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. Tanaia Marshall. 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.** Leslie 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. Wambui Gathirua-Mwangi. Indiana University, Indianapolis, IN, 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. Shehnaz Hussain. Cedars-Sinai Medical Center, Los Angeles, CA, USA.

C090 Community-based screening for non-alcoholic fatty liver disease with transient elastography in Latinos without overt liver disease at high risk of hepatocellular carcinoma. Shehnaz Hussain. Cedars-Sinai Medical Center, Los Angeles, CA, USA.
C091 Racial/ethnic disparities in awareness and attitudes towards the HPV vaccine among women living in the United States and Puerto Rico. Nelybeth Santiago Yance. University of Puerto Rico, Medical Sciences Campus, School of Public Health, San Juan, PR, USA.

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


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. Janell Holloway. Charles Drew Univ/UCLA, Los Angeles, 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.