18th AACR Conference on
THE SCIENCE OF CANCER HEALTH DISPARITIES
September 18 – 21 | Baltimore, MD

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POSTER LISTING

POSTER SESSION A
POSTER SESSION B
POSTER SESSION C

Current as of September 13, 2025

Poster Session A

Thursday, September 18

7:00-8:30 p.m.

A001   Community outreach and engagement internship: Fostering student engagement for lasting community impact. Aisha Choudhri, Georgetown University, Washington, District of Columbia.

A002   Transportation-driven delays in medical care among cancer survivors. Eric Adjei Boakye, Henry Ford Health, Detroit, Michigan.

A003   Exploring relationships between social determinants of health. Eric Adjei Boakye, Henry Ford Health, Detroit, Michigan.

A004   Lived experiences and systemic barriers in lung cancer surgery: Perspectives from caregivers, clinicians, and administrators on social determinants of health. Loretta Erhunwunsee, City of Hope Comprehensive Cancer Center, Duarte, California.

A005   Global evidence of health-related social needs and distress among cancer survivors: A scoping review of food, housing, and transportation insecurity. Suraj M. Rajan, UC San Diego School of Medicine (Center for Health Equity Education & Research), La Jolla, California.

A006   Barriers to breast cancer screening among adult female immigrants in Indianapolis: Insights from the Indy Muslim MENA and SSA Immigrant survey. Olanrewaju Onigbogi, Indiana University, Indianapolis, Indiana.

A007   Treatment setting, socio-demographic factors, and survival of patients with mature lymphoid malignancies (MLM). Ted O. Akhiwu, MedStar Health Georgetown University Internal Medicine Program, Baltimore, Maryland.

A008   Counterfactual analysis of the impact of insurance type on ovarian cancer mortality according to race/ethnicity; a population-based study of the California Cancer Registry, 2010-2019. Mindy C. DeRouen, New Mexico State University, Las Cruces, New Mexico.

A009   Social determinants of health associated with multiple myeloma incidence and survival among a low-income cohort in the Southeastern US. Anna Junkins, Vanderbilt University Medical Center, Nashville, Tennessee.

A010   Improving social determinants of health (SDoH) screening and intervention in a pediatric hematology/oncology clinic: A quality improvement initiative. Karyssa S. Knopoff, University of Chicago, Chicago, Illinois.

A011   Poor cognitive function and social isolation contribute to cancer and Alzheimer's Disease risk in midlife and older Black adults living in a persistent poverty community. Scherezade K. Mama, The University of Texas MD Anderson Cancer Center, Houston, Texas.

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A012   Pancreatic cancer mortality among the homeless in the United States: A CDC WONDER-based proxy analysis of place of death and demographic patterns, 1999–2020. Abdu Mohammed, Trinity Health System OH, Steubenville, Ohio.

A013   Intersecting inequities: Neighborhood deprivation, psychological distress, and financial burden among pediatric and aya patients with a solid tumor diagnosis and their caregivers. Sonia Morales, Children's Hospital of Orange County, Orange, California.

A014   Endocrine therapy adherence patterns in the Carolina Breast Cancer Study using latent class analysis. Srijon Mukhopadhyay, University of North Carolina at Chapel Hill, Chapel Hill, North Carolina.

A015   Social vulnerability and breast cancer incidence in the United States: A county-level bivariate analysis. Anna Marie Pavy, University of South Carolina, Columbia, South Carolina.

A016   Influence of socioeconomic status on physical and psychological wellbeing during the cancer care continuum: A longitudinal and regression analysis of cancer patients in New Delhi, India. Ishaan Rahman, King's College London, London, United Kingdom.

A017   Assessing the impact of non-medical drivers of health on cancer survivorship in Hispanic/Latina women. Derek Rodriguez, UT Health San Antonio, San Antonio, Texas.

A018   Examination of longitudinal changes in work ability by race and income in men undergoing curative treatment for prostate cancer (PCW-1802). Joanne C. Sandberg, Wake Forest University School of Medicine, Winston-Salem, North Carolina.

A019   Social risk factor burden among cancer survivors across adulthood: Insights from a descriptive analysis of national survey data. Ami E. Sedani, UTHealth Houston School of Public Health, Dallas, Texas.

A020   Engagement with text message-based social needs screening among cancer survivors in urban oncology settings. Marjanna Smith, MedStar Health Research Institute, Washington, District of Columbia.

A021   Barriers and opportunities for out-of-school-time physical activity among children in a persistent poverty area of Houston, Texas. Andrew E. Springer, The University of Texas Health Science Center at Houston (UTHealth) School of Public Health-Austin/Dell Center for Healthy Living, Austin, Texas.

A022   Prostate cancer stage and grade among diverse populations in Southeastern Pennsylvania. Rickisa Yearwood, Fox Chase Cancer Center, Philadelphia, Pennsylvania.

A023   Exploring weight change among Black breast cancer survivors: A pilot study of 'Survivors RESET'. Ana Paula Rodrigues, University of South Florida, Tampa, Florida.

A024   Whole person survivorship: Multilevel distress in prostate cancer survivors from priority communities. Kimlin Ashing, City of Hope Comprehensive Cancer Center, Duarte, California.

A025   Exploring loneliness and other social and clinical predictors of c-reactive protein in African American breast cancer survivors. Kelsie Campbell, University of Southern California, Los Angeles, California.

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A026   Assessing feasibility and acceptability of a stress-management enhanced behavioral weight loss intervention for black female breast cancer survivors. Ashley J. Cooper, Moffitt Cancer Center, Tampa, Florida.

A027   Acceptability of a culturally adapted mindfulness-based intervention for Hispanic cancer patients and their family caregivers. Larkin Strong, The University of Texas MD Anderson Cancer Center, Houston, Texas.

A028   Cancer as a social variable for intersectionality. Kristi Tredway, Oregon Health & Science University, Portland, Oregon.

A029   Multilevel barriers and facilitators to gynecologic oncology care: A stakeholder analysis. Danyel I. Smith, Georgetown Lombardi Comprehensive Cancer Center, Washington, District of Columbia.

A030   Tumor-associated calcium signal transducer 2 is consistently upregulated in colorectal cancer in people of African ancestry. Seidu Adams, Michigan State University, East Lansing, Michigan.

A031   Population-specific WNT pathway and MYC dysregulation in early-onset colorectal cancer. Francisco G. Carranza, City of Hope, Beckman Research Institute, Duarte, California.

A032   Exploring ZBTB33 (KAISO) binding profiles in aggressive prostate cancer cells. Shahjalal Chowdhury, Tuskegee University, Tuskegee, Alabama.

A033   HMGA2 as a ferroptosis regulator: Implications for targeted therapy in prostate cancer. Precious Elechi Dike, Morgan State University, Baltimore, Maryland.

A034   SRPK1-mediated distinct transcriptomic reprogramming in cervical cancer: Insights into splicing regulation in the African context. Zodwa Dlamini, SAMRC/UP Precision Oncology Research Unit, DSTI/NRF SARChI Chair in Precision Oncology (POCP) and Cancer Prevention, Pan African Cancer Research Institute (PACRI), University of Pretoria, Pretoria, South Africa.

A035   Opposing effects of African ancestry and mismatch-repair enzyme deficiency/microsatellite instability-high in colorectal adenocarcinoma. Dimitri F. Joseph, Michigan State University, East Lansing, Michigan.

A036   Unlocking a potential genomic signature associated with disparate head and neck squamous cell carcinoma (HNSCC) outcomes. Chayil C. Lattimore, University of Florida, Gainesville, Florida.

A037   Retrospective analysis of ancestry-driven disparities in tumor biology: Insights from combined genomic breast cancer datasets. Rachel Martini, Morehouse School of Medicine, Atlanta, Georgia.

A038   Interrogating the immune and tumor signatures underlying endometrial cancer disparities in Black/African American women. Danyelle Paine, Beckman Research Institute, Duarte, California.

A039   Colorectal cancer in Hispanic and Latino populations: Genetic similarity and molecular drivers identified via multi-omics analysis. Brigette Waldrup, City of Hope, Beckman Research Institute, Department of Integrative Translational Sciences, Duarte, California.

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A040   BMS-754807 inhibits the survival of triple-negative breast cancer tumors by regulating cargo in small extracellular vesicles (sEV). Nalo M. Hamilton, UCLA School of Nursing, Los Angeles, California.

A041   Mutation difference between African American, Asian and White lung adenocarcinoma patients. Musaffe Tuna, Baylor College of Medicine, Houston, Texas.

A042   Hotspot mutations difference between gender and early- and late-onset lung adenocarcinoma patients. Musaffe Tuna, Baylor College of Medicine, Houston, Texas.

A043   LRIG1: A novel molecular switch for overcoming endocrine resistance in estrogen-receptor positive breast cancer. Kayla S. Ingram, Johns Hopkins University, Baltimore, Maryland.

A044   Kaiso regulates the suppressive immune TME in TNBC. Malik McRae, The Johns Hopkins University School of Medicine, Baltimore, Maryland.

A045   The functional role of UBASH3B in HPV-head and neck squamous cell carcinoma and implications on racial disparities. Madeleine Ndahayo, University of Maryland, Baltimore, Baltimore, Maryland.

A046   LRIG1 as a molecular driver of breast cancer disparities: Evidence from genetic and functional studies. Angel H. Pajimola, Johns Hopkins Bloomberg School of Public Health, Baltimore, Maryland.

A047   Differential regulation of LRIG1 and tumor suppressive pathways in ancestrally distinct ER-negative breast cancer cell lines. Amber Yu, Johns Hopkins University, Baltimore, Maryland.

A048   Understanding the molecular mechanisms of cervical carcinogenesis caused by rare human papillomavirus types. Tawnjerae Joe, National Cancer Institute, National Institutes of Health, Rockville, Maryland.

A049   Characterization of the immune tumor microenvironment and its association with cervical cancer health disparities. Karissa Becknel, The Johns Hopkins University School of Medicine, Baltimore, Maryland.

A050   Characterizing the importance of the interaction between complement component C1q in the tumor microenvironment and colorectal cancer. Jianna R. Carter, Stony Brook University, Stony Brook, New York.

A051   Immunosenescence driven T-cell remodeling may underlie increased risk of Multiple Myeloma in African Americans. Alani Perkin, Mayo Clinic Graduate School of Biomedical Sciences, Rochester, Minnesota.

A052   Food insecurity and cancer risk in an under-represented community. Mireille Bright, Georgetown University, Washington, District of Columbia.

A053   Prevalence of diabetes and indicators influencing metabolic syndrome in the Cucapah Community, Mexicali, Baja California, Mexico. Daniela Gonzalez Valencia, Universidad Autonoma de Baja California, Mexicali, Baja California, Mexico.

A054   Fast food, slow burn: The inflammatory impact of food swamps. Caitlyn R. Grunert, University of Kentucky, Lexington, Kentucky.

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A055   Adapting a nutrition education and counseling intervention for diet-related cancer prevention in low-resource HIV care settings: A case study from Uganda. Gloria Guevara Alvarez, School of Global Public Health, New York University, New York, New York.

A056   Relationship among nutrient, metabolite, sex, and inflammatory genotype and phenotype as risk factors of colorectal cancer in rural residents. JungHee NMN Kang, University of Kentucky, Lexington, Kentucky.

A057   Diagnosis of food and food sovereignty in the Cucapah community. Linda Lara Jacobo, San Diego State University, Brawley, California.

A058   Plasma folate and folic acid status in relation to prostate cancer aggressiveness: Insights into racial disparities from the PCaP study. MinJae Lee, University of Texas Southwestern, Dallas, Texas.

A059   Advanced glycation end products provide insight into tumor associated biosocial synergy to inform on prostate cancer disparities. Tuong Vi V. Nguyen, Virginia Commonwealth University, Richmond, Virginia.

A060   Association between use of wearables/mHealth and health-related behaviors. Azusa Okada, SUNY Downstate, Brooklyn, New York.

A061   Association between plant-based and animal-based diet indices and breast cancer risk in the Southern Community Cohort Study (SCCS). Jessica Sainyo, University of South Carolina, Columbia, South Carolina.

A062   Exploring inflammatory dietary patterns and oral HR- HPV infection: A cross-sectional study among Hispanic PWLH. Michael A. Santiago-Marrero, University of Puerto Rico Comprehensive Cancer Center, San Juan, Puerto Rico.

A063   Determining barriers to dietary change among medically underserved men with prostate cancer. Matthew T. Smith, The University of Texas MD Anderson Cancer Center, Houston, Texas.

A064   Racial disparities in folate metabolism, genetic variants, and prostate cancer aggressiveness. L. Joseph Su, UT Southwestern Medical Center O'Donnell School of Public Health, Dallas, Texas.

A065   Community engagement in designing a lifestyle, environmental, and biological risk factor cohort study for cancer disparities. Hania M. Taha, University of Virginia, Charlottesville, Virginia.

A066   Socioenvironmental contributors to dietary cysteine, the gut microbiome, and CRC disparities. Patricia Wolf, Purdue University, West Lafayette, Indiana.

A067   Multilevel determinants of health behavior participation among Hispanic/Latino men with prostate cancer on androgen deprivation therapy: A cross-sectional survey. Sharon H. Choi, University of California, San Diego, La Jolla, California.

A068   Simulation modeling long-term outcomes associated with meeting aerobic activity guidelines among breast cancer survivors in the US. Emma Tian, National Institute on Minority Health and Health Disparities, Bethesda, Maryland.

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A069   Characterizing genetic ancestry associated variation in lynch syndrome genes. Devin A. Gee, Feinstein Institutes for Medical Research, Manhasset, New York.

A070   Artificial intelligence applications in cancer care: Algorithmic bias impacts health equity. Sdanish Kadir, University of Texas Rio Grande Valley, Edinburg, Texas.

A071   Artificial intelligence in cancer patient care-associated challenges in United States of America. Sdanish Kadir, St. Johns University, Queens, New York.

A072   Biobanking healthy tissue in the Susan G. Komen tissue bank: Comparing Indiana and non-Indiana residents. Katherine E. Ridley-Merriweather, IU Simon Comprehensive Cancer Center, Indianapolis, Indiana.

A073   Travel burden and pediatric cancer mortality: Evidence from 2000-2020 state cancer registry data. Emma Hymel, University of Nebraska Medical Center, Omaha, Nebraska.

A074   An epidemiological analysis of racial and geographic disparities in self-reported solid tumor prevalence: Insights from HINTS 5, cycle 1 on US cancer burden. Megan Khaddar, Massachusetts College of Pharmacy and Health Sciences, Boston, Massachusetts.

A075   Trends in colorectal cancer mortality among individuals aged 50 or less in the United States, 2012-2021. Michael R. Koko, Maryland Department of Health, Owings Mills, Maryland.

A076   Using a counterfactual framework to understand the underlying causes of Black-White racial disparities in breast cancer mortality in the US. Maret L. Maliniak, Emory University Rollins School of Public Health, Atlanta, Georgia.

A077   The interplay of HPV and HIV in esophageal squamous cell carcinoma in South Africa: Implications for viral-driven cancer disparities. Sikhumbuzo Zuke Mbatha, University of Pretoria, Pretoria, South Africa.

A078   Receipt of mammography by race/ethnicity and region among Medicaid beneficiaries with and without HIV, 2001-2019. Jacqueline E. Rudolph, Johns Hopkins Bloomberg School of Public Health, Baltimore, Maryland.

A079   Elevated cancer burden in firefighters, an understudied occupational subpopulation: A systematic review. Yayun Xu, University of California, Los Angeles, Los Angeles, California.

A080   Racial disparities in genomic alterations and survival outcomes in prostate cancer: A comparative analysis of Black and White patients using MSK-IMPACT data. Chidiebube J. Ugwu, Jefferson Einstein Philadelphia Hospital, Philadelphia, Pennsylvania.

A081   Predictive ability of prostate tumor gene expression signatures for high- and low-grade tumors among African American men. Kathryn H. Barry, University of Maryland School of Medicine, Baltimore, Maryland.

A082   Differential expression of transcriptomic pathways contributes to survival disparities between Black and White women with breast cancer. Fangyuan Chen, Dana-Farber Cancer Institute, Boston, Massachusetts.

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A083   Uncovering indigenous genetic markers: eQTLs associated with HER2-positive breast cancer in Colombian women. Laura Rey Vargas, National Cancer Institute of Colombia, Bogotá, Colombia.

A084   Social determinants of health and colorectal cancer molecular phenotypes: A scoping review. Nijole P. Tjader, The Ohio State University Wexner Medical Center, Columbus, Ohio.

A085   Long-read whole genome sequencing identifies STK11 and YAP1 genes as novel biomarkers for treating invasive cervical cancer. Sonam Tulsyan, National Cancer Institute, National Institutes of Health, Rockville, Maryland.

A086   Molecular and socioeconomic characteristics of inflammatory breast cancer in the Carolina breast cancer study. Kevin P. Williams, North Carolina Central University, Durham, North Carolina.

A087   Spatial-resolved single-cell analysis of the tumor microenvironment in Alaska Native colorectal cancer patients reveals novel biomarkers for prognosis. Hang Yin, University of Washington, Seattle, Washington.

A088   Exploring the impacts of ethnic enclaves on female screenable cancers among Chinese and Vietnamese Americans in Southern California. Michelle Tran, University of Southern California, Los Angeles, California.

A089   Exploring the impacts of ethnic enclaves on late-stage breast and cervical cancer risk among Chinese and Vietnamese Americans in Southern California. Michelle Tran, University of Southern California, Los Angeles, California.

A090   An evaluation of neighborhood socioeconomic status indices in relation to breast cancer stage among Black women in the US. Bo Qin, Rutgers Cancer Institute, New Brunswick, New Jersey.

A091   Clinical and demographic differences between children and young adult US-born and non-US-born Latinos diagnosed with classical Hodgkin Lymphoma in the MESH Study Cohort. Jose Alejandro Aparicio, Keck School of Medicine of USC, Los Angeles, California.

A092   Investigating the relationships between neighborhood characteristics, race, and guideline concordant care among women diagnosed with breast cancer. Lauren E. Barber, Emory University, Atlanta, Georgia.

A093   Race, neighborhood economic segregation, and prostate cancer risk in Southeastern Pennsylvania. Michelle Botyrius, Temple University, Department of Geography and Urban Studies, Philadelphia, Pennsylvania.

A094   Neighborhood deprivation and perceived discrimination among endometrial cancer survivors. Jordyn A. Brown, University of North Carolina at Chapel Hill, Chapel Hill, North Carolina.

A095   Neighborhood multi-modal spatial access to primary care is associated with improved colorectal cancer screening in NCI-designated cancer center catchment areas. R. Blake Buchalter, University of Alabama at Birmingham, Birmingham, Alabama.

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A096   Social determinants of health and patient engagement in cancer care: Insights from a community health worker program on Chicago's South side. Tishiya Carey, UChicago Medicine, Chicago, Illinois.

A097   Impact of socioeconomic status on survival outcomes in patients with stage IV pancreatic adenocarcinoma: A race/ethnicity controlled analysis. Amanda Erakky, Memorial Sloan Kettering Cancer Center, New York, New York.

A098   Intersectionality of race and rurality on disparities in cancer mortality between individuals living in persistent poverty and non-persistent poverty areas of Alabama. Mackenzie E. Fowler, University of Alabama at Birmingham, Birmingham, Alabama.

A099   Constructing latent clusters of joint exposure to census tract level socioeconomic and environmental breast cancer risk factors. Zachary H. Fusfeld, Sidney Kimmel Comprehensive Cancer Center, Philadelphia, Pennsylvania.

A100   Leveraging community health workers in a large urban area to meaningfully link cancer patients to care. Elizabeth Hansen, UChicago Medicine, Chicago, Illinois.

A101   Associations of neighborhood environment with colorectal cancer risk across race and ethnicity in the Multiethnic Cohort. Courtney M. Hill, Department of Epidemiology, University of Washington, Seattle, Washington.

A102   Association between neighborhood-level socioeconomic deprivation and colon cancer recurrence following colectomy: A retrospective study. Armaan Jamal, The University of Chicago, Chicago, Illinois.

A103   The effect of time on historical redlining disparities in breast cancer survival. Sarah M. Lima, University at Buffalo, Buffalo, New York.

A104   How neighborhood social and sociocultural contexts are associated with mortality in Asian American breast cancer patients. Brittany N. Morey, University of California, Irvine, Irvine, California.

A105   Social cohesion and disparities in cancer prevention and screening behaviors among the general population. Jennifer L. Moss, Penn State University College of Medicine, Hershey, Pennsylvania.

A106   Neighborhood gentrification, income inequality, and cancer incidence among adults in the Hispanic Community Health Study/Study of Latinos. Humberto Parada Jr., San Diego State University, San Diego, California.

A107   Area deprivation index and immunotherapy outcomes in patients with metastatic solid tumors. Dena P. Rhinehart, Sidney Kimmel Comprehensive Cancer Center at Johns Hopkins, Baltimore, Maryland.

A108   The role of residence in ethnic enclaves on colorectal cancer tumor characteristics, treatment patterns, and cancer outcomes among Hispanic/Latino patients: Results from the California Cancer Registry and American Community Survey. Joel Sanchez Mendez, University of Southern California, Los Angeles, California.

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A109   The development of racial and ethnic-specific composite measures of structural racism for cancer inequities research: The Multiethnic Cohort Study. Salma Shariff-Marco, University of California, San Francisco, San Francisco, California.

A110   Neighborhood racial and ethnic composition typology and colorectal cancer risk: The multiethnic cohort study. Catherine P. Walsh, University of Hawaii, Honolulu, Hawaii.

A111   Language isolation and head and neck cancer incidence among Hispanic populations in the United States. Rebecca A. Zasloff, Duke University School of Medicine, Durham, North Carolina.

A112   Sociodemographic predictors of moderate-to-vigorous physical activity in a large nationwide US cohort. Jamal R. Winn, American Cancer Society, Philadelphia, Pennsylvania.

A113   Increased hair cortisol is associated with intestinal microbial signatures implicated in colorectal cancer. Pius Sarfo Buobu, Purdue University, West Lafayette, Indiana.

A114   The DARC side of stress: The role of DARC-mediated chemokine regulation in stress-driven inflammation and breast cancer disparities. Jamirah Y. Chevrin, Morehouse School of Medicine, Atlanta, Georgia.

A115   Associations between race, stress, and mortality among endometrial cancer survivors: Evidence from a national cohort. Anna Gottschlich, Wayne State University and Karmanos Cancer Institute, Detroit, Michigan.

A116   Pre-diagnostic allostatic load is associated with mortality in adults diagnosed with incident colorectal cancer. Zoe L. Walts, University of Wisconsin-Madison, Madison, Wisconsin.

A117   Racial and ethnic disparities in cardiovascular disease mortality among breast cancer survivors in Puerto Rico and the United States, 2004–2019. Carola T. Sánchez-Díaz, University of Puerto Rico Comprehensive Cancer Center, San Juan, Puerto Rico.

A119   The impact of childhood family mental illness and abuse on adult cannabis use: Exploring racial differences among cancer survivors. Oluwole A. Babatunde, Prisma Health, Greer, South Carolina.

A120   Aspirin use and risk of multiple myeloma among US Black women. Kimberly A. Bertrand, Boston University, Boston, Massachusetts.

A121   Population-level prevalence and risk of oral HPV infection with or without HPV vaccination. Morgan C. Byrd, University of Michigan/Duke University, Ann Arbor, Michigan.

A122   Assessing the prevalence of gastric cancer risk factors among carriers of germline mutations in cancer predisposition genes. Guadalupe Carvajal, UC Davis Genome Center, UC Davis Comprehensive Cancer Center, Davis, California.

A123   Sex-based differences in head and neck cancer risk: Evidence from the All of Us research program. Nathalia Felix de Mendonca, Columbia University Irving Medical Center, New York, New York.

A124   Heterogeneity of community drivers of social vulnerability across racial groups of men with prostate cancer. Jason Goodloe, University of California, San Francisco, San Francisco, California.

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A125   Factors associated with differences in sleep patterns across the life course in a population-based study. Kelly A. Hirko, Michigan State University, East Lansing, Michigan.

A126   Rural-urban disparities in prostate cancer in Nebraska. Cassie Liu, Stony Brook University, Stony Brook, New York.

A127   Evaluating intra-Hispanic disparity in fatalism within a culturally diverse Hispanic population with breast cancer in central florida: A cross-sectional study. Liara Lopez Torralba, University of Central Florida, Riverview, Florida.

A128   Agricultural pesticide usage and breast cancer incidence: An ecological study across US counties. Harish Neelam, Michigan State University, East Lansing, Michigan.

A129   Understanding risk factors for non-endometrioid tumors, a comprehensive analysis of the Epidemiology of Endometrial Cancer Consortium (E2C2). Noah C. Peeri, Memorial Sloan Kettering Cancer Center, New York, New York.

A130   The factors associated with survivals in American adults with or without cancer: A population study. Iris Z. Shen, The Winsor School, Boston, Massachusetts.

A131   Time tells a different story: Sex and age-related differences in 1-, 3-, and 5-year survival for early-onset CRC in Georgia. Justin Moore, University of Kentucky, Lexington, Kentucky.

A132   Microbiome-related gastrointestinal cancers and survival: Racial and geographic inequities from a population-based analysis. Yashodhan Morye, Montefiore Medical Center, Albert Einstein College of Medicine, New York, New York.

A133   Assessing functional disability status across sexual orientations among cancer survivors in the US. Jincong Q. Freeman, The University of Chicago, Chicago, Illinois.

A134   Completeness of social determinants of health data collection for patients with breast cancer at a tertiary care cancer center. Anjali Chauhan, McMaster University, Hamilton, Ontario, Canada.

A135   Rural-urban trends in ovarian cancer incidence among women aged 20-84 in the United States, 2000-2019. Katherine L. Ho, Johns Hopkins Bloomberg School of Public Health, Baltimore, Maryland.

A136   Sex differences in cancer stage at diagnosis of non-reproductive solid organ tumors in the US, 2015-2019. Beth J. Maclin, National Cancer Institute, National Institutes of Health, Rockville, Maryland.

A137   Mapping the journey: A scoping review of cancer outcomes in Alabama. Nicole Caviness-Ashe, The University of Alabama at Birmingham, Birmingham, Alabama.

A138   Contraceptive use and sterilization via bilateral partial salpingectomy shift the cervicovaginal microbiota of women in Puerto Rico. Jemilly Salas-Cruz, University of Puerto Rico, Medical Science Campus, San Juan, Puerto Rico.

A139   Evaluating knowledge and practice patterns of prostate cancer germline testing among providers within a large health system. Jamie Therese Abad, Henry Ford Health, Detroit, Michigan.

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A140   Comprehensive molecular characterization of high-grade endometrial cancer in an ancestrally-diverse cohort. Nyasha Chambwe, Feinstein Institutes for Medical Research, Manhasset, New York.

A141   Health disparities among women who received treatment for 1L advanced and recurrent endometrial cancer in the United States. Angela Green, Memorial Sloan Kettering Cancer Center, New York, New York.

A142   Equity in surgical outcomes: Evaluating robotic/minimally invasive vs. open surgery for early-stage cervical cancer across diverse populations in the national cancer database. Sejong Bae, Augusta University School of Public Health and Georgia Cancer Center, Augusta, Georgia.

A143   Association of treatment delays with health insurance and clinical outcomes among patients with head and neck cancer receiving definitive treatments. Alec Kotler, The Ohio State University Comprehensive Cancer Center, Columbus, Ohio.

A144   Association of CC chemokine receptor 5 (CCR5) and its natural ligands in lung cancer disparity. Briana A. Brock, Morehouse School of Medicine, Atlanta, Georgia.

A145   Racial and ethnic disparities in survival outcomes among young adults with non-small cell lung cancer: A Surveillance, Epidemiology, and End Results (SEER) analysis. Carissa M. Feliciano, University of Southern California, Los Angeles, California.

A146   Structural racism and lung cancer risk: The multiethnic cohort study and Southern community cohort study. Meera Sangaramoorthy, University of California, San Francisco, San Francisco, California.

A147   Pediatric cancer risk and environmental contamination: A regional analysis of superfund sites in Puerto Rico. Celinés Rodríguez-Acevedo, University of Puerto Rico Comprehensive Cancer Center, San Juan, Puerto Rico.

A148   Increase in colorectal cancer screening among rural and remote Alaska Native peoples using the multi-target stool DNA: A randomized controlled trial. Diana Redwood, Alaska Native Tribal Health Consortium, Anchorage, Alaska.

A149   De Casa En Casa Program: Preventing cervical cancer in West & South Texas. Priyanka Dadha, Texas Tech University Health Sciences Center, El Paso, Texas.

A150   The BEST (Breast Cancer Education, Screening, and NavigaTion) Program: Addressing breast cancer disparities among uninsured women in West and South Texas. Priyanka Dadha, Texas Tech University Health Sciences Center, El Paso, Texas.

A151   Fib-4 score correlations with lifestyle and health factors in a high-risk, diverse population: Baseline findings from a randomized tailored disease management intervention for hepatocellular carcinoma (HCC) prevention. Karen Basen-Engquist, The The University of Texas MD Anderson Cancer Center, Houston, Texas.

A152   Beliefs about the value of cervical, breast and colorectal cancer screening among African American and Sub-Saharan Africans. Adebola Adegboyega, University of Kentucky, Lexington, Kentucky.

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A153   A feeding study examining the effects of diet-specific interventions on the gut microbiome and colorectal cancer risk factors among a racially diverse sample. Kiana Antoine, Moffitt Cancer Center, Tampa, Florida.

A154   Trends and predictors of cigarette smoking in Guam: Analysis of 2011–2023 BRFSS data. Angelika Argao, University of Guam, Mangilao, Guam.

A155   Factors associated with HPV vaccination and cervical cancer screening among Hispanic/Latina women in the US. Jacqueline Hua, National Cancer Institute, National Institutes of Health, Rockville, Maryland.

A156   Fruit and vegetable consumption and metabolic syndrome in postmenopausal African American women. Allison N. Marshall, Georgetown University, Washington, District of Columbia.

A157   Moving safely: Physical activity in the face of crime. Lorna McNeill, The University of Texas MD Anderson Cancer Center, Houston, Texas.

A158   Experiences and preliminary results of a community-based randomized controlled trial to raise colorectal cancer awareness: Findings from the Community Genetic Navigation Engagement Specialist (CoGENES) program. Janet Rodriguez, University of Southern California, Los Angeles, California.

A159   Risk-related experiences among transgender and gender expansive people with elevated breast/chest cancer risk: A systematic review. Eoghan Q. Victory, The Ohio State University, Columbus, Ohio.

A160   Improving adherence to cervical and breast cancer prevention among at-risk African American women: A photovoice study. Anjanette A. Wells, University of Cincinnati, Cincinnati, Ohio.

A161   Investigating the relationship between emotional support and up-to-date mammography among African American women over 40. Asli McCullers, University of Maryland, College Park, College Park, Maryland.

A162   Structural and familial predictors of HPV vaccination among Latino adolescents: Exploring drivers of cancer prevention disparities. Anju F. Kane, University of Southern California, Los Angeles, California.

A163   Understanding HPV awareness and the role of social influence on vaccination decisions in the African American community. Jade Truehart, Temple University, Philadelphia, Pennsylvania.

A164   Social vulnerability index and climate extreme events impact on the excess mortality among Puerto Rican cancer patients. Solimar Garcia-Molina, University of Puerto Rico, Medical Science Campus, San Juan, Puerto Rico.

A165   Restrictive eligibility criteria impacts racial/ethnic enrollment in oncology therapeutic clinical trials: Findings from a large urban California institute. Angel Arizpe, Keck School of Medicine of USC, Los Angeles, California.

A166   Bioremediation of river sediment used in crop production for sustainable reduction in soil contamination and cancer risk. Oluyemisi Bolajoko Fawole, University of Ilorin, Ilorin, Nigeria.

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A167   Screened out: Citizenship, disparities, and the puzzle of cancer prevention across citizenship lines. Jonathan O. Odingo, Michigan State University, East Lansing, Michigan.

A168   Building research capacity: Outcomes from the Research Education Program on Microbes, Infections, and Cancer (REPMIC). Tanialy Rivera-Santiago, University of Puerto Rico Comprehensive Cancer Center, Division of Cancer Control and Population Sciences, San Juan, Puerto Rico.

A169   Co-targeting of AURKA and AURKB as potential therapeutic targets to suppress early stages of metastasis in triple-negative breast cancers. Joel A. Orengo Orengo, Ponce Health Sciences University, Penuelas, Puerto Rico.

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Poster Session B

Friday, September 19

5:30 – 7:00 p.m.

B001   Validating tumor-infiltrating lymphocyte classification in primary cutaneous melanoma using cytokine immune scores: Addressingbbiomarker disparities in underserved populations. Meshack Bida, University of Pretoria, National Health Laboratory Service, Pretoria, South Africa.

B002   Identifying breast cancer risk factors using comprehensive data from the All of Us research program. Yuewen Qi, The Feinstein Institutes for Medical Research, Manhasset, New York.

B003   Spatial disparities in cancer clinical trial accrual: Insights from Johns Hopkins Sidney Kimmel Comprehensive Cancer Center. Mehrnoosh M. Soori, Johns Hopkins Bloomberg School of Public Health, Baltimore, Maryland.

B004   Long-term poverty, food insecurity, and geographic disparities in colorectal cancer risk: A Bayesian spatial analysis in Texas. Yanchen Liu, Department of Epidemiology, UTHealth Houston School of Public Health, Houston, Texas.

B005   Geospatial and structural determinants of colorectal cancer burden among Black patients in Brooklyn: A composite score approach including food insecurity. Omar Gandarilla Cuellar, New York Presbyterian Methodist Hospital, New York, New York.

B006   Changes in prostate cancer stage-specific incidence rates 2008-2021 by neighborhood gentrification status in Philadelphia metropolitan area. Daniel Wiese, American Cancer Society, Atlanta, Georgia.

B007   Functional and epigenetic characterization of African pangenome contigs: Implications for reference genome bias and human genomic diversity. Abdulfatai Tijjani, Institute of Molecular Medicine, Feinstein Institutes for Medical Research, Northwell Health, Manhasset, New York.

B008   An approach to H-scoring tumors with morphologic heterogeneity using digital pathology and machine learning. Matthew S. Chang, University of Florida, Gainesville, Florida.

B009   Empowering the next generation of cancer researchers: Outcomes of the UC Davis CURE program for underrepresented students in biomedical research. Alexa Morales Arana, UC Davis, Sacramento, California.

B010   Tobacco retailer density and cancer incidence in California (2016-2020). Alice Guan, University of California, San Francisco, San Francisco, California.

B011   Proof-of-concept for the acceptability, appropriateness, and feasibility of a workplace intervention to mitigate tobacco-related cancer disparities in a LGBTQ+-serving healthcare center. Jedidiah A. Feyisetan, Texas Tech University Health Science Center, Lubbock, Texas.

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B012   Sociodemographic predictors of knowledge and confidence gains among community health workers following a modified smoking cessation training. Andres Mauricio Garcia Sierra, University of Chicago, Chicago, Illinois.

B013   Text messaging for accessible smoking cessation support among underserved adults in rural and urban Georgia. Larry M. Mason, Georgia State University, Atlanta, Georgia.

B014   Preventing tobacco-related cancer disparities among opioid use treatment program stakeholders: A case study of a tailored tobacco-free workplace program implementation with reach to rural/medically underserved areas of Texas. Asfand B. Moosa, The University of Texas MD Anderson Cancer Center, Houston, Texas.

B015   Examining the role of psychosocial stressors in concurrent smoking and alcohol consumption among African American adults. Tiffany F. Saavedra, University of Maryland, College Park, College Park, Maryland.

B016   "Men are supposed to be macho—we don't talk about stuff like that": Developing messaging to successfully recruit men to a breast cancer clinical trial. Katherine E. Ridley-Merriweather, IU Simon Comprehensive Cancer Center, Indianapolis, Indiana.

B017   Examining the predictors of cancer risk awareness and cancer-related beliefs among college students. Adaeze C. Aroh, Slippery Rock University, Slippery Rock, Pennsylvania.

B018   Exploring medical stigma associated with smoking experienced by African American/Black cancer patients. Alison Brecher, Fox Chase Cancer Center, Philadelphia, Pennsylvania.

B019   Body image distress among young adult Hispanic cancer survivors. Mariah B. Echeverria, Keck School of Medicine of USC, Los Angeles, California.

B020   Communication patterns among Black hereditary cancer patients and their families about cascade testing. Lynette Hammond Gerido, Case Western Reserve University, Cleveland, Ohio.

B021   Barriers to HPV vaccine acceptability among Arab American young adults: A mixed methods study. Alia Komsany, Weill Cornell Medicine, Mount Kisco, New York.

B022   Evaluating multi-turn capability of large language models in cancer communication. Victoria Churchill, Morehouse School of Medicine, Atlanta, Georgia.

B023   Cancer patient experiences communicating positive genetic testing results to family members: A comparison of African American and White patient perspectives. Kristen D. Whitaker, Medstar Georgetown Cancer Institute, Washington, District of Columbia.

B024   Promoting awareness: A trainee-led inflammatory breast cancer campaign. Kevin P. Williams, North Carolina Central University, Durham, North Carolina.

B025   Follow up after a positive HPV test result: Results from the PRESTIS study. Graciela Nogueras, The The University of Texas MD Anderson Cancer Center, Houston, Texas.

B026   The Southwest Coalition for Colorectal Cancer Screening (SuCCCeS) Program funded by CPRIT PP110156, PP140164, PP170068, PP210005. Grace Otitoju, Texas Tech University Health Sciences Center, El Paso, Texas.

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B027   Tiempo de vacunarte: A community human papillomavirus (HPV) vaccination program (2014-2025) funded by CPRIT (PP140211, PP190058, PP240014). Grace Otitoju, Texas Tech University Health Sciences Center, El Paso, Texas.

B028   Navigating change: Equal Hope's response to Chicago's Latine community needs. Gabriela A. Pena, Equal Hope, Chicago, Illinois.

B029   Photovoice: Through her eyes. Gabriela A. Pena, Equal Hope, Chicago, Illinois.

B030   Health literacy and digital engagement across US Regions: Insights from the mayo clinic catchment areas. Tingyu Zou, Mayo Clinic, Jacksonville, Florida.

B031   Place, people, and prevention: Contextual drivers of cancer health equity in three US Regions. Tingyu Zou, Mayo Clinic, Jacksonville, Florida.

B032   Randomized trial of the active living after cancer program in a neighborhood experiencing persistent poverty: Early recruitment and retention results. Karen Basen-Engquist, The The University of Texas MD Anderson Cancer Center, Houston, Texas.

B033   At-risk alcohol intake and clinically meaningful weight loss among overweight/obese Latinos in a nutrition education program. Melissa Gaviria Garrido, Memorial Sloan Kettering Cancer Center, New York, New York.

B034   Risk perception for colorectal cancer among Middle Eastern and African Muslim adults in Indianapolis. Olanrewaju Onigbogi, Indiana University, Indianapolis, Indiana.

B035   A qualitative analysis of organizational factors in readiness for change: Perceptions on implementation of a tobacco-free workplace program among staff working in healthcare settings serving rural and/or medically underserved areas of Texas. Abigail E. Bergey, University of Houston, Houston, Texas.

B036   Feasibility, acceptability, and preliminary impact of a text messaging intervention to increase the uptake of lung cancer screening among Latinos. Francisco Cartujano-Barrera, University of Rochester Medical Center, Rochester, New York.

B037   Network of Embajadoras to Reduce Cancer Health Disparities in the Latino Community (Red de Embajadoras Para reducir Disparidades de Salud del cancer en la comunidad Latina-REPRESENTA). Nanci Chavarria Villa, UC Davis Genome Center, Davis, California.

B038   A pre- and post-evaluation of familiarity, intention, and knowledge about clinical trials following implementation of community-based clinical trial education sessions. Christian Church, Non-Therapeutic Research Office, Moffitt Cancer Center, Tampa, Florida.

B039   Feasibility and preliminary efficacy of a pilot community navigator-led intervention for minoritized individuals considering early phase clinical trial participation. Deborah B. Doroshow, Icahn School of Medicine at Mount Sinai, New York, New York.

B040   Self-sampling for HPV DNA testing increases participation in cervical cancer screening among Asian American women. Carolyn Y. Fang, Fox Chase Cancer Center, Philadelphia, Pennsylvania.

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B041   Together we stand: NCI's cancer center partners to engage underrepresented communities in cancer research. Linda G. Fleisher, Fox Chase Cancer Center, Philadelphia, Pennsylvania.

B042   Increasing rigor of inclusive health research with Cultural Advisory Boards (CuAB): Asian Indian recommendations for research practice. Priyanka Gautom, Harvard T.H. Chan School of Public Health, Boston, Massachusetts.

B043   Staff perceptions and value of concurrent tobacco use and behavioral health treatment and tobacco-free programs: A qualitative study of health centers in rural and medically underserved areas of Texas. Tarik D. Goulbourne, University of Houston, Houston, Texas.

B044   Preliminary findings on cancer health literacy and frailty in older adults with cancer: Insights from the ongoing GAIN-S GOTO trial. Tanyanika Phillips, City of Hope, Antelope Valley, California.

B045   Implementation and impact of a community culinary medicine class targeting low-income seniors in a persistent poverty area: A mixed methods pilot study. Margaret R. Raber, The University of Texas MD Anderson Cancer Center, Houston, Texas.

B046   Results from a multi-community survey demonstrating the value and impact of coalitions focused on cancer prevention for improving health outcomes. Ruth Rechis, The The University of Texas MD Anderson Cancer Center, Houston, Texas.

B047   PC TEACH, a cancer prevention intervention: Assessing the implementation and adoption of evidence-based strategies to increase human papillomavirus (HPV) vaccination delivery in rural primary care settings. Elisa M. Rodriguez, Roswell Park Comprehensive Cancer Center, Buffalo, New York.

B048   A culturally tailored digital health platform to improve breast cancer survivorship for Black women: HERCaRE. Manisha Salinas, Mayo Clinic, Jacksonville, Florida.

B049   Chinese wellness culinary circle: A feasibility study of a culturally tailored cancer prevention program. Yawei Song, Thomas Jefferson University, Philadelphia, Pennsylvania.

B050   Establishing and evaluating a community advisory group in eastern rural maryland: A model for community-engaged cancer outreach. Janvi Srivastava, Johns Hopkins University, Baltimore, Maryland.

B051   Baseline characteristics from the c-CARE initiative: A faith-based approach to advancing cancer prevention and equity in underserved communities. Marlo Vernon, Augusta University, Augusta, Georgia.

B053   A multi-method, collaborative approach in evaluating the experiences and identifying equity-related barriers for Black individuals in follow up care for radical prostatectomy and secondary treatment. Dante Morehead, University of Washington, Seattle, Washington.

B054   Reaching the hard-to-reach: Development of a community-based collaborative study on the manifestations of structural racism in cancer care settings. Emma L. Herbach, University of Miami Sylvester Comprehensive Cancer Center, Miami, Florida.

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B055   Guideline-concordance along the cancer care continuum and breast cancer mortality by race and ethnicity: A SEER-Medicare study. Emma L. Herbach, University of Miami Sylvester Comprehensive Cancer Center, Miami, Florida.

B056   Barriers to cancer screening in medically vulnerable catchment communities in Southern California. Kimlin Ashing, City of Hope, Duarte, California.

B057   Race, skin tone complexion, and melanoma risk perception: Mediating roles of knowledge, attitudes and behaviors. Gabriella Beharry, University of Kentucky College of Medicine, Lexington, Kentucky.

B058   Physical activity and nutrition: Barriers and facilitators in communities experiencing long-term poverty. Monalisa Chandra, The The University of Texas MD Anderson Cancer Center, Houston, Texas.

B059   Advancing equitable access to prostate cancer genomic testing through community-informed and culturally tailored strategies. Ewan K. Cobran, Mayo Clinic, Scottsdale, Arizona.

B060   Community-informed development of educational materials to improve colorectal cancer screening uptake in underserved Baltimore populations. Robyn N. Jordan, The Johns Hopkins University School of Medicine, Baltimore, Maryland.

B061   Utilizing community engagement studios to increase clinical research participation from underserved communities: A case study. Shifra Krinshpun, Natera, Inc., Austin, Texas.

B062   Multi-stakeholder partnership to identify and address research priorities in the early detection of prostate cancer among Black Americans. Jenney Lee, University of Washington, Seattle, Washington.

B063   Experiences and perspectives of a community advisory board in the Participant Engagement and Cancer Genomic Sequencing network. Bailey Martin-Giacalone, Washington University School of Medicine, St. Louis, Missouri.

B064   Survivorship in context: Structural and social drivers of breast cancer care among underrepresented American Indian women. Bianca D. Owens, Virginia Commonwealth University, Richmond, Virginia.

B065   Community engagement strategies to promote cancer prevention research participation among foreign-born, low-income, Spanish-speaking Latino adults. Gael Perez, Cedars-Sinai Medical Center, Los Angeles, California.

B066   Identifying HPV vaccination barriers in tribal healthcare settings: A community-partnered qualitative study among providers serving American Indian and Alaska Native families. Claradina Soto, University of Southern California, Los Angeles, California.

B067   Community outreach and engagement in a multi-institutional cancer partnership: Lesson from two decades of partnership and practice. Calandra Whitted, Vanderbilt University Medical Center, Nashville, Tennessee.

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B068   The association between physical activity and alcohol use in midlife and older Black adults residing in a persistent poverty area. Dongjie Wu, University of Houston/The The University of Texas MD Anderson Cancer Center, Houston, Texas.

B069   Qualitative insights on the health-related quality of life of young adults living with chronic Hepatitis B. Suzanne J. Block, Johns Hopkins Bloomberg School of Public Health, Baltimore, Maryland.

B070   Mammography concordance among sexual minority women at elevated risk of breast/chest cancer: Examining the roles of race and healthcare system distrust. Tasleem J. Padamsee, The Ohio State University, Columbus, Ohio.

B071   Cultural and structural factors influencing care-seeking delays for abnormal vaginal bleeding among premenopausal Haitian women. Wilmar B. Mondestin, University of Miami, Miami, Florida.

B072   Promoting access to in-home cancer genetic testing through a primary care collaborative telegenetics model. Daniel Chavez-Yenter, University of Pennsylvania, Philadelphia, Pennsylvania.

B073   Bridging the gap: Community recommendations to improve cancer genetic research and clinical engagement. Erin Linnenbringer, Washington University School of Medicine, St. Louis, Missouri.

B074   Primary non-inferiority and secondary moderator analyses from the eREACH study - a randomized study of digital delivery alternative for cancer genetic testing in patients with metastatic cancer. Angela R. Bradbury, University of Pennsylvania, Philadelphia, Pennsylvania.

B075   Engaging Black men in prostate cancer education: A community-driven model leveraging faith-based partnerships and mixed-methods data collection. Laura Crandon, Touch4life.org, Clarksville, Maryland.

B076   Understanding gaps in genetic testing uptake and risk management follow-up care in Latina women at risk for HBOC. Valeria Gómez, Georgetown University Medical Center, Washington, District of Columbia.

B077   Expanding access to cancer genetic services beyond the traditional oncology setting: A systematic review. Maisha R. Huq, Georgetown Lombardi Comprehensive Cancer Center, Washington, District of Columbia.

B078   Developing a toolkit for CBOs to enhance education and navigation of Latinas at risk of HBOC to genetic services and risk management care. Sara Idris, Georgetown University Medical Center, Washington, District of Columbia.

B079   Knowledge, interest, uptake of cancer genetic testing among South Asian Americans. Shreya Kaushik, Georgetown Lombardi Comprehensive Cancer Center, Washington, District of Columbia.

B080   Disparities in genetic testing among high risk breast cancer patients. Melanie Sheen, Ochsner MD Anderson Cancer Center, New Orleans, Louisiana.

B081   Building a collaborative coalition: A human-centered approach to addressing continuum cancer care during extreme weather events in Puerto Rico. Bridgette N. Troche Santana, University of Puerto Rico, Medical Science Campus, San Juan, Puerto Rico.

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B082 **Exploring climate change harm perception and associated racial/ethnic gaps in US cancer survivors.** Jincong Q. Freeman, The University of Chicago, Chicago, Illinois.

B083 **The SC AMEN program: Testing a centralized patient navigation intervention for prostate cancer screening in Black men.** Amber S. McCoy, Medical University of South Carolina Hollings Cancer Center, Charleston, South Carolina.

B084 **Empowering community health educators: Curriculum development and training outcomes from the ACT WONDER²s study.** Juanita Carbajal, Moffitt Cancer Center, Tampa, Florida.

B085 **Evaluating reflective practice in cancer research training: A qualitative analysis of trainee journals.** Yuku Chen, Fox Chase Cancer Center, Philadelphia, Pennsylvania.

B086 **Understanding breast cancer stigma in Rwanda: Perspectives from community health workers.** Josiane Kabayundo, University of Nebraska Medical Center, Omaha, Nebraska.

B087 **Bridging knowledge gaps in breast and colorectal cancer: Impact of a community-based education program.** Elaine Liu, Lewis Katz School of Medicine, Temple University, Philadelphia, Pennsylvania.

B088 **Assessing augmented reality adoption for skin cancer prevention among at-risk populations: A TAM-based approach.** Zhaomeng Niu, Department of Health Informatics, Rutgers School of Health Professions, Piscataway, New Jersey.

B089 **Impact of cancer research education and training to reduce health disparities in the Pacific.** Yvette Paulino, University of Guam, Mangilao, Guam.

B090 **Understanding the impact of health literacy on the perceptions of health misinformation on social media in young adults.** Dayanara Ruiz, Keck School of Medicine of USC, Los Angeles, California.

B091 **Preliminary usage of an interactive, clinical trials educational decision aid for Florida cancer patients.** Elliott Tapia-Kwan, Moffitt Cancer Center, Tampa, Florida.

B092 **High prevalence of oral HPV infection among people with HIV in Puerto Rico: Time for improved prevention strategies.** Jurelis Torres-Reyes, Comprehensive Cancer Center, San Juan, Puerto Rico.

B093 **Immersive patient education to reduce disparities in radiation oncology: Early results from a virtual reality intervention.** Sarah Wisnoskie, Novant Health, Winston Salem, North Carolina.

B094 **Early impact of a community-oriented clinical trialist training program: The Robert A. Winn Excellence in Clinical Trials Career Development Award.** Megan Becker, Massey Comprehensive Cancer Center, Richmond, Virginia.

B095 **Factors associated with adolescent and young adult cancer clinical trial enrollment at a minority underserved NCI community oncology research program.** Kathryn McHenry, Columbia University Vagelos College of Physicians and Surgeons, New York, New York.

B096 **Clinical trial enrollment amongst children and adolescents and young adults with primary central nervous system tumors at Columbia University Irving Medical Center.** Kathryn McHenry, Columbia University Vagelos College of Physicians and Surgeons, New York, New York.

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B097   Empowering Latina breast cancer patients: A phone app + patient navigation to improve hormone therapy adherence. Vivian Cortez, UT Health San Antonio - Institute for Health Promotion Research, San Antonio, Texas.

B098   Global-scale patient-partnered genomic databanking: unlocking therapeutic and biological insights in rare cancers through decentralized recruitment and open data sharing. Seyram A. Doe-Tetteh, Memorial Sloan Kettering Cancer Center/New York University, New York, New York.

B099   ¡Vida! SMART Trial: Implementation readiness and early adaptation insights from a culturally tailored weight loss trial for Latina breast cancer survivors. Juan Gudino, University of Washington, Seattle, Washington.

B100   Designing a qualitative study on survivorship care experiences among Black women breast cancer survivors in Maryland. Lensa S. Keno, Johns Hopkins Bloomberg School of Public Health, Baltimore, Maryland.

B101   Barriers to racial/ethnic diversity of clinical trials - the patient perspective. Kimberley Lee, University of Pennsylvania, Philadelphia, Pennsylvania.

B102   Recruiting underrepresented patients via centralized navigation in a decentralized registry study. Mele Mafi, Emory University, Atlanta, Georgia.

B103   Moving the needle: Values and communication strategies of clinical investigators for clinical trial recruitment. Shazia Nakhoda, Fox Chase Cancer Center, Philadelphia, Pennsylvania.

B104   Research equity & survivor perspectives to enhance consent and trust: The respect recommendations for biorepository study enrollment practices. Liz Sage, University of Washington, Seattle, Washington.

B105   Interim analysis of the research navigator-led PRE-ACT educational intervention to promote decision making about clinical trials among racial and ethnic minorities. Annie L. Zhang, University Hospitals Seidman Cancer Center, Cleveland, Ohio.

B106   Sexual orientation and gender identity data in oncology: Themes from a large qualitative study. Beck Gold, George Washington University Cancer Center, Washington, District of Columbia.

B107   Healthcare providers' perspective on the barriers and facilitators to cervical cancer care among women living with HIV in Puerto Rico: A qualitative study. Marievelisse Soto-Salgado, University of Puerto Rico Comprehensive Cancer Center, San Juan, Puerto Rico.

B108   Exploring breast cancer survivorship: Computational topic modeling of written essays from chinese breast cancer survivors in an expressive writing intervention. Yusi A. Xu, The University of Texas MD Anderson Cancer Center, Houston, Texas.

B109   Unlocking health benefits through cognitive processing: Linguistic features from a culturally adapted expressive writing intervention among Chinese American cancer survivors. Yusi Aveva Xu, The University of Texas MD Anderson Cancer Center, Houston, Texas.

B110   'Natural' disasters and cancer care disruptions: Perspectives from providers in Puerto Rico following hurricane Maria. Isabelle Do, University of California, Berkeley, Berkeley, California.

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B111   The relationship of mental health with health behaviors and social determinants of health among cancer survivors in a rural Southern state. Jaimi L. Allen, University of Arkansas for Medical Sciences, Little Rock, Arkansas.

B112   Dyadic associations of physical activity, diet quality, and body mass index in Black prostate cancer survivors and their spouses. Haejeong An, The The University of Texas MD Anderson Cancer Center, Houston, Texas.

B113   Cultivating transdisciplinary collaboration for cancer disparities: A phased evaluation and adaptive curriculum design. Jayme Ewens, Medical College of Wisconsin, Milwaukee, Wisconsin.

B114   Confronting cancer: Latino scholars investigate cancer disparities in Latino communities. Edgar Munoz, UT Health San Antonio, San Antonio, Texas.

B115   Knowledge, attitudes, and barriers to HPV vaccination in binational Indigenous communities: A case study of the Cucapá in the Mexico–US border region. Maria Josse Navarro Ibarra, Universidad Autonoma de Baja California, Mexicali, Baja California, Mexico.

B116   Attitudes and barriers to cancer clinical trial participation among Spanish-speaking Latino/a radiation oncology patients. Oscar Padilla, Icahn School of Medicine at Mount Sinai, New York, New York.

B117   The association between discrimination or poor provider communication and public trust in cancer advice from physicians. Martha Wojtowycz, SUNY Upstate Medical University, Syracuse, New York.

B118   PR7 rhenium complex induced cytotoxicity in triple negative breast cancer cells (TNBC) by upregulation of apoptosis-regulatory proteins gene expression. John Abiodun Obadipe, Morgan State University, Baltimore, Maryland.

B119   Chemo-informatics and cytotoxicity characterization of novel rhenium complexes for potential triple-negative breast cancer management. John Abiodun Obadipe, Morgan State University, Baltimore, Maryland.

B120   A call for a modernized TNBC/mTNBC clinical trial: Ensuring equity, precision medicine, and survivorship for young Black women. Jeanne M. Regnante, Tigerlily Foundation, Patient 3i, LLC, Branford, Connecticut.

B121   Developing organoid model to study drug-resistant breast cancer cells. Johnaton A. Tyrell, Morgan State University, Baltimore, Maryland.

B122   Epigenetic age acceleration and cardiac dysfunction in survivors of adolescent and young adult cancer. Amanda Warner, The The University of Texas MD Anderson Cancer Center, Houston, Texas.

B123   Understanding racial disparities in breast cancer mortality beyond 10 years: The role of estrogen receptor status. Lindsay J. Collin, Emory University, Atlanta, Georgia.

B124   Barriers to care among LGBT cancer survivors: An analysis of the All of Us program. Jennifer J. Jabson Tree, Purdue University, West Lafayette, Indiana.

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B125   Risk of late effects and acute care utilization among childhood, adolescent, and young adult cancer survivors with Medicaid coverage. Amanda Janitz, University of Oklahoma Health Sciences, Oklahoma City, Oklahoma.

B126   Cardiovascular disease mortality among multiple myeloma patients treated with chemoimmunotherapy, 2000-2021. Jacqueline B. Vo, National Cancer Institute, National Institutes of Health, Bethesda, Maryland.

B127   Differences in all-cause mortality among patients with classical Hodgkin lymphoma. Yuehan Wang, National Cancer Institute, National Institutes of Health, Bethesda, Maryland.

B128   A naturally occurring naphthoquinone, (2-methylbutyryl) shikonin, potentiates dacarbazine anti-melanoma efficacy through melanogenesis inhibition and ROS-mediated apoptosis. Aalim Maqsood Bhat, CSIR-Indian Institute of Integrative Medicine Jammu, Jammu, India.

B129   State-level rural-urban disparities in cardio-oncology mortality among early to middle-aged adults 25-64 years in the US. Stephanie D. Boone, University of Louisville, Louisville, Kentucky.

B130   Adiposity-related metabolomic signatures and mortality in a population-based cohort of Black breast cancer survivors. Bo Qin, Rutgers Robert Wood Johnson Medical School, New Brunswick, New Jersey.

B131   Association between type 2 diabetes and prevalence of monoclonal gammopathy of undetermined significance in a large screened U.S. population. Etienne X. Holder, Slone Epidemiology Center at Boston University, Boston, Massachusetts.

B132   Systemic inflammation before diagnosis: Smoking, disparities, and ALI in cancer-free young adults — a nationwide signal of lung cancer risk? Nehemias A. Guevara Rodriguez, Saint Louis University, School of Medicine, Internal Medicine Department, Division of Hematology Oncology and Bone Marrow Transplant, St. Louis, Missouri.

B133   Temporal trends in the incidence of obesity-associated cancers in Puerto Rico, 2000–2022: Disproportionate increases among younger adults. Carola T. Sánchez-Díaz, University of Puerto Rico Comprehensive Cancer Center, San Juan, Puerto Rico.

B134   Type 2 diabetes and breast cancer recurrence in the population-based Carolina Breast Cancer Study. Joel A. Begay, University of North Carolina at Chapel Hill, Chapel Hill, North Carolina.

B135   Deletion of HDAC1 demonstrates alternative metabolic response in pancreatic cancer. Don-Gerard B. Conde, Cornell University, Ithaca, New York.

B136   The association of estimated visceral adipose tissue amount with risk of postmenopausal breast cancer in the Multiethnic Cohort Study. Janine V. Abe, University of Hawaiʻi Cancer Center, Honolulu, Hawaii.

B137   Potential protective effect of statins against HSIL in women with metabolic comorbidities. Purvika Gautam, VCU Massey Comprehensive Cancer Center, Richmond, Virginia.

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B138 **Obesity-related cancer survivorship in Puerto Rico: Exploring lifestyle behaviors, comorbidities, and health-related quality of life.** William Hernandez, University of Southern California, Tujunga, California.

B139 **Body mass index modulates vaginal microbial diversity and pathogenic signatures in HPV-related cervical disease.** Saadia Jiménez-Ñeco, University of Puerto Rico, Medical Science Campus, San Juan, Puerto Rico.

B140 **Multi-class antiretroviral therapy and body mass index in people living with HIV in Puerto Rico: A cross-sectional study.** Cristian D. Velez-Goden, University of Puerto Rico Comprehensive Cancer Center, San Juan, Puerto Rico.

B141 **Disparities in cancer survival among US-born and foreign-born populations by race and ethnicity.** Aminu K. Abubakar, Graduate School of Public Health, St. Luke's International University, Chuo, Japan.

B142 **Multimorbidity and colorectal cancer–specific mortality in California, 2011–2021: A stratified analysis by race and ethnicity.** Diego Alvarez-Lopez, University of Southern California, Los Angeles, California.

B143 **Genomic analysis of Fanconi Anemia mutations reveals ancestry-associated differences in carrier frequency.** Andrew L. Araneo, The Feinstein Institutes for Medical Research, Manhasset, New York.

B144 **Nativity status and non-small cell lung cancer outcomes.** Jacqueline V. Aredo, Stanford Cancer Institute, Stanford, California.

B145 **Intersection of breast cancer, immune profiles, and ethnicity: Circulating chemokines and systemic inflammation effects in breast cancer.** Kenya Bynes, Morehouse School of Medicine, Atlanta, Georgia.

B146 **An EGFR hotspot mutation interacts with RBM10 to influence lung cancer risk in East Asians.** Anders B. Dohlman, Dana-Farber Cancer Institute, Boston, Massachusetts.

B147 **The use of whole genome sequencing and optical genome mapping to identify novel drivers of health disparity in pediatric leukemia in Hispanic/Latino children.** Sinisa Dovat, Penn State University College of Medicine, Hershey, Pennsylvania.

B148 **Association of coronary artery calcification found on lung cancer screening exam and all-cause mortality in patients at a large metropolitan health system.** Dakshu Jindal, Henry Ford Health, Detroit, Michigan.

B149 **Demographic shifts and rising cancer burden in minortized populations in California.** Elena Martinez, University of California, San Diego, La Jolla, California.

B150 **Early and late-stage colorectal cancer incidence mostly declined for Hispanic and Non-Hispanic White but not American Indian individuals in New Mexico from 2004-2022.** Joseph O'Dell, University of New Mexico, Albuquerque, New Mexico.

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B151   Unveiling the unseen: A multi-level analysis of prostate cancer disparities in Black men under 50 and 65+ across US States and Alabama's Black belt. Faith O. Onomeh, Stillman College, Tuscaloosa, Alabama.

B152   County-level particulate matter 2.5 exposure associated with higher rates of pediatric leukemia in Southeast Texas. Angel A. Otto, Baylor College of Medicine, Houston, Texas.

B153   Age-related disparities in acute lymphoblastic leukemia: Hispanic patients present two decades earlier with distinct clinical features. Matthew J. Slaught, Fred Hutch Cancer Center, Seattle, Washington.

B154   Cancer risk associated with type 2 diabetes among indigenous Medicaid beneficiaries in Arizona. Melinda S. Smith, Northern Arizona University, Flagstaff, Arizona.

B155   Association between mortgage lending bias and smoking cessation: The Multiethnic Cohort and Southern Community Cohort Study. Mimi Ton, University of California, San Francisco, San Francisco, California.

B156   The transcriptomic impact of cigarette smoke across human tissue types. Letonia Copeland-Hardin, The University of Chicago, Chicago, Illinois.

B157   Investigating associations between smoking history and gene expression in cultured cells. Siyeon Joo, University of Chicago, Chicago, Illinois.

B158   Implementation of a low-cost tobacco-free intervention in a permanent supportive housing program to address cancer disparities among people who have experienced homelessness. Ammar D. Siddiqi, The The University of Texas MD Anderson Cancer Center, Houston, Texas.

B159   Characterizing interactions between genomic ancestry and social determinants of health and their implications for patient outcomes by leveraging LLM-annotated smoking data in a large clinicogenomic cohort. Michele Waters, Memorial Sloan Kettering Cancer Center, New York, New York.

B160   Racial disparities in CAR T-cell therapy utilization and outcomes among patients with diffuse large B-cell lymphoma: A matched cohort study. Chidiebube Ugwu, Jefferson Einstein Philadelphia Hospital, Philadelphia, Pennsylvania.

B161   Urban-rural and racial disparities in the uptake of Immune Checkpoint Inhibitor (ICI) treatments for non-small cell lung cancer (NSCLC) – A population-based study. Mary T. Davis, Sidney Kimmel Comprehensive Cancer Center, Philadelphia, Pennsylvania.

B162   Disparities in care for malignant pleural effusion: A real-world analysis in cancer. Abner A. Murray, University of North Carolina at Chapel Hill, Durham, North Carolina.

B163   Evaluation of large language models for the translational equivalency of oncology informed consent forms from English to Spanish. Shaurya Khanna, University of Pennsylvania, Philadelphia, Pennsylvania.

B164   Trends in participant demographics in trials that led to FDA oncology approvals, 2017-2024. Shaurya Khanna, University of Pennsylvania, Philadelphia, Pennsylvania.

B165   Mediating effects of Social Vulnerability Index on historical redlining and breast cancer outcomes. Sydney P. Howard, University of Kentucky, Lexington, Kentucky.

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B166   Achieving equity and eliminating preventable cancer disparities within racial and ethnic populations: Results of the Ohio Commission on Minority Health's Medical Expert Panel on Preventable Cancers. Electra D. Paskett, The Ohio State University, Columbus, Ohio.

B167   Cold reception to a hot topic: Implementation challenges of distress screening in an academic safety net cancer center. Stephanie M. Rieder, University of New Mexico Comprehensive Cancer Center, Albuquerque, New Mexico.

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Poster Session C

Saturday, September 20

6:15-7:45 p.m.

C001   Racial and hospital factors affecting palliative care utilization in advanced cancer: An analysis of the NIS database. Muhammad Ahmed, Henry Ford Health, Clinton Township, Michigan.

C002   Racial and regional disparities in female genital cancer mortality in the United States, 1999–2020: A CDC WONDER and joinpoint regression analysis. Muhammad Ahmed, Henry Ford Health, Clinton Township, Michigan.

C003   A comparison of surveillance, epidemiology, end results (seer) and medicare claims-derived radiation and chemotherapy treatment among Black and White patients with uterine cancer. Ashley S. Felix, The Ohio State University, Columbus, Ohio.

C004   Associations between county-level implicit racial bias and survival disparities in uterine cancer. Ashley S. Felix, the Ohio State University, Columbus, Ohio.

C005   Racial disparities in second primary lung cancer after breast-radiotherapy: A SEER cohort analysis (2000 – 2022). Fares Qtaishat, University of Jordan, Amman, Jordan.

C006   Racial disparities and machine learning-based survival prediction in head and neck adenoid cystic carcinoma: A SEER cohort analysis. Fares Qtaishat, University of Jordan, Amman, Jordan.

C007   Metastatic patterns and survival in breast cancer with brain involvement: Are disparities or biology to blame? Fares Qtaishat, University of Jordan, Amman, Jordan.

C008   Trends in lower gastrointestinal cancer mortality across racial and regional groups in the United States: A CDC WONDER and Joinpoint trend analysis, 1999–2020. Shefali Khanna, Henry Ford Health, Clinton Township, Michigan.

C009   Racial and regional disparities in male genital cancer mortality in the United States, 1999–2020: A population-based CDC WONDER and joinpoint trend analysis. Bianca Mannariat, Henry Ford Health, Clinton Township, Michigan.

C010   Artificial intelligence for precision medicine: A conversational system integrating clinical, genomic, and social determinants of health data. Enrique Velazquez-Villarreal, City of Hope, Duarte, California.

C011   Differential binding affinity of CCL20 with CCR6 due to smoking-induced mutation contributes to disparity in non-small cell lung cancer. Murugesh Eswaran, Morehouse School of Medicine, Atlanta, Georgia.

C012   Atypical chemokine receptor 1 (ACKR1/DARC) is a biomarker of tumor immune response and prognosis in lung adenocarcinoma patients of African and European ancestry. Benecia Jackson, City of Hope National Medical Center, Duarte, California.

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C013   **Uncovering bacterial taxa associated with ocular surface squamous neoplasia (OSSN) through 16s rRNA gene sequencing.** Ken Kugel, University of Nebraska-Lincoln, Lincoln, Nebraska.

C014   **Training AI based CODA model for pathological analysis of prostate cancer across diverse demographics.** Jevon Layne, The Johns Hopkins University School of Medicine, Baltimore, Maryland.

C015   **A systems biology approach to understand the racial disparities in colorectal cancer.** Annabelle Nwaokorie, Accenture, Dublin, Ireland.

C016   **Computational analysis of missense mutations & amino acid substitution pattern of 12 selective cancers' candidate genes using TCGA datasets.** Lucas C. Wang, Sewickley Academy, Sewickley, Pennsylvania.

C017   **Two-decade liver and intrahepatic bile ducts cancer burden trends in Houston Methodist Neal Cancer Center catchment area.** Anil Kumar Vadathya, Houston Methodist Research Institute, Houston, Texas.

C018   **Two decades of breast cancer burden in Houston Methodist Neal Cancer Center catchment area.** Anil Kumar Vadathya, Houston Methodist Research Institute, Houston, Texas.

C019   **Two-decade cervical cancer burden in Houston Methodist Neal Cancer Center catchment area.** Anil Kumar Vadathya, Houston Methodist Research Institute, Houston, Texas.

C020   **Predicting cerebrovascular diseases death in Black cancer patients using ensemble machine learning models.** Yaman B. Ahmed, Johns Hopkins University, Baltimore, Maryland.

C021   **A conceptual framework for investigating measures of neighborhood-level structural racism and cancer health inequities developed through academic and community collaboration.** Mindy C. DeRouen, New Mexico State University, Las Cruces, New Mexico.

C022   **Integration of clinical models based on machine learning to predict pathological response to neoadjuvant chemotherapy in Colombian women with triple-negative breast cancer.** Carlos Alexander Huertas-Caro, Instituto Nacional de Cancerología, Bogotá, Colombia.

C023   **The future of prostate cancer incidence and prevalence in non-Hispanic White and Black men in the United States.** Douglas A. Monroe, National Cancer Institute, National Institutes of Health, Rockville, Maryland.

C024   **Historical redlining, race, poverty, and lung cancer incidence: A sub-borough level analysis in New York city.** Jordan E. O'Brien, Columbia University, New York, New York.

C025   **Integrating health disparities and AI/ML-driven survival prediction in critically ill patients with multiple primary malignancies.** Joab O. Odera, Duke University School of Medicine, Durham, North Carolina.

C026   **Global disparities in melanoma incidence, mortality and mortality-to-incidence ratio: An analytical framework utilizing the human development index.** Joseph A. Pinto, Universidad Privada San Juan Bautista, Lima, Peru.

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C027   Invasive breast cancer risk scores among Caribbean women within a 5-year period and up to age 90 (lifetime risk): A case-control study in Puerto Rico. Desire Vázquez-Ortiz, Department of Mathematics, University of Puerto Rico–Río Piedras, San Juan, Puerto Rico.

C028   Next-generation breast cancer detection: Harnessing AI, machine learning, and deep learning neural network model for highest accuracy, non-invasive, cost-effective early intervention and superior survival outcomes. Gokul P. Kesav, Enloe Magnet High School, Raleigh, North Carolina.

C029   The SGM Cancer CARE Workshop: A conversation on the importance of providing training, mentoring and networking to address cancer disparities for underserved populations in the face of changing federal priorities. Shine Chang, The The University of Texas MD Anderson Cancer Center, Houston, Texas.

C030   Factors that influence burnout of clinical and research faculty: New insights from a cancer center. Shine Chang, The The University of Texas MD Anderson Cancer Center, Houston, Texas.

C031   Leveraging powerful NIH biosketches to foster trainee careers in cancer: A workshop. Shine Chang, The The University of Texas MD Anderson Cancer Center, Houston, Texas.

C032   Empowering the next generation: Evaluating a training program for diverse cancer prevention researchers. Hwa Young Lee, The The University of Texas MD Anderson Cancer Center, Houston, Texas.

C033   Outcomes from the first two years of a nationwide interchapter competition to address racial disparities in a marrow registry. Yoonhee P. Ha, Department of Medicine, The Johns Hopkins University School of Medicine, Baltimore, Maryland.

C034   Genetic ancestry in Colombian men with suspected prostate cancer and its association with novel early detection biomarkers. Dayanne M. Rodríguez Hernández, Instituto Nacional de Cancerología, Bogotá, Colombia.

C035   Gut virome remodeling in HIV–helminth co-infection reflects colorectal cancer–associated signatures in a South African cohort. Botle Precious Damane, University of KwaZulu-Natal, Durban, South Africa.

C036   From pixels to prognosis: Attention-based chain of thought reasoning for automated spine cancer image analysis. Vedant Malik, Parkland High School, Allentown, Pennsylvania.

C037   Diurnal cortisol profiles of Chinese American breast cancer survivors. Eunju Choi, The The University of Texas MD Anderson Cancer Center, Houston, Texas.

C038   Addition of clinical demographic covariates to arsenic-associated lung cancer risk model improves performance. Joshua D. Kennedy, Drury University, Springfield, Missouri.

C039   Evaluation of allostatic load and urinary surrogate markers as biomarkers of stress in prostate cancer patients. Ashlie M. Santaliz Casiano, National Cancer Institute, National Institutes of Health, Greenbelt, Maryland.

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C040   Association between rs16906115 and other germline variants associated with immunotherapy modulation and breast cancer risk across populations. Jonathan Wooten, National Cancer Institute, National Institutes of Health, Bethesda, Maryland.

C041   Multi-Omics profiling of high-grade serous ovarian cancer reveals ancestry-associated molecular and tumor microenvironmental differences. Ayodele Omotoso, University of Miami, Miami, Florida.

C042   Application of the molecular subclassification of vulvar squamous cell carcinoma in a South African patient cohort. Mukuzo Fortunat Bagula, Stellenbosch University, Cape Town, South Africa.

C043   Prognostic value of RAS mutations, HER2, and COX2 expression in colon cancer: A large Moroccan cohort study. Fatima El Agy, Laboratory of Biomedical and Translational Research, Faculty of Medicine and Pharmacy, Sidi Mohamed Ben Abdellah University, Fez, Morocco.

C044   The role of cryptochrome 1 (CRY1) on oncometabolic rewiring and tumor progression in lethal prostate cancer. Arwa Fallatah, Henry M. Jackson Foundation for the Advancement of Military Medicine, Bethesda, Maryland.

C045   Evaluating AMACR and 34βE1 as diagnostic biomarkers in prostate tumors: Insights into health disparities and public health challenges in vulnerable populations. Enoch Chibuike Okorochi, Joseph Ayo Babalola University, Osun, Nigeria.

C046   Unraveling prostate cancer biomarkers: A comparative analysis of alpha-methylacyl-coa racemase and p63 in wistar rats to address health disparities. Chinenye Mary Okorochi, Babcock University, Ilishan, Nigeria.

C047   Snail transcription factor promotes neurite outgrowth in prostate and breast cancer cells. Janae M. Ambrose-John, Morgan State University, Baltimore, Maryland.

C048   Socioeconomic and clinical determinants of timely supportive care medication use in pancreatic cancer: A national cohort study. John M. Allen, Purdue University, West Lafayette, Indiana.

C049   Neighborhood-level socioeconomic status influences supportive care medication use among older adults with pancreatic cancer. Kourtney A. Byrd, Purdue University, West Lafayette, Indiana.

C050   Opioid prescription patterns in adults with advanced pancreatic cancer in Puerto Rico, 2012-2021. Adam Cordle, The Ohio State University College of Medicine, Columbus, Ohio.

C051   Racial and ethnic disparities in end-of-life acute care use among hepatobiliary cancer patients: A 13-year population-based study in California. Khyati S. Dasika, Northwestern University, Chicago, Illinois.

C052   Preclinical evaluation of therapeutics in gastric cancer using diverse patient-derived models. Leslie Cuellar-Vite, University of California, Davis, Davis, California.

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C053   Pleurotus ostreatus ethanolic extract suppresses cell proliferation and restores apoptotic and DNA repair pathways in DMBA-NMU-induced breast cancer in female Sprague Dawley rats. Magdalene Eno Effiong, Covenant University, Ota, Nigeria.

C054   Pharmacogenomics evaluation of histone deacetylase inhibitors on the treatment of triple-negative breast cancer subtypes. Bright Obeng, US Food & Drug Administration - National Center for Toxicological Research, Jefferson, Arkansas.

C055   Health-related quality of life among cancer survivors in Puerto Rico: Association with non-oncologic comorbidity burden. Daniela L. López-Vallejo, University of Puerto Rico, Medical Science Campus, San Juan, Puerto Rico.

C056   Evaluating minority clinical trial participation and the impact of COVID-19 on enrollment in a large integrated academic satellite. Chidinma Anakwenze, The University of Texas MD Anderson Cancer Center, League City, Texas.

C057   Associations between accelerated epigenetic age and patient-reported outcomes in cancer patients. Sonia T. Brickey, University of South Florida Morsani College of Medicine, Tampa, Florida.

C058   An evaluation of sleep and c-reactive protein in women with breast cancer by using the All of Us dataset. Layja Grant, Xavier University of Louisiana, New Orleans, Louisiana.

C059   Disparities in area-level socioeconomic status and head and neck cancer specific quality of life. Mrudula Nair, Henry Ford Health, Detroit, Michigan.

C060   Prostate cancer outcomes in a cohort of unfavorable-intermediate and high-risk patients who underwent external beam radiation therapy at military treatment facilities from 1990 to 2017: Comparing African American and White patients. Jongeun Rhee, Center for Prostate Disease Research, Murtha Cancer Center Research Program, Department of Surgery, Uniformed Services University of the Health Sciences, Bethesda, Maryland.

C062   Barriers to end-of-life discussions with advanced cancer patients: Experiences of Puerto Rican oncologists. Marjorie Vazquez-Roldan, University of Puerto Rico Comprehensive Cancer Center, San Juan, Puerto Rico.

C063   Risk of subsequent uterine or ovarian cancers in breast cancer survivors by cancer subtype and race-ethnicity. Akemi T. Wijayabahu, National Cancer Institute, National Institutes of Health, North Bethesda, Maryland.

C064   Feasibility of an interventional clinical trial addressing prostate cancer disparities in Black men by decentralization (DCT): A potential solution to disparities in clinical trial participation. Sandra Casanova, Mayo Clinic, Jacksonville, Florida.

C065   Vaccine-enhanced adoptive cell therapy combined with one dose of platinum-based chemotherapy improves survival outcomes compared to standard of care 4-dose carboplatin in companion dogs with osteosarcoma. Jeffrey N. Bryan, College of Veterinary Medicine, University of Missouri, Columbia, Missouri.

C066   Comparative analysis of three cohorts of patients with cervical cancer in Puerto Rico: Treatment patterns and survival outcomes during a baseline period vs. hurricanes and the COVID-

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19 pandemic. Yisel Pagan, University of Puerto Rico - Comprehensive Cancer Center, San Juan, Puerto Rico.

C067   Race and age-related differences in adjuvant chemotherapy use for hormone receptor-positive/HER2-negative breast cancer by genomic risk. Jincong Q. Freeman, The University of Chicago, Chicago, Illinois.

C068   Barriers to psychosocial services use among Latina breast cancer survivors: Insights to encourage patient engagement with mental health care. Melissa Gaviria Garrido, Memorial Sloan Kettering Cancer Center, New York, New York.

C069   Experienced delays in cervical cancer care among women living with HIV in Puerto Rico. Marievelisse Soto-Salgado, University of Puerto Rico Comprehensive Cancer Center, San Juan, Puerto Rico.

C070   Real-world treatment patterns and survival in ALK+ early NSCLC. Shanshan Du, Shandong Cancer Hospital and Institute, Jinan, China.

C071   Association of sacituzumab govitecan treatment's side effects and survival outcomes with age and race among triple negative breast cancer patients. Winni Gao, Drexel University College of Medicine, Philadelphia, Pennsylvania.

C072   Evidence of more highly activated anti-tumor immunity in Hispanic/Latinx patients with breast cancer and associated social determinants of health. Nana A. K. Gyabaah-Kessie, Keck School of Medicine of USC, Los Angeles, California.

C073   Differences in short-term complications after cancer surgery by HIV status among Medicaid beneficiaries from 2001-2021. Corinne Joshu, Johns Hopkins Bloomberg School of Public Health, Baltimore, Maryland.

C074   Supporting language access for persons with a cancer diagnosis. Ana Maria Lopez, Thomas Jefferson University, Philadelphia, Pennsylvania.

C075   Effects of lactobacillus plantarum and lactobacillus reuteri on pro-oncogenic phenotypes in inflammatory breast cancer. Ayub Napel Shahada, University of Puerto Rico Comprehensive Cancer Center, San Juan, Puerto Rico.

C076   Real-world outcomes of enfortumab vedotin and pembrolizumab in metastatic urothelial carcinoma at an urban academic center. Muhammad A. Shahid, Henry Ford Cancer Institute, Detroit, Michigan.

C077   Germline pathogenic variant profiling of DNA double-strand break repair pathways in populations with African and European genetic ancestry. Musinu Zakari, Fox Chase Cancer Center, Philadelphia, Pennsylvania.

C078   Delineating the role of the homocysteine-folate-TYMS axis and uracil accumulation in African American prostate cancer patients. Kimiko L. Krieger, Johns Hopkins University, Baltimore, Maryland.

C079   Increased AID results in mutations at the CRLF2 locus implicated in Latin American ALL health disparities. Nicholas Pannunzio, University of California, Irvine, Irvine, California.

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C080   Biosocial disparities drive glycoxidation to induce adipocyte differentiation in the prostate tumor microenvironment. Fariha Imtiaz, VCU Massey Comprehensive Cancer Center, Richmond, Virginia.

C081   CD1d overexpression in triple negative breast cancer: A key factor of racial disparities in tumor progression and tumor microenvironment. Ritis Kumar Shyanti, Alabama State University, Montgomery, Alabama.

C082   A case of intracranial myeloid sarcoma discovered after a subdural hematoma. Bianca Vahia, Broward Health Medical Center, Fort Lauderdale, Florida.

C083   Kaiso defines distinct chromatin and protein interaction networks in breast cancer: Implications for precision therapy. Sazaul Morshed Sazib, Tuskegee University, Tuskegee, Alabama.

C084   Breast tumor methylation landscape by estrogen receptor status and race using an NGS Methylation Detection System. Jasmine M. Miller-Kleinhenz, University of Mississippi Medical Center, Jackson, Mississippi.

C085   A pilot study to identify DNA methylation biomarkers associated with African ancestry in Latin-American breast cancers. Lissette Delgado-Cruzata, John Jay College, The City University of New York, New York, New York.

C086   Specific DNA methylation patterns are associated with lower survival in Afro-Brazilian breast cancers. Lissette Delgado-Cruzata, John Jay College, The City University of New York, New York, New York.

C087   Analysis of the chromatin accessibility landscape in patients with localized prostate cancer. Beatriz German Falcon, Center for Prostate Disease Research (CPDR), Bethesda, Maryland.

C088   Understanding the role of tumor suppressor gene ARID1A in gastric cancer development and therapeutic response. Nicole Halmai, University of California, Davis, Davis, California.

C089   Modulation of DNA methylation by plasma folate and heavy metals in relation to prostate cancer aggressiveness. Ping-Ching Hsu, University of Arkansas for Medical Sciences, Little Rock, Arkansas.

C090   Detecting epigenetic signatures to prevent avoidable racial inequities in triple-negative breast cancer (desparit): A pilot study. Jennifer Sims-Mourtada, Helen F. Graham Cancer Center and Research Institute at ChristianaCare, Newark, Delaware.

C091   Health disparities by sex and cancer type among suicide decedents. Brandy M. Byrwa-Hill, University of Utah Huntsman Cancer Institute, Salt Lake City, Utah.

C092   Characterizing cardiovascular health by cancer survivorship using a novel AHA framework. Rahma Ibrahim, Weill Cornell Medicine, New York, New York.

C093   Disparities and trends in oncology telehealth utilization among medicare beneficiaries. Sakshith Reddy Chintala, University of California, San Diego Health, La Jolla, California.

C094   Healthcare use patterns among patients with cancer referred to patient navigation. Sakshith Reddy Chintala, University of California, San Diego Health, La Jolla, California.

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C095   Self-reported oral health indicators and lifestyle risk factors for oropharyngeal cancer in people living with HIV in Puerto Rico, Mexico and San Francisco. Celianne M. Viera Rodriguez, University of Puerto Rico, Medical Science Campus, San Juan, Puerto Rico.

C096   Association of the social vulnerability index with chronic lymphocytic leukemia incidence and survival rates in metropolitan Detroit. Diana Duque, Wayne State University School of Medicine, Detroit, Michigan.

C097   Racial and socioeconomic disparities in surgical treatment and outcomes for lung cancer before, during, and after the COVID-19 pandemic: A national inpatient sample study (2016–2022). Nehemias Guevara Rodriguez, Saint Louis University, School of Medicine, Department of Internal Medicine, Division of Hematology Oncology and Bone Marrow Transplant, St. Louis, Missouri.

C098   Analysis of disparities in access to modern cancer therapies based on the place of residence (rural/urban) of participants. Izabela Gudewicz, Department of Oncology and Radiotherapy, Medical University of Gdansk, Gdansk, Poland.

C099   Development of the Mammography Health Equity Quality Improvement Learning Collaborative. Lewis A. Jordan, University of Wisconsin-Madison, Madison, Wisconsin.

C100   Geospatial access to CAR-T clinical trials for non-Hodgkin lymphoma in the United States: Are persons with HIV included? Luke Maillie, Abramson Cancer Center, University of Pennsylvania, Philadelphia, Pennsylvania.

C101   Impact of social risks on acute and preventive care in AYA cancer survivors. Carol Y. Ochoa-Dominguez, University of California, San Diego, San Diego, California.

C102   Access and outcome disparities in immunotherapy: A comparative analysis of medicaid vs. Private insurance using linked johns hopkins ehr and claims data. Chintan Pandya, Johns Hopkins Bloomberg School of Public Health, Baltimore, Maryland.

C103   Interventions addressing social needs during cancer care: A scoping review. Victoria M. Telles, UC San Diego/San Diego State University, San Diego, California.

C104   Expanding clinical trial offerings to veterans: A modified ethnographic approach to document and analyze forming a research partnership between an academic cancer center and a veterans affairs medical center. Heather McKee Hurwitz, Cleveland Clinic Cancer Institute, Cleveland, Ohio.

C105   Insurance-driven disparities in colorectal cancer: A two-decade mediation analysis and proposal for a risk-informed clinical tool. Elias Arellano Villanueva, The University of Texas Rio Grande Valley, Edinburg, Texas.

C106   Income inequality and its influence on cancer mortality: A 20-year longitudinal study across 73 countries. Jaesung Choi, St. Jude Children's Research Hospital, Memphis, Tennessee.

C107   Trends in utilization and cost of lung cancer targeted therapies by rural-urban status, 2013–2023. Dongjun Lee, American Cancer Society, Atlanta, Georgia.

C108   Breast cancer experiences of sexual minority men: A qualitative analysis of the out national cancer survey data. Kristi Tredway, Oregon Health & Science University, Portland, Oregon.

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C109   Single-nucleus sequencing reveals a functionally distinct breast tumor microenvironment by ancestral group with implications for disease progression and therapy. Alexandra R. Harris, National Cancer Institute, National Institutes of Health, Potomac, Maryland.

C110   Divergent immune surveillance in Black and White TNBC patients: Circulating and lymph node signatures. Sheeba Irshad, King's College London, London, United Kingdom.

C111   Differential somatic allelic loss of chromosome 9p21-24 among Black and White colon cancers. John M. Carethers, UC San Diego, La Jolla, California.

C112   The carcinogenic role MCM10 in colorectal cancer progression and Hispanics' health disparities. Md Zahirul Islam Khan, The University of Texas at El Paso, El Paso, Texas.

C113   All by All browser analysis: Comparative assessment of colorectal cancer variant distributions in African and European ancestry populations in the All of Us research program. Ijeoma J. Nnadozie, Keck Graduate Institute, Claremont, California.

C114   Analysis of key microbial signatures and immune response interactions in colorectal cancer cases. Byron K. Olivo-Natal, University of Puerto Rico Comprehensive Cancer Center, San Juan, Puerto Rico.

C115   Understanding the role of PSIP1/LEDGFp75 in prostate cancer therapy resistance and race-related disparities. Yasmine Baca, Caris Life Sciences, Phoenix, Arizona.

C116   Genetic ancestry concordant ceramide metabolism and response to androgen receptor pathway inhibition in metastatic castration-resistant prostate cancer. Jennifer A. Freedman, Duke University School of Medicine, Durham, North Carolina.

C117   Serum dehydroepiandrosterone sulfate (DHEAS) and race associated with longer survival in patients (pts) treated with apalutamide (Apa) and abiraterone acetate (AA) plus prednisone (P) in the PANTHER study. Daniel J. George, Duke University School of Medicine, Durham, North Carolina.

C118   AI/ML-assisted detection of HMGA2 RNA isoforms in prostate cancer patient tissue. Bor-Jang Hwang, Morgan State University, Department of Biology, Baltimore, Maryland.

C119   Efficacy and safety of darolutamide in Black/African American patients with nonmetastatic castration-resistant prostate cancer (nmCRPC) across clinical and real-world studies: An analysis of ARAMIS, DAROL, DEAR-EXT. Nasreen Khan, Bayer HealthCare Pharmaceuticals, Inc., Whippany, New Jersey.

C120   Spatial transcriptomic analysis of patient-derived explants identifies biomarkers of aggressive disease. Orly Richter, Uniformed Services University of the Health Sciences, Bethesda, Maryland.

C121   Cancer outreach and community engagement through a collaboration with a federally qualified health center: Promoting cancer screening recommendations for Native Hawaiian and Pacific Islanders in Hawai'i. Mark L. Willingham Jr., University of Hawai'i Cancer Center, Honolulu, Hawaii.

C122   Barriers to mammograms: Examining sociodemographic disparities in breast cancer screening. Daniel Sabater Minarim, University of California, San Diego - Health, San Diego, California.

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C123   Racial inequities in provider-initiated lung cancer screening discussions among current and former smokers. Ya Yang, University of California, Davis, Davis, California.

C124   An effective and affordable blood test for lung cancer early detection using four protein markers and artificial intelligence. Mao Mao, Research & Development, SeekIn Inc/Yonsei Song-Dang Institute for Cancer Research, Yonsei University, San Diego, California.

C125   A cost-effective, blood-based multi-cancer detection test validated in a large-scale study across diverse sample types, platforms, and populations. Mao Mao, Research & Development, SeekIn Inc, San Diego, California.

C126   Low-cost blood test to assist cancer diagnosis in patients with tissue masses. Mao Mao, Research & Development, SeekIn Inc, San Diego, California.

C127   Oncoseek 2.0: Enhanced-sensitivity blood test for multi-cancer early detection. Mao Mao, Research & Development, SeekIn Inc, San Diego, California.

C128   Cross-catchment area collaboration: design and interim recruitment outcomes of a multi-modal, multi-level patient navigation intervention for lung cancer screening in the Southeast US. Amber S. McCoy, Medical University of South Carolina Hollings Cancer Center, Charleston, South Carolina.

C129   Evaluating the effectiveness of a multi-level patient navigation approach for multiple cancer screening types in a South Carolina academic health system. Amber S. McCoy, Medical University of South Carolina Hollings Cancer Center, Charleston, South Carolina.

C130   Predictors of late diagnosis of prostate cancer in sub-saharan Africa: Opportunities to improve outcomes. Moyinoluwa Akinwumi, Lakeshore Cancer Center, Lagos, Nigeria.

C131   Acceptability of HPV self-collection for cervical cancer prevention. Isabella An, University of Pennsylvania, Philadelphia, Pennsylvania.

C132   Providing choices to enhance uptake in cancer prevention and early detection measures in African Americans in rural and urban Southern churches in Georgia. Kiara Houston, Augusta University, Augusta, Georgia.

C133   Equitable lung cancer screening outcomes and follow-up attendance across racial and socioeconomic groups in Missouri and Illinois. Beryne Odeny, Washington University School of Medicine, Saint Louis, Missouri.

C134   Trends in prostate cancer disparities among diverse populations in Philadelphia. Oluwademilade Adefarati, Fox Chase Cancer Center, Philadelphia, Pennsylvania.

C135   Estimating lung cancer screening eligibility and utilization in Guam. Cabrini Aguon, University of Guam, Mangilao, Guam.

C136   Cardiometabolic comorbidities and racial differences in cervical lesion development. Shreya S. Balasani, Virginia Commonwealth University, Richmond, Virginia.

C137   Racial/ethnic disparities in reasons for colonoscopy testing: Contribution of education level and insurance type, US adults, 2019-2023. Priti Bandi, American Cancer Society, Atlanta, Georgia.

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C138   Influence of demographic factors and knowledge on prostate cancer screening attitude and research participation among Black men. Opeyemi O. Bolajoko, Mayo Clinic, Jacksonville, Florida.

C139   DCIS incidence rates: An age-period-cohort analysis using SEER-17 linked to census tract-level attributes. Quiera S. Booker, National Cancer Institute, National Institutes of Health, Rockville, Maryland.

C140   Multi-sector collaboration to deliver trustworthy and accessible cancer education and screening via hybrid community outreach media platforms: Preliminary results from the CARES program. Maria A. Combs, Atrium Health Wake Forest Baptist Comprehensive Cancer Center, Winston Salem, North Carolina.

C141   Highlighting community voices: The formation of the first American Indian/Alaska Native/Native Hawaiian cancer consortium. Stephen R. Dial, UNC Lineberger Cancer Center, Durham, North Carolina.

C142   Regional availability of lung cancer screening facilities in the year prior to diagnosis among non-Hispanic American Indians and White patients. Marc A. Emerson, University of North Carolina at Chapel Hill, Chapel Hill, North Carolina.

C143   Prevalence and progression of pre-invasive cervical lesions during pregnancy at the University of Ilorin Teaching Hospital, Ilorin, Nigeria. Adegboyega Adisa Fawole, University of Ilorin, Ilorin, Nigeria.

C144   The association between social determinants of health and cancer screening: Cross-sectional survey results from the National Health Interview Survey. Cameron Fox, University of Wisconsin-Madison, Madison, Wisconsin.

C145   Baseline participant characteristics from PATHFINDER 2, a prospective interventional study of a multi-cancer early detection test in a population setting. Shirish Gadgeel, Henry Ford Health, Detroit, Michigan.

C146   Cervical cancer screening guideline concordance among sexual minority females in the 2019, 2021, and 2023 National Health Interview Survey (NHIS). Summer V. Harvey, Milken Institute School of Public Health, George Washington University, Washington, District of Columbia.

C147   Cervical cancer screening adherence on Chicago's West and South sides. Grace Kadubek, Equal Hope, Chicago, Illinois.

C148   A literature review on patient intervention strategies to improve cancer screening adherence. Mariah Lilly, Guardant Health, Palo Alto, California.

C149   Prevalence of breast, cervical, and colorectal cancer screening among adults according to disability type and difficulty severity, United States, 2021 and 2023. Natalia Mazzitelli, American Cancer Society, Atlanta, Georgia.

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C150   The association between discrimination and mammography screening: Cross-sectional survey results from the National Health Interview Survey. Arissa Milton, University of Wisconsin - School of Medicine and Public Health, Madison, Wisconsin.

C151   Factors associated with patient refusals for lung cancer screening referrals at a New York city-based cancer center: A qualitative exploration. Deborah Min, NYU Langone Health, New York, New York.

C152   Bronchoscopy-informed recruitment to enhance equity in lung cancer clinical research: A pilot initiative at Novant Health oncology clinical research. Amnazo Muhirwa, Novant Health, Winston Salem, North Carolina.

C153   Findings from the breast and cervical navigation in communities for equity (BC-NiCE) study: A community health worker/patient navigator model to decrease screening disparities. Timiya S. Nolan, University of Alabama at Birmingham, Heersink School of Medicine, Division of General Internal Medicine and Population Science, Birmingham, Alabama.

C154   "It's all about trust"- A qualitative study to inform a salon-based HPV self-collection intervention. Kelly N.B. Palmer, University of Alabama at Birmingham, Birmingham, Alabama.

C155   Characteristics associated with patient activation and medical mistrust among lung cancer screening eligible patients in a multilevel intervention. Anu Sangraula, Georgetown Lombardi Comprehensive Cancer Center, Washington, District of Columbia.

C156   Association between physical activity and up-to-date cancer screening in a rural, primarily Hispanic border county. Savannah Shifflett, San Diego State University, San Diego, California.

C157   Disparities in routine cancer screening by depression and anxiety status in the US. Jessica Star, American Cancer Society, Atlanta, Georgia.

C158   Bridging gaps through partnership: A community-academic-government-industry approach to advancing cancer equity for Black women in the South. DeBran Tarver, Black Women's Health Imperative, Atlanta, Georgia.

C159   Advancing equity in hereditary cancer risk reduction: Social determinants of health and genetic counseling and testing uptake among Latinas. Paola Torres, University of Illinois at Chicago, Chicago, Illinois.

C160   Risk stratification of red flag signs and symptoms for early-onset colorectal cancer detection. Lola Van Doosselaere, University of California, San Diego, La Jolla, California.

C161   Community health workers' perspectives on barriers and facilitators to cervical cancer screening among older Hispanic women. Coralia Vazquez-Otero, The University of Texas at San Antonio, San Antonio, Texas.

C162   Racial and ethnic differences in COPD clinical phenotypes and their association with lung cancer screening utilization. Caretia J. Washington, University of Florida, Gainesville, Florida.

C163   Colorectal cancer screening: Perspectives from farmers and ranchers in the Midwest. Shinobu Watanabe-Galloway, University of Nebraska Medical Center, Omaha, Nebraska.

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C164   Disparities in sociodemographic characteristics and cancer burden in census tracts without access to lung cancer screening facilities. Alex C. Watts, University of Pennsylvania, Philadelphia, Pennsylvania.

C165   Preventive health experiences of migrant Muslim women in Australia: Breast and cervical screening participation and HPV vaccination uptake. Tahira Yeasmeen, The University of Melbourne, Oviedo, Florida.

C166   Development of a residual Pap smear biobank to power translational research and address health disparities in cervical cancer. Bahira Ahmed, Virginia Commonwealth University School of Medicine, Richmond, Virginia.

C167   Early cosmetic product use and age at menarche among Hispanic women in Puerto Rico: Preliminary findings from the HERSAFE study. Nancy R. Cardona, University of Puerto Rico Comprehensive Cancer Center, San Juan, Puerto Rico.

C168   Targeting overexpressed TTK and NEK2 decreases early metastatic potential of triple-negative breast cancer cell lines. Alexandra N. Aquino-Acevedo, Ponce Health Sciences University, Ponce, Puerto Rico.

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