025 **Sociodemographic patterns of health related internet use among adults in the United States: A HINTS Analysis.** Marlene Camacho-Rivera. City University of New York School of Medicine, New York, NY, 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.** 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. Lilnabeth Somera. 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.** Samuel Carbunaru. 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.** Samuel Carbunaru. 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.** Meera Srivastava. 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.

A086 Leveraging surface Hsp90 expression as an enhancement to breast cancer diagnosis at the point-of-care. Roujia Wang. Duke University, Durham, 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. Karuna Mittal. 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.

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.

A103 **New perspectives of racial disparities in breast cancer mortality through the care continuum.** Lindsay Collin. Emory University, Atlanta, GA, 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.

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.

A113 Smoking Rates at Time of Lung Cancer Diagnosis at an Academic Medical Hospital. Lillian Man. Sidney Kimmel Cancer Center, Philadelphia, PA, 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.


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.
A122 **Socioeconomic influences on trastuzumab usage in underserved population from hilly regions of north India.** Rajesh Pasricha. All India Institute of Medical Sciences, (AIIMS) Rishikesh, Rishikesh, Utrtrakhand, India.


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 Shafae. 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.