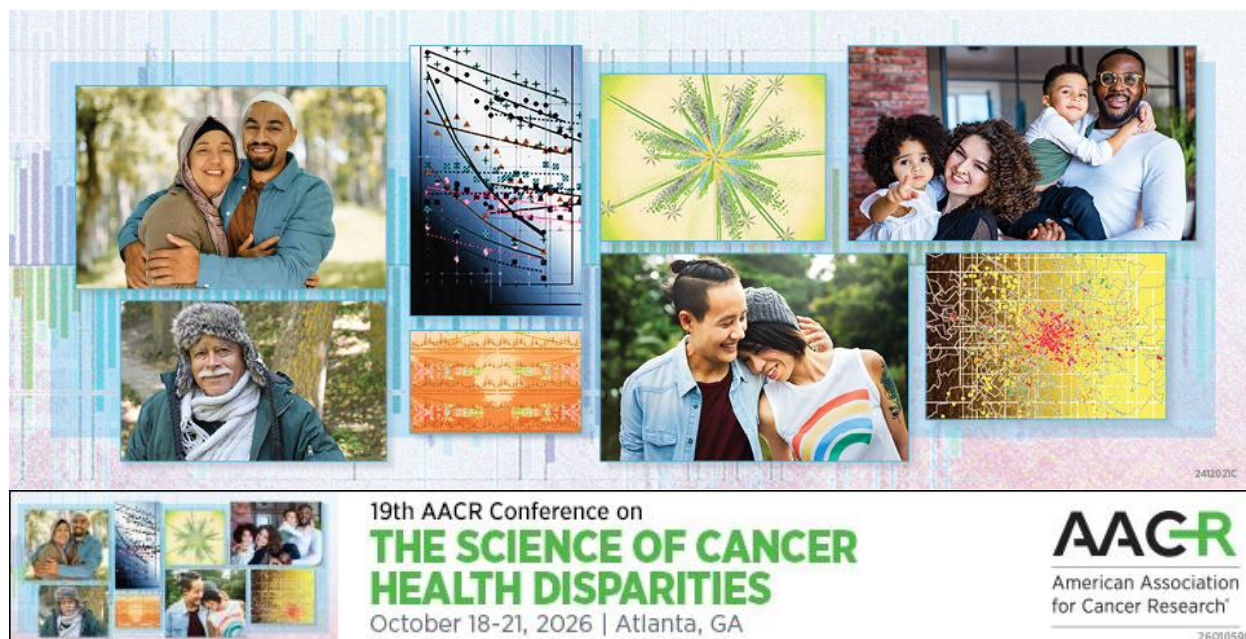




POSTER LISTING

POSTER SESSION A
POSTER SESSION B
POSTER SESSION C

**Current as of September 20, 2026*



Poster Session A

Sunday, October 18

7:00-8:30 p.m.

Galleria Exhibit Hall 2,3,5,6,7

A001 Temporal trends in mortality from malignant bone and articular cartilage neoplasms in the United States, 1999-2024. Luyuan Li, North Alabama Medical Center, Florence, Alabama.

A002 Impact of community-based patient navigation on treatment adherence among rural cancer patients in Eastern India. Aditya Manna, MAS Clinic & Hospital, Tamluk, India.

A003 Do NCI-designated cancer center websites meet the information needs of cancer patients and family caregivers? A national content analysis. Zhenni Wang, The Hun School of Princeton, Princeton, New Jersey.

A004 Mapping the unequal cancer burden of India: Geographic, urban-rural, and sex-based disparities across population based cancer registries. Mukesh K. Patel, Temple University, Philadelphia, Pennsylvania.

A005 Characterizing fifty years of neighborhood histories using group-based trajectory modeling and sequence analysis (1970-2020). Alice Guan, University of California, San Francisco, San Francisco, California.

A006 Gentrification and mortality among Black cancer survivors: Results from the Detroit Research on Cancer Survivors (ROCS) cohort. Theresa A. Hastert, Karmanos Cancer Institute / Wayne State University School of Medicine, Detroit, Michigan.

A007 Assessing trajectories of county-level social vulnerability and mortality risk among breast cancer survivors in the United States, 2005-2019. Katherine L. Ho, UCLA Fielding School of Public Health, Los Angeles, California.

A008 Comparing ADI and ICE over time: Implications for measuring neighborhood context in longitudinal cancer cohorts. Katherine Lee, Aflac Cancer and Blood Disorders Center of Children's Healthcare of Atlanta, Atlanta, Georgia.

A009 Beyond social vulnerability: Identifying Counties with excess advanced-stage lung cancer burden across the Houston Methodist catchment area. Khamron Micheals, Houston Methodist Dr. Mary and Ron Neal Cancer Center, Houston, Texas.

A010 Shared neighborhood determinants of breast, colorectal, and cervical cancer screening in Arkansas: A spatial-ecological study. Rutu Rathod, University of Arkansas for Medical Sciences, Little Rock, Arkansas.

A011 Automating evidence synthesis: Piloting a rapid review of food insecurity, tobacco use, and cessation. Douglas A. Monroe, National Cancer Institute, Rockville, Maryland.

A012 Changes in providers' pro-cessation beliefs moderate improvement in cigarette screening and 5As delivery in rural healthcare centers following a tobacco free workplace program participation. Simbiat Eji-lasisi, University of Texas MD Anderson Cancer Center, Houston, Texas.

A013 Increases in provider tobacco cessation training improve non-cigarette tobacco use screening and 5As delivery in rural and medically underserved healthcare settings. Emmanuel Eziakor, The University of Texas MD Anderson Cancer Center, Houston, Texas.

A014 Perceived risk and smoking behaviors among Black college students: Implications for cancer prevention and health equity. Shannon Hughley, Howard University, Washington, District of Columbia.

A015 Willingness to accept social referrals among African American and White men who smoke. Alexandra L. Lindgren, University of Southern California Keck School of Medicine, Los Angeles, California.

A016 Variation in exposure to cigarette, cigar, and cannabis smoke and electronic vapor product aerosol among US adults by demographics and state policy. Joyce Lokanga Milandu, National Institute on Minority Health and Health Disparities, Bethesda, Maryland.

A017 Substance use disorder prevalence among cancer survivors in the United States: A nationally representative analysis. Sarah O'Shea, New Jersey Medical School, Rutgers University, Newark, New Jersey.

A018 Asian American young adults who vape and their interest in vaping-related health education. Lilianna Phan, Drexel University, Philadelphia, Pennsylvania.

A019 Ecological momentary assessment of vaping among Asian American young adults. Lilianna Phan, Drexel University, Philadelphia, Pennsylvania.

A020 Health information seeking, alcohol use, alcohol-cancer risk perceptions, and policy support among U.S. adults: A cross-sectional analysis of HINTS 7. Sreeja Reddy Puchala, University of Texas at Arlington, Arlington, Texas.

A021 Structural and behavioral health disparities in alcohol and tobacco use assessment and treatment in oncology care in Kenya: Perspectives from patients and health care professionals. Madison E. Rowley, University of Massachusetts Lowell, Lowell, Massachusetts.

A022 Preparing alcohol, tobacco, and other drugs (ATOD) researchers pursuing health equity in navigating structural challenges: A phenomenological study. Mhyank S. Sekhar, University of Texas MD Anderson Cancer Center, Houston, Texas.

A023 Evaluating the effectiveness of a tailored text messaging smoking cessation intervention for young adults in South Texas. Sandra Sivak, UT Health San Antonio, San Antonio, Texas.



A024 Substance use disorder–associated cancer mortality in the United States, 1999–2020: Widening geographic and rural–urban disparities. Lakshmi Chandana Velaga, Northwest Medical Center, Tucson, Arizona.

A025 A pilot HPV self sampling intervention for cervical cancer screening among African American and African-born Black women. Adebola Adegboyega, University of Kentucky, Lexington, Kentucky.

A026 Effects of the Men Moving Forward lifestyle intervention on health and functional outcomes among African American men with prostate cancer. Iwalola A. Awoyinka, Medical College of Wisconsin, Milwaukee, Wisconsin.

A027 A stakeholder-engaged approach in developing a multisectoral food insecurity intervention to address diet-related cancer risk among federally qualified health center patients. Nyahne Q. Bergeron, University of Illinois Chicago, Chicago, Illinois.

A028 Implementation of a tobacco-free workplace program in a LGBTQ+ health center: A qualitative analysis. Abigail E. Bergey, University of Houston, Houston, Texas.

A029 Bridging the burden: A narrative review of mindfulness-based interventions for African American cancer caregivers. Brooke Bethune, Moffit Cancer Center, Tampa, Florida.

A030 Implementation of a regional SDOH patient navigation program. Kelsie Campbell, University of Southern California, Los Angeles, California.

A031 Barriers related to breast cancer screening in Puerto Rico: Findings from a multilevel clinical trial - Monitoreo Activo de Mamografía y Orientación (MAMO). Karelys I. Canales-Birriel, University of Puerto Rico Comprehensive Cancer Center, San Juan, Puerto Rico.

A032 Developing a cross-center collaboration for cancer health education and community impact. Nazleen Del Rio, University of Florida, Orlando, Florida.

A033 The prostate health equity project: A community-academic model for addressing prostate cancer disparities among Black men in Milwaukee. Jayme Ewens, Medical College of Wisconsin, Milwaukee, Wisconsin.

A034 Community led design of a digital nutrition education tool to address food insecurity and diet quality among individuals at high cancer risk: Findings from the development year of HARVEST Chicago. Mackenzie A. Ferguson, University of Illinois Chicago, Chicago, Illinois.

A035 Using participant feedback to strengthen a produce distribution program supporting dietary quality in older Veterans. Morgan T. Fique, University of Maryland School of Medicine, Baltimore, Maryland.

A036 Cross-system care coordination to reduce structural barriers in cancer care for American Indian patients: Early outcomes from a Tribal-academic pilot (C-3PO). Katy Fisher-Cunningham, University of Oklahoma Health Sciences Stephenson Cancer Center (SCC), Oklahoma City, Oklahoma.

A037 Expanding access to cervical cancer screening in Philadelphia: A novel HPV self-collection program. Carmen E. Guerra, Perelman School of Medicine at the University of Pennsylvania, Philadelphia, Pennsylvania.

A038 Barbershop Uncut Stories - A theatre production to raise prostate cancer awareness and promote early diagnosis in Black communities. Lorna Jones, C & Hair CIC, London, United Kingdom.

A039 Acceptability and outcomes of a community-based physical activity program among older cancer survivors in a racially and ethnically diverse cohort. Che Young Lee, The University of Texas MD Anderson Cancer Center, Houston, Texas.

A040 Exploring intervention dosage and participant-driven mammography promotion: Early findings from the MADRE study. Yamile Molina, University of Illinois Chicago, Chicago, Illinois.

A041 Informing future adaptive interventions to address breast cancer screening disparities: Baseline predictors of informal breast health promotion among participants overdue for screening. Yamile Molina, University of Illinois Chicago, Chicago, Illinois.

A042 Reducing prostate cancer disparities: Lessons from Community Living Lab Learning Health System. Folakemi T. Odedina, Mayo Clinic, Jacksonville, Florida.

A043 Pacific Against Cervical Cancer (PACe) project: Implementation of a cervical cancer screening and treatment program in Yap, Federated States of Micronesia. Neal Palafox, University of Hawai'i, Honolulu, Hawaii.

A044 Community-based school nutrition education promotes cancer-preventive nutrition knowledge and healthy dietary intentions among adolescents. Jaya Sarin Pradhan, Columbia University Medical Center, New York, New York.

A047 Beyond recruitment to research partnership: Advancing cancer health equity through equitable community-based organization engagement. Tiah Tomlin-Harris, My Style Matters, Inc, Atlanta, Georgia.

A048 Behavioral intention toward clinical trial participation and biospecimen donation among adults in rural Albany, Georgia. Christina Wilkerson, Morehouse School of Medicine, Atlanta, Georgia.

A049 The Prostate Health Equity Project: Community-engaged approaches to improve prostate cancer awareness, screening knowledge, and informed screening among Black men in Milwaukee. Torojah M. Williams, Medical College of Wisconsin, Wauwatosa, Wisconsin.

A050 From patient to peer supporter: Understanding motivations, experiences, and support needs for peer supporters in the Social Interventions for Support During Treatment for Endometrial Cancer and Recurrence (SISTER) Study. Emma D. Wolfe, University of Washington School of Medicine, Seattle, Washington.

A051 Mobile-based cognitive behavioral therapy intervention to reduce psychological burden among HPV-positive women in underserved rural populations of China: A multi-center randomized controlled trial. Yijin Wu, Chinese Academy of Medical Sciences & Peking Union Medical College, Beijing, China.

A052 A virtual, multi-institutional collaboration to engage high school students in cancer research and care. M. Eileen Dolan, The University of Chicago, Chicago, Illinois.

A053 Pre-contact attrition in the Sacred Womb Initiative: EHR-based screening limitations in cervical cancer disparities research. Bahira Ahmed, Virginia Commonwealth University School of Medicine, Richmond, Virginia.

A054 Comparative efficacy analysis of the polyisoprenylated cysteinyl amide inhibitor and sotorasib in lung cancer NCI-H23 mutant cell models. Chase Lilly, Florida Agricultural and Mechanical University, Tallahassee, Florida.

A055 Addressing disparate outcomes in triple negative breast cancer: Targeting metabolic and cell-cycle vulnerabilities with novel biguanide-mediated combination therapy. Julie Liu, UCLA Health, Los Angeles, California.

A056 Rhenium complex PR7 overcomes carboplatin resistance in triple-negative breast cancer via apoptotic pathway activation. John A. Obadipe, Morgan State University, Parkville, Maryland.

A057 Artificial intelligence in cancer drug development: Opportunities and challenges for reducing health disparities. London Williams, University of Louisiana at Lafayette, Lafayette, Louisiana.

A058 Dual-energy X-ray absorptiometry assessment of bone health and body composition within a culturally tailored lifestyle intervention for African American breast and endometrial cancer survivors. Zakirah L. Abdul-Hameed, Morehouse School of Medicine, Atlanta, Georgia.

A059 Association of physical activity with phenotypic age acceleration among U.S. Adult cancer survivors: Evidence from NHANES 2015–2023. Haejeong An, The University of Texas MD Anderson Cancer Center, Houston, Texas.

A060 Chemotherapy-induced peripheral neuropathy among black breast cancer survivors. La-Urshalar B. Brock, Winship Cancer Institute of Emory University, Atlanta, Georgia.

A061 GLP-1 receptor agonist use and cardiometabolic outcomes in obesity-related cancer survivors: A scoping review. Yelba Castellon-Lopez, Cedars-Sinai Medical Center, Los Angeles, California.

A062 Redefining breast cancer survivorship: Living with cardiovascular comorbidities and risk factors. Nicole Caviness-Ashe, University of Alabama at Birmingham, Birmingham, Alabama.

A063 Survivorship care plan receipt, social determinants of health, and current health status among black breast cancer survivors in Maryland. Camryn M. Cohen, Johns Hopkins Bloomberg School of Public Health, Baltimore, Maryland.

A064 Heterogeneity in associations between physical activity and cardiovascular disease risk among Black women with breast cancer in the Detroit Research on Cancer Survivors (ROCS) study. Kailee M. Hartway, Wayne State University School of Medicine, Detroit, Michigan.

A065 A low-FAP / high-CXCL10 transcriptional state identifies a favorable-survival subgroup of high-grade serous ovarian cancer across 16 pooled cohorts. Fahad Kiani, CrisPRO.ai, Brooklyn, New York.



A066 Cumulative burden of late effects and life milestone attainment in young adult childhood cancer survivors: A population-based cohort study. Yoonji Kim, St. Jude Children's Research Hospital, Memphis, Tennessee.

A067 Beyond cancer: Causes of death among head and neck cancer survivors. Mrudula Nair, Henry Ford Health, Detroit, Michigan.

A068 Health factors from AHA Life's Essential 8 and cancer history in Tobago: A cross-sectional analysis. Jonathan O. Odingo, Michigan State University, East Lansing, Michigan.

A069 A scoping review on racial and ethnic disparities in cardiovascular outcomes among U.S. Breast cancer survivors. Isha Patel, Nell Hodgson Woodruff School of Nursing, Emory University, Atlanta, Georgia.

A070 Physical activity practices and barriers in adult childhood cancer survivors: The University of Minnesota PACES study. Amanda Stocker, University of Minnesota School of Public Health, Minneapolis, Minnesota.

A071 Disparities in BMI-for-age trajectories during treatment and weight status during survivorship among children with acute lymphoblastic leukemia: A report from the REDucing Disparities In Acute Leukemia (REDIAL) Consortium. Ji Yun Tark, Baylor College of Medicine, Houston, Texas.

A072 Racial and ethnic disparities in cardiovascular disease mortality among head and neck cancer survivors, 2000-2023. Jacqueline B. Vo, Emory University, Atlanta, Georgia.

A073 Racial and ethnic differences in second primary breast cancer risk among female childhood, adolescent and young adult cancer survivors. Yuehan Wang, National Cancer Institute, National Institutes of Health, Bethesda, Maryland.

A074 Characterization of molecular mechanisms mediating carboplatin and rhenium resistance in triple negative breast cancer cells. Bukola Mary Igbinogun, Morgan State University, Baltimore, Maryland.

A075 Hypofractionated radiotherapy for metastatic breast cancer: A 5-year single-institution experience in sub-Saharan Africa. Emmanuel T. Andero, Medserve-LUTH Cancer Centre, Lagos University Teaching Hospital, Lagos, Nigeria.

A076 A scoping review of the beliefs, values, experiences, and structural barriers that shape end-of-life and palliative care among American Indian and Alaska Native cancer and non-cancer patients. Joel A. Begay, University of North Carolina at Chapel Hill, Chapel Hill, North Carolina.

A077 Palliative care utilization patterns among patients with cancer in Puerto Rico. Nelymar Concepción-Hernández, University of Puerto Rico Medical Sciences Campus, San Juan, Puerto Rico.

A078 Perceptions of goals-of-care among patients with advanced cancer in Puerto Rico. Sarymar Rodríguez-Estrada, University of Puerto Rico Medical Sciences Campus, San Juan, Puerto Rico.

- A079 Beyond interpreter access: Healthcare professional perspectives on barriers and intervention targets to address language-based disparities in cancer care.** Rashmi K. Sharma, University of Washington, Seattle, Washington.
- A080 Perceptions about goals of care among caregivers of advanced cancer patients in Puerto Rico.** Marjorie Vázquez-Roldán, University of Puerto Rico Comprehensive Cancer Center, San Juan, Puerto Rico.
- A081 Social environment associated with clinically meaningful declines in health-related quality of life domains bother and function in individuals after prostate cancer treatment.** Tyler Cain, Texas A&M College of Medicine, College Station, Texas.
- A082 Posthumous diagnosis: Fatal hemophagocytic lymphohistiocytosis misidentified as immune thrombocytopenia in a resource-limited Caribbean setting.** Brandi J. Afontin Gabriel, Universidad Central del Este, San Pedro de Macoris, Dominican Republic.
- A083 Stakeholder-informed adaptation of Active Living After Cancer (ALAC) for hybrid delivery to enhance physical activity access among cancer survivors .** Naavya Agarwal, University of Texas MD Anderson Cancer Center, Houston, Texas.
- A084 Anaemia in cancer patients undergoing chemoradiation.** Chinedu S. Aruah, National Hospital Abuja, Abuja, Nigeria.
- A085 The status of nuclear medicine services in privately funded radiotherapy centers in Nigeria.** Chinedu Simeon Aruah, National Hospital Abuja, Abuja, Nigeria.
- A086 Mapping risk stratification of chemotherapy-induced peripheral neuropathy in gastrointestinal cancers: A 3P framework approach.** Ailiya Bai, University of Florida, Gainesville, Florida.
- A087 Racial and ethnic disparities in endometrial cancer survival: The mediating role of guideline-concordant treatment.** Ashley S. Felix, Wake Forest School of Medicine, Winston-Salem, North Carolina.
- A088 Barriers to hematology/oncology clinical trial enrollment at the Bronx Veterans Affairs Medical Center.** Eliana E. Haah, James J. Peters VA Medical Center, Bronx, New York.
- A089 Rutin attenuates proliferation and stemness in triple negative breast cancer cells from patients of African ancestry.** Michael H. Hall, Loma Linda University, Loma Linda, California.
- A090 The impact of language barriers on financial toxicity for Spanish-speaking patients undergoing cancer treatment.** Gabriela Lopez Ruano, University of California, San Diego, San Diego, California.
- A091 Improving access and affordability in multiple myeloma care: Patient and provider perspectives.** Meera Muthukrishnan, Washington University School of Medicine, St. Louis, Missouri.
- A092 Pathologic complete response and downstaging after neoadjuvant immunotherapy in head and neck squamous cell carcinoma.** Audrey Rustad, Duke University, Durham, North Carolina.

A093 Geography of risk: Environmental carcinogens and cancer incidence in Arizona. Thomas Brower, University of Arizona College of Medicine, Tucson, Arizona.

A094 Chemicals of concern in skin-lightening products available in Northern Manhattan: Label accuracy and packaging patterns. Karthik R. Mahakala, Columbia University, New York, New York.

A095 A novel redox-based anticancer target through Aurora kinase/reactive oxygen species/MMP in colon cancer cells. Jong-Suk Kim, Jeonbuk National University Medical School, Jeonju, Republic of Korea.

A096 Association between allostatic load and breast cancer relapse among racially/ethnically diverse patients with non-metastatic breast cancer. Jennifer H. Lee, Columbia University Irving Medical Center, New York, New York.

A097 Modeling allostatic load-driven breast tumorigenesis, immune dysfunction, and neuroinflammation using social instability. Ayanna Simpson, Rosalind Franklin University, North Chicago, Illinois.

A098 Allostatic load and tumor biology in uterine carcinosarcoma: A potential driver of endometrial cancer disparities. Miller Singleton, University of North Carolina at Chapel Hill, Chapel Hill, Texas.

A099 Racial and ethnic differences in HPV-related second cancer risk among adult cancer survivors. Angelina J. Cho, National Cancer Institute, Rockville, Maryland.

A100 Staphylococcal secretome profile associated with increased clinical severity and Black race in cutaneous T-cell lymphoma clinical isolates. Pamela Allen, Winship Cancer Institute of Emory University, Decatur, Georgia.

A101 Comorbidities, guideline-concordant treatment, and prostate cancer-specific mortality in California, 2011-2021: A competing risks mediation analysis. Diego Alvarez-Lopez, University of Southern California, Los Angeles, California.

A103 Sleep health disparities in Hispanic survivors of adolescent and young adult cancer: A nationally representative comparison with cancer-free peers. Eunju Choi, University of Texas MD Anderson Cancer Center, Houston, Texas.

A104 Race, clinical stage, and mortality among rural breast cancer patients in Bahia, Brazil. Lissette Delgado-Cruzata, John Jay College of Criminal Justice, The City University of New York, New York, New York.

A105 Racial disparities in aggressive breast cancer subtypes in urban Brazilian women. Lissette Delgado-Cruzata, John Jay College of Criminal Justice, The City University of New York, New York, New York.

A106 Temporal trends in late-stage female breast cancer incidence in Texas, 2004-2023. Erin Gardner, Houston Methodist Dr. Mary and Ron Neal Cancer Center, Houston, Texas.

A107 Overrepresentation of uncertainty in hereditary cancer test results among Puerto Ricans suggests inequity in variant interpretation. Marcel Graul Rodríguez, Universidad Central del Caribe School of Medicine, Bayamón, Puerto Rico.

A108 Cancer burden among Arab Americans compared to other U.S. racial and ethnic populations in Metropolitan Detroit, 2010-2024. Lubna M. Hassanain, Columbia University, New York, New York.

A109 Birth cohort trends in cervical cancer incidence rates by race and ethnicity in the United States from 1929-1999. Kieran Kelly, American Cancer Society, Atlanta, Georgia.

A110 Heterogeneity in community-level social vulnerability drivers across a diverse cohort of patients with localized prostate cancer. Blanca Morales Lugo, University of California, San Francisco, San Francisco, California; Jacob S. Lee, University of California, San Francisco, San Francisco, California.

A111 Evaluation of colorectal cancer screening uptake: Multiple cross-sectional analyses from BRFSS 2021-2024 in the newly eligible population aged 45-49. Jesus M. Luevano, Morehouse School of Medicine, Atlanta, Georgia.

A112 The impact of race, stage at diagnosis, and socioeconomic status on survival in pancreatic cancer. Tahreem Malik, Yale New Haven Health, New Haven, Connecticut.

A113 Self-reported race/ethnicity and genetic similarity grouping in WISDOM 2.0: A personalized risk-based breast cancer screening trial. Daisy Montoya, University of California, San Francisco, San Francisco, California.

A114 Causal mediation analysis of racial and ethnic disparities in breast cancer clinical trial participation. Brandy S. Recio, University of Southern California, Los Angeles, California.

A115 EIF3H is an amplification-driven, ancestry-independent vulnerability of basal-like breast cancer: Distinguishing molecular subtype from triple-negative status in disparities research. Tiffany J. Rios-Fuller, Ponce Health Sciences University, Ponce, Puerto Rico.

A116 The vaginal microbiome, precancerous cervical lesions, and racial and ethnic disparities: A scoping review. Paula Tatiana Rivera, Virginia Commonwealth University, Richmond, Virginia.

A117 Early-onset cancer incidence trends among non-Hispanic Black adults in the Texas Gulf Coast, 2000–2023. Ali Rizvi, Houston Methodist Dr. Mary and Ron Neal Cancer Center, Houston, Texas.

A118 Across the ocean: Cancer mortality among Puerto Ricans in Puerto Rico and Puerto Ricans in the United States. Eduardo J. Santiago-Rodríguez, National Cancer Institute, Rockville, Maryland.

A119 Disparities in HPV-related cancer incidence by race and ethnicity and by disaggregated Asian American and Pacific Islander ethnicities in the United States, 2000-2022. Jaimie Z. Shing, National Cancer Institute, Rockville, Maryland.

A120 Overall and Stage-specific Liver Cancer Incidence trends across Asian American ethnic groups, United States, 2004-2022. Nikita Sandeep Wagle, American Cancer Society, Houston, Texas.

A121 Racial disparities in epithelial ovarian cancer mortality in Georgia. Ashleigh L. Walton, Emory University, Atlanta, Georgia.

A122 Breast cancer differences in incidence-based mortality by subtype, race and ethnicity, county-level population density, and median household income in the US, 2000-2023. Stephanie Ho, National Cancer Institute, Rockville, Maryland.

A123 DARC/ACKR1 genotype modifies associations between psychosocial stress and circulating immune-oncology proteins in breast cancer. Jamirah Y. Chevrin, Morehouse School of Medicine, Atlanta, Georgia.

A124 Psychosocial stress and allostatic load among black women: Findings from a community-based pilot study. Samantha R. Jones, Augusta University, Augusta, Georgia.

A125 Environmental concerns among cancer patients and caregivers in Puerto Rico. Juan E. Santiago-García, University of Puerto Rico Medical Sciences Campus, Graduate School of Public Health, San Juan, Puerto Rico.

A126 Examining the role of allostatic load and telomere length on cancer mortality risk: NHANES 1999-2002 linked with NDI through 2019. Johnathan M. Sehkar, University of Kentucky, Lexington, Kentucky.

A127 Childhood adversity and tobacco use patterns in cancer survivors: Understanding the role of racial differences. Oluwole Babatunde, Prisma Health/USC School of Medicine, Greenville, South Carolina.

A128 Racial differences in the dose-response relationship between smoking exposure and lung cancer risk: Implications for Asian American screening. Eunji Choi, Weill Cornell Medicine, New York, New York.

A129 Beyond tobacco: Unmasking oral cancer disparities among non-smoking black, indigenous, and people of color (BIPOC) in the United States. Tristan Thompson, Florida A&M University, Tallahassee, Texas.

A130 Tobacco retailer density and smoking behaviors: The Multiethnic Cohort and Southern Community Cohort Study. Mimi Ton, University of California, San Francisco, San Francisco, California.

A131 Disparities in cannabis use and cigarette smoking, and adverse childhood experiences among cancer survivors. Waliya Waheed, University of South Carolina School of Medicine Greenville, Greenville, Michigan.

A132 Associations of county-level social determinants of health clusters at cancer diagnosis on cancer-specific and all-cause mortality, independent of individual-level factors. Stephie Abraham, University of Louisville, Louisville, Kentucky.

A133 Identifying factors associated with breast cancer among Puerto Rican women: A case-control study. Bibhushi Bhattarai, Texas A&M University, Bryan, Texas.

A134 Prevalence of non-vaccine targeted oncogenic oral and genital HPV types among U.S. adults. Morgan C. Byrd, Duke University School of Medicine, Durham, North Carolina.



A135 Association between lifetime chemical hair straightener use and breast cancer in the Sister Study. Brittney A. Gedeon, University of North Carolina at Chapel Hill, Chapel Hill, North Carolina.

A136 Beyond tumor biology: The association between marital status and breast cancer-specific mortality in a 1.3 million patient SEER cohort. Tahreem Malik, Yale New Haven Health, New Haven, Connecticut.

A137 Initiation of the Alaska Native Colorectal Cancer Risk Factors Study. Diana Redwood, Alaska Native Tribal Health Consortium, Anchorage, Alaska.

A138 Emergency department visits within 90 days prior to colon cancer diagnosis and survival: A single-center study in Georgia. Meng-Han Tsai, Augusta University, Augusta, Georgia.

A140 Reducing disparities in clinical trial access: Building equitable trial access through a safety-net hospital and cancer center partnership within a health system. Linda Fleisher, Fox Chase Cancer Center, Philadelphia, Pennsylvania.

A141 Digital friction in preventive oncology: A national audit of hereditary cancer genetics access at NCI-designated cancer centers. Abhimanyu Gupta, University of Florida, Gainesville, Florida.

A142 Development and informatics pipeline validation of the PROACT-RT early-warning system to mitigate structural transit disparities and weather-related oncology treatment disruptions. Katie Lichter, Dartmouth Cancer Center, Lebanon, New Hampshire.

A143 Population-level patient perspectives on environmental threats and sustainable cancer care in a rural NCI catchment area. Katie Lichter, Dartmouth, Hanover, New Hampshire.

A144 Identifying opportunities to strengthen colorectal cancer screening delivery in a multi-site Federally Qualified Health Center: An assessment of barriers, practices, and evidence-based strategies. Casey N. Ngo, City of Hope, Duarte, California.

A145 Prostate cancer disparities in sub-Saharan Africa: Epidemiology, genomics, and health system gaps. Ayodeji O. Ojetunde, Medserve-LUTH Cancer Centre, Lagos University Teaching Hospital, Lagos, Nigeria.

A146 Understanding the clinical trial access continuum in a breast cancer clinical trial navigation program. Emmanuella Oyogoa, University of Pennsylvania, Philadelphia, Pennsylvania.

A147 Pathways to diagnosis in head and neck cancer: Emergency department presentation, social risk, and diagnostic timeliness. Marc Anthony Pastor, University of California, San Francisco School of Medicine, San Francisco, California.

A148 The psychiatric care cascade in adult cancer patients: Disparities at referral and engagement. Suraj M. Rajan, University of California, San Diego, La Jolla, California.

A149 Scoping review: Utilization of social determinants of health screening and intervention in oncology. Jackie Shi, University of Alabama at Birmingham, Birmingham, Alabama.

A150 Patient and provider perspectives on the implementation of patient-reported outcomes and health-related social needs assessment in oncology. Willi L. Tarver, The Ohio State University, Columbus, Ohio.

A151 Decision authority in AI-enabled endometrial cancer care: A systems-level analysis of implementation risks. Cynthia Weinman, The George Washington University, Washington, District of Columbia.

A152 Barriers to Medicaid coverage and cancer care access in children newly diagnosed with leukemia or lymphoma: A qualitative study. Liberty F. Strange, Indiana University School of Medicine, Indianapolis, Indiana.

A153 Association of Medicaid coverage continuity with severity and acuity at presentation in pediatric patients with extracranial solid tumors. Liberty F. Strange, Indiana University School of Medicine (current), Emory University School of Medicine (prior), Children's Healthcare of Atlanta (prior), Indianapolis, Indiana.

A154 Real-world survival outcomes by race and ethnicity among veterans treated with darolutamide for advanced prostate cancer in the equal-access Veterans Affairs health system. Chunyang Li, University of Utah, Salt Lake City, Utah.

A155 State-level differences in breast cancer screening: The role of healthcare infrastructure and policy in mortality, morbidity, incidence, and prevalence. Grace Sun, MIT Health Equity Research Group, Cambridge, Massachusetts.

A156 Sociodemographic bias in large language model-generated clinical recommendations for multiple myeloma: A systematic algorithmic audit. Shakira J. Grant, CROSS Global Research & Strategy, Apex, North Carolina.

A157 Neighborhood social cohesion, deprivation, and time to treatment for New York City residents with breast and prostate cancer. Kevin H. Kensler, Weill Cornell Medicine, New York, New York.

A158 Racial and ethnic variation in conversion from actionable Guardant360 results to matched targeted therapy in non-small cell lung cancer: A real-world analysis. Jiemin Liao, Guardant Health, Palo Alto, California.

A159 Variation in surgical timeliness for early-stage lung cancer across patient populations. Chloe A. Namias, Rutgers New Jersey Medical School, Newark, New Jersey.

A160 Barriers to comprehensive neurosurgical oncology care and implications for oncologic outcomes. Joshua Otu, Moffitt Cancer Center, Tampa, Florida.

A161 Bridging clinical trials and real-world practice: A meta-analysis of ponatinib safety in chronic myeloid leukemia. Michael Phan, Medical College of Georgia, Augusta, Georgia.

A162 Facility volume and socioeconomic disparities in access to globe-sparing therapy for uveal melanoma: A National Cancer Database analysis. Michael Phan, Augusta University Medical College of Georgia, Augusta, Georgia.

A163 Association of neighborhood social vulnerability with clinical outcomes following 177Lu-PSMA-617 radioligand therapy in metastatic castration-resistant prostate cancer. Brian Schattle, Warren Alpert Medical School of Brown University, Providence, Rhode Island.

A164 Surgical care quality among patients diagnosed with endometrial cancer: Disparities by race and insurance. Lisa Spees, University of North Carolina at Chapel Hill, Chapel Hill, North Carolina.

A165 Representation of Black patients in breast cancer clinical trials leading to FDA drug approval from 2010 and 2025. Ya Haddy Sallah, Memorial Sloan Kettering Cancer Center, New York, New York.

A166 Legal needs, treatment delays, and comorbidity burden among patients referred to an urban cancer center medical-legal partnership. Nathan Shin, MedStar Georgetown Cancer Institute, Washington, District of Columbia.

A167 Persistent underrepresentation of populations at highest risk in pivotal CAR T-cell trials in the era of cellular immunotherapy. Michael Sketel, Augusta University, Augusta, Georgia.

A168 Developing a culturally sensitive interview guide to assess barriers to Hepatitis B screening and care in Asian American communities. Hope Talbert, Temple University, Philadelphia, Pennsylvania.

A169 Pathway-specific mutation profiles and single combination therapy survival outcomes in Hispanic/Latino and non-Hispanic White colorectal cancer patients. Victor E. Morales, University of California, Riverside School of Medicine, Riverside, California.

A170 Transcriptomic profiling identifies dysregulation of S100 signaling associated with colorectal cancer disparities within a Hispanic cohort. Soumya Nair, University of Texas at El Paso, El Paso, Texas.

A171 Using patient-derived colorectal organoids to explore IL-6-driven mechanisms of colorectal carcinogenesis. Selene Schiavone-Chamorro, University of Puerto Rico, School of Medicine, Medical Sciences Campus, San Juan, Puerto Rico.

A172 Role of pancreatic adenocarcinoma cancer-stromal interactions on cardiac structure and function. Anna Gibson, Virginia Commonwealth University Health, Richmond, Virginia.

A173 Survival disparities and treatment utilization in anal cancer by sex, race/ethnicity, and marital status: A population-based analysis in Florida. Ricky Qi Lei, University of Miami, Miami, Florida.

A174 Androgen receptor signaling in the prostate tumor microenvironment. Praise O. Awogbesan, Johns Hopkins University School of Medicine, Baltimore, Maryland.

A175 Geographic and racial variation in prostate cancer incidence and mortality: A comparative analysis of the Bronx, New York State, and the U.S. Daleep Grewal, Albert Einstein College of Medicine, Bronx, New York.

- A176 Low utilization of the Decipher genomic classifier and oncologic outcomes in African American men with localized prostate cancer: A cancer-disparities analysis.** Kaneez Zahra R. Khakwani, Mayo Clinic, Scottsdale, Arizona.
- A177 Racial disparity in temporal survival trends among patients with head and neck cancer.** Kwabena D. Boateng, Washington University in St. Louis, St. Louis, Missouri.
- A178 Death by suicide in patients with early-onset head and neck cancer.** Kwabena D. Boateng, Washington University in St. Louis, St. Louis, Missouri.
- A179 Ensuring diverse lung adenocarcinoma models: Development of alveolar epithelial and lung adenocarcinoma cell lines and patient-derived xenografts from individuals of African ancestry.** Karla E. Gonzalez, University of Southern California, Los Angeles, California.
- A180 First-line TKI outcomes and EGFR mutation profiles in Hispanic versus non-Hispanic patients with NSCLC.** Jacob Kattoula, University of Southern California/Los Angeles General Medical Center, Los Angeles, California.
- A181 Transaminitis during induction is associated with subsequent methotrexate neurotoxicity in children with acute lymphoblastic leukemia: A report from the Reducing Disparities in Acute Leukemia (REDIAL) Consortium.** Emily J. Mason, Baylor College of Medicine, Houston, Texas.
- A182 Bridging the gap between prostate cancer research and Black communities: A randomized controlled trial of the Minority Prostate Cancer Research Digest.** Obianuju Aliche, Mayo Clinic, Jacksonville, Florida.
- A183 Meeting communities where they are: Cancer and biomedical research education and recruitment through community pharmacies.** Opeyemi O. Bolajoko, Mayo Clinic, Jacksonville, Florida.
- A184 The longitudinal impact of neighborhood poverty level history on prostate cancer stage at diagnosis in southeastern Pennsylvania.** Birat Raj Kafle, Temple University, Philadelphia, Pennsylvania.
- A185 Association of occupational risk to high-aggressive prostate cancer.** Nguyet Trinh, UT Southwestern Medical Center, Dallas, Texas.
- A186 A culturally responsive co-learning model for training photo-elicitation interview facilitators in cancer prevention research.** Jade Truehart, Temple University, Philadelphia, Pennsylvania.
- A187 A transitional molecular state predicts early mortality and is differentially represented across racial groups in ER-positive breast cancer.** Audrey Guo, Torrey Pines High School, San Diego, California.



Poster Session B

Monday, October 19

7:00-8:30 p.m.

Galleria Exhibit Hall 2,3,5,6,7

- B001 From caregiver to community ambassador.** Nazleen Del Rio, University of Florida, Orlando, Florida.
- B002 Cultural identity salience and delayed cancer care-seeking: An identity-centered framework for patient advocacy.** Dominique Thomas, University of Miami, Coral Gables, Florida.
- B003 Ancestry-enriched pangenome contigs reveal functional, reference-missing sequences.** Alexandria Awai, Morehouse School of Medicine, Atlanta, Georgia.
- B004 OncoGAT: A multimodal graph attention network to democratize precision oncology through comprehensive multi-omics integration.** Srikar Karri, Bridgeland High School, Cypress, Texas.
- B005 Machine learning-enhanced association analysis of ancestry-informative marker SNPs identifies predictors of head and neck cancer status in an underserved population.** Maxine Harlemon, Clark Atlanta University, Atlanta, Georgia.
- B006 Reference genome selection as a determinant of genomic variation recovery in admixed populations: A comparative framework for ancestry-informed inquiry.** Praise Idowu, Morehouse School of Medicine, Atlanta, Georgia.
- B007 HPV genotype and YES1 oncogene alterations in cervical squamous cell carcinoma: A multi-cohort TCGA analysis.** Suleiman Kawu, Gombe State University Nigeria, Gombe, Nigeria.
- B008 Chemoproteogenomic discovery of conformation-selective ligands targeting transient EGFRvIII resistance states in glioblastoma.** Shivi Kumar, Mind Matters Foundation, Dallas, Texas.
- B009 Computational discovery of dynamic protein folding landscapes reveals novel osteogenic growth factor mimetics for craniofacial bone regeneration.** Shivi Kumar, Mind Matters Foundation/UPenn CHOP, Dallas, Texas.
- B010 Evolutionary reconstruction of CRISPR-programmable regulatory circuits reveals gene therapy vulnerabilities in recurrent glioblastoma.** Shivi Kumar, Mind Matters Foundation, Dallas, Texas.
- B011 Cross-population validation of a TCGA-derived machine learning transcriptomic signature for papillary thyroid carcinoma in an independent Indian RNA-sequencing cohort.** Disha Nashier, Manipal Academy of Higher Education, Manipal, India.

B012 A comparative accuracy analysis of local ancestry calling from targeted sequencing panels in head and neck squamous cell carcinoma. Madeleine Ndahayo, University of Maryland School of Medicine, Baltimore, Maryland.

B013 OncoProfilingTools: An agentic AI-enabled R framework for end-to-end cancer pharmacogenomics and biomarker discovery. Katarzyna M. Tyc, Virginia Commonwealth University, Richmond, Virginia.

B014 An Artificial intelligence multi-agent ecosystem for multi-omics, microbiome, and social determinants-driven population-informed precision oncology and cancer health disparities research across gastrointestinal cancers. Enrique Velazquez-Villarreal, City of Hope, Duarte, California.

B015 From biomedical text mining to therapeutics: Machine learning-driven drug repurposing for a rare breast cancer. Kevin P. Williams, North Carolina Central University, Durham, North Carolina.

B016 Network-validated co-expression analysis nominates a lymphocyte-signaling module as a candidate immune-disparity axis between African American and European American prostate cancer patients. Azimullah Rifai, University of Maryland Marlene & Stewart Greenebaum Comprehensive Cancer Center, Baltimore, Maryland.

B017 Evaluating fairness in breast cancer risk prediction by race using the adjusted true positive rate in a digital breast tomosynthesis screening cohort. Lindsey Abellard, University of Pennsylvania, Philadelphia, Pennsylvania.

B018 Disparities in cancer immunotherapy clinical trials: Temporal and modality-specific differences between Puerto Rico and the United States. Meredith A. Ortiz-Rivera, University of Puerto Rico Medical Science Campus, San Juan, Puerto Rico; Kevin M. Alicea-Torres, University of Puerto Rico Humacao Campus, Humacao, Puerto Rico.

B019 Respiratory exposure observatory: Dynamic spatiotemporal platform for real-time respiratory exposure and health disparities surveillance. Murugesw Eswaran, Morehouse School of Medicine, Atlanta, Georgia.

B020 Regional variation in cancer incidence rates and rate ratios for the U.S. American Indian and Alaska Native populations from 2014-2023. Natalie S. Joe, Roswell Park Comprehensive Cancer Center, Buffalo, New York.

B021 Differences in breast cancer characteristics across demographic groups: Prisma Health Upstate Cohort. Jordan Kinnitt, Prisma Health Upstate, Greenville, South Carolina.

B022 Externally validating and developing prognostic models in Black women with endometrial cancer following hysterectomy. Noah C. Peeri, University of Texas MD Anderson Cancer Center, Houston, Texas.

B023 Patterns of physiological dysregulation and cancer mortality: A latent class analysis of NHANES participants. Terry Hyslop, Sidney Kimmel Comprehensive Cancer Center, Philadelphia, Pennsylvania.

B024 Geospatial clusters of colorectal cancer for prioritizing screening – Update from a decade ago. Liora Sahar, American Cancer Society, Dunwoody, Georgia.

B025 Digital health literacy and fatalistic beliefs about cancer prevention: A nationally representative analysis of the Health Information National Trends Survey (HINTS 7, 2024). Adaeze C. Aroh, Slippery Rock University, Slippery Rock, Pennsylvania.

B026 Everyday discrimination and cervical cancer screening among eligible women in the All of Us Research Program. Adaeze C. Aroh, Slippery Rock University, Slippery Rock, Pennsylvania.

B027 Age-related differences in clinician communication about colorectal cancer screening in the US. Jordan Baeker Bispo, American Cancer Society, Atlanta, Georgia.

B028 Beyond digital reach, a systematic review of what makes digital behavior change interventions effective for cancer control among Latina(o) adults. Enmanuel A. Chavarria, Emory University, Atlanta, Georgia.

B029 Cultural perspectives on breaking bad news: Exploring communication preferences among Chinese American cancer patients. Audrey Covalleski, Tufts Medical Center, Boston, Massachusetts.

B030 Source-specific vaping information exposure, harm and benefit beliefs, and vaping outcomes across diverse U.S. adolescents. Merriah Croston, Harvard T.H. Chan School of Public Health, Boston, Massachusetts.

B031 The missing majority: Older adults and age-based disparities in cancer research reporting. Adrian Puello, Centre Hospitalier Universitaire de la Martinique, Fort de France, Martinique, France.

B032 Rare cancer disparities in older adults of the Caribbean: Incidence, mortality trends, and equity gaps in Martinique (2008–2022). Adrian Puello, Centre Hospitalier Universitaire de Martinique, Le Lamentin, Martinique, France.

B033 Employing the culture-centered approach and health belief model to understand perceptions and attitudes regarding breast cancer and breast cancer research within the Indiana Chin community. Katherine E. Ridley-Merriweather, IU Simon Comprehensive Cancer Center, Indianapolis, Indiana.

B034 Can artificial intelligence amplify community voice? Evidence from a multisite formative evaluation of the AI-Powered ALEX Portal to enhance equity in clinical trial access. Fan Wang, Mayo Clinic Comprehensive Cancer Center, Mayo Clinic, Jacksonville, Florida.

B036 From barriers to implementation: Mapping multilevel determinants of oncology care access among adults with autism spectrum disorder. Julissa M. Jaiman-Cruz, University of Puerto Rico, San Juan, Puerto Rico.

B037 Predictive ability of a DNA methylation signature for high-grade prostate tumors among African American men. Camryn M. Cohen, University of Maryland School of Medicine, Baltimore, Maryland.

B039 The association of the Systemic Immune-Inflammation Index (SII) and Prognostic Nutritional Index (PNI) with survival time in patients with stage IV pancreatic cancer. Shawna Landon, University of Florida, Williston, Florida.

B040 Learning multimodal breast cancer phenotypes for precision oncology. Xiaoyang Wei, Mayo Clinic Arizona, Phoenix, Arizona.

B041 Hypoxia up-regulated protein 1 and its related genes as potential prognostic markers in papillary thyroid cancer. Olabisi T. Bamidele, Loma Linda University, Loma Linda, California.

B042 Comprehensive evaluation of amino acid metabolism-associated genes reveals TYMS, CDK1, PLK1, CHEK1, and AURKA prognostic markers and therapeutic targets in lung cancer. Jiyauddin Khan, IoE University of Delhi, Delhi, India.

B043 Population genetics of rare coding variants at HOXB13 and their relevance to prostate cancer risk in sub-Saharan Africa. Ianne Lauder, Georgia Institute of Technology, Atlanta, Georgia.

B044 Evaluation of ancestry-associated HER2 and androgen receptor expression in prostate cancer patients using liquid biopsy. Diana T. LeVasseur, Morehouse School of Medicine, Atlanta, Georgia.

B045 Multi-omics and the identification of race associated pain biomarkers in head and neck cancer. Joab O. Odera, Duke University School of Medicine, Durham, North Carolina.

B046 Integrating genetic ancestry and social determinants of health reveals context-dependent genetic susceptibility to laryngeal cancer. Joab O. Odera, Duke University School of Medicine, Durham, North Carolina.

B047 Pancreatic cancer model for drug development and personalized treatment: Progress of the Tumor Model and Drug Development Core (TMDDC) of CaRE2. Paul Okunieff, University of Florida, Gainesville, Florida.

B048 Population-specific failure of CA19-9: variant-effect modeling of FUT3 and FUT2 predicts a higher, population-variable non-producer fraction in South Asians. Aaqil Hussain Shaik, Mira Loma High School, Sacramento, California.

B049 Landscape of genetic ancestry-associated active drugs unique to or shared by White and Hispanic children with group 3 medulloblastomas. Jinnan Chen, Ann & Robert H. Lurie Children's Hospital of Chicago, Chicago, Illinois.

B050 Cytarabine pharmacogenomics score impacts outcomes in Hispanic/Latino pediatric patients treated on AAML0531 and AAML1031 trials. Elizabeth Do, University of Florida, Gainesville, Florida.

B051 Informational needs and attitudes toward pharmacogenomic testing among parents of ethnically diverse pediatric acute lymphoblastic leukemia patients: A report from the REDIAL Consortium. Abigail C. Martinez, Baylor College of Medicine, Houston, Texas.

- B052 Molecular alterations in oncogenic pathways and their effect on overall survival in heterogeneous ethnic groups receiving triple combination chemotherapy.** Victor E. Morales, University of California, Riverside School of Medicine, Riverside, California.
- B053 Racial differences in cancer mortality after a second primary cancer among breast cancer survivors compared to a first primary cancer.** Maya Aboumrad, Johns Hopkins Bloomberg School of Public Health, Baltimore, Maryland.
- B054 Intersection of rurality and county-level income on second primary lung cancer risk for breast, prostate, and colorectal cancer survivors.** Firas F. Osmani, Medical College of Georgia, Augusta, Georgia.
- B055 Racial and ethnic disparities in the risk of contralateral breast cancer among primary breast cancer survivors in the US (1992-2023).** Michelle O. Sodipo, National Cancer Institute, National Institutes of Health, Bethesda, Maryland.
- B056 Comparative efficacy of definitive radiotherapy and radical prostatectomy in African American men with high-risk and very high-risk prostate cancer: A real-world institutional cohort study.** Muhammad Umar Afzal, Mayo Clinic, Scottsdale, Arizona.
- B057 Discrepancies in pancreatic adenocarcinoma treatment among incarcerated patients and non-incarcerated patients: A retrospective cohort study.** Jayasree Allam, Virginia Commonwealth University School of Medicine, Richmond, Virginia.
- B058 Coverage limbo at diagnosis and timeliness of gynecologic cancer treatment in a safety-net health system.** Natalie Cohen, University of Texas Southwestern, Dallas, Texas.
- B059 Patient-reported barriers to clinical trial enrollment: A site-level analysis of DCP-001 non-enrollees at an academic medical center.** Justine M. Kahn, Columbia University Medical Center, New York, New York.
- B060 Sociodemographic and geographic disparities in NCCN-concordant first-line systemic therapy in metastatic breast cancer, 2014–2022: The PRISM Study.** Drew Neish, Duke University School of Medicine, Durham, North Carolina.
- B061 Survival and multidisciplinary care outcomes following implementation of the practical geriatric assessment in a diverse gastrointestinal cancer population.** Kirsten V. Nguyen, University of Southern California/Los Angeles General Medical Center, Los Angeles, California.
- B062 Trends in HIV-based eligibility criteria in prostate, lung, and immune checkpoint inhibitor cancer trials, 2015–2025.** Tulsi Patel, University of California, San Diego, San Diego, California.
- B063 Postoperative complication profile and acute care utilization in incarcerated versus non-incarcerated patients with pancreatic adenocarcinoma.** Lalita Sabat, Virginia Commonwealth University School of Medicine, Richmond, Virginia.
- B064 Genetic similarity, Duffy-null genotype, and autologous transplant in multiple myeloma: Disparities in depth of response but not survival.** Ayo S. Falade, Mayo Clinic, Rochester, Minnesota.

- B065 Mapping accessibility to interventional cancer clinical trials in India through the trial availability index (TAI).** Advaith Thambisetty, Centennial High School, Ellicott City, Maryland.
- B066 Light exposure at night and the risk of breast cancer among Nigerian women.** Samuel Onyinyechukwu Azubuike, National Open University of Nigeria, Jabi, Abuja, Nigeria.
- B067 Interventions to promote colorectal cancer screening uptake among Hispanic/Latino adults in the United States: A scoping review protocol.** William Hernandez, University of Southern California, Los Angeles, California.
- B068 Chemical exposures without behavior change: Hair product use intensity and perceived breast cancer risk in a Kenyan population.** Sarah O'Shea, New Jersey Medical School, Rutgers University, Newark, New Jersey.
- B069 Association of social determinants of health and metabolic comorbidities with cervical cancer risk and disparities.** Jenae Sanders, Morehouse School of Medicine, Atlanta, Georgia.
- B070 Collaborations and outreach efforts matter: How community engagement partnerships secured funding to reach rural Native Hawaiian and Pacific Islander communities.** Mark L. Willingham, Jr., University of Hawai'i Cancer Center, Honolulu, Hawaii.
- B071 County-level spatial analysis of the relationship between food access and ultraviolet exposure to melanoma incidence rates.** Ashrit Challa, Washington University School of Medicine, St. Louis, Missouri.
- B072 "Doing it all alone": Nutritional insecurity, caregiving burden, and missed support needs among single parent cancer survivors.** Jennifer M. Crook, University of Central Florida, Orlando, Florida.
- B073 Geriatric Nutritional Risk Index and its component measures across demographic groups in pancreatic cancer.** Christina Grinstead, University of Florida, Gainesville, Florida.
- B074 Adapt2Thrive: An adaptive Food is Medicine intervention to improve lean muscle mass and nutritional status among head and neck cancer survivors.** Marcela Radtke, Stanford University School of Medicine, Palo Alto, California.
- B075 Identification of shared DNA repair gene variants in the African American Hereditary Prostate Cancer (AAHPC) cohort using whole-exome sequencing.** Kenyatta M. Hodge, Morehouse School of Medicine, Atlanta, Georgia.
- B076 Germline variation in cancer susceptibility genes among Black cancer survivors in the Reclassifying Variants for Equity in Clinical Care (REVEAL) study.** Savannah Lane, Wayne State University, Detroit, Michigan.
- B077 Sustained improvements in overall and myeloma-specific survival among patients with early-onset multiple myeloma: A population-based SEER analysis, 2000–2022.** Philip Obiri Ankomah, University of South Carolina, Columbia, South Carolina.

B078 Timely diagnosis and residual disparity: A sequential modeling analysis of Black-White differences in breast cancer mortality in Mississippi. Rifath Ara Alam Barsha, University of Mississippi Medical Center, Jackson, Mississippi.

B079 Disparities in treatment receipt and reasons for non-treatment in advanced gastrointestinal cancers. Maira A. Castañeda-Avila, UMass Chan Medical School, Worcester, Massachusetts.

B080 A case-only study of social drivers of health in relation to breast cancer subtype among US Black women. Etienne X. Holder, Boston University, Boston, Massachusetts.

B081 Age-stratified associations between social and geospatial factors and childhood and adolescent cancer survival: An analysis of 2000-2021 SEER data. Emma Hymel, Wake Forest University School of Medicine, Winston-Salem, North Carolina.

B082 Disparities in leading screenable cancers in four states by Appalachian status and rurality. Ruth J. Larson, The Ohio State University, College of Public Health, Columbus, Ohio.

B083 Polyendocrine metabolic ovarian syndrome, menstrual cycle irregularity, and incident breast cancer: Subtype-specific associations in a US-based cohort. Yilda G. Macias, University of Washington, Seattle, Washington.

B084 Time since diagnosis matters when estimating differences in cause-specific breast cancer survival by race and molecular subtype among women with early-onset breast cancer. Yujeong Na, University of California, Berkeley, Berkeley, California.

B085 Incidence of oropharyngeal cancer among adults in New York City, 2006–2023. Sharifa Nasreen, SUNY Downstate Health Sciences University School of Public Health, Brooklyn, New York.

B086 Predictors of in-hospital mortality among adult oropharyngeal cancer patients in New York State, 2018–2024. Sharifa Nasreen, SUNY Downstate Health Sciences University School of Public Health, Brooklyn, New York.

B087 Age, period, cohort, and sex disparities in lung cancer mortality in Guatemala, 2012–2022: Evidence of a persistent and unequal cancer burden. Natalia Pineda Grajeda, Independent Researcher, Coral Gables, Florida.

B088 Trends in pancreatic cancer mortality disparities between black and white populations across pre- and post-GLP-1 eras. Sasha Rayapati, BASIS Chandler, Gilbert, Arizona.

B089 Analyzing relative 5-year cancer survival rates in Kentucky for several cancers by Appalachian status and rurality. Corinne M. Rice, The Ohio State University, Columbus, Ohio.

B090 Polygenic and clinical risk stratification for hepatocellular carcinoma: Findings from the Multiethnic Cohort Study. V. Wendy Setiawan, University of Southern California, Los Angeles, California.

B091 Genome and Transcriptome-Wide Association Studies of HER2-positive breast cancer in Hispanic/Latina women in the United States and women in Latin America. Joel Sanchez Mendez, University of California Davis, Davis, California.

- B092 Obesity and breast cancer gene expression among US Black women.** Mollie E. Barnard, Boston University, Boston, Massachusetts.
- B093 Defining the cancer exposome: An exposomics-based monitoring approach linking external environmental exposures, internal biomarkers, and tumor biology in breast cancer.** Sabrina S. Chow, Emory University, Atlanta, Georgia.
- B094 Neighborhood deprivation and transcriptomic markers of accelerated biological aging among Black and White women with breast cancer.** Lindsay J. Collin, Emory University, Atlanta, Georgia.
- B095 Characterizing the composition and diversity of the vaginal microbiome in ovarian cancer.** April Deveaux, Duke University, Durham, North Carolina.
- B096 Integrative multi-level analysis of social drivers of health and tumor immunity identifies HER2+-specific disparities and subtype-specific immune remodeling in Hispanic/Latina patients with breast cancer.** Nana A.K. Gyabaah-Kessie, Keck School of Medicine, University of Southern California, Los Angeles, California.
- B097 The contribution of the distribution of consensus molecular subtypes to colorectal cancer mortality disparities.** Rida A. Khatri, University of Wisconsin-Madison, Madison, Wisconsin.
- B098 Tissue-associated microbiome differences between early-onset and later-onset colorectal cancer from the translational research program in cancer differences across populations.** Scott D. LaBrie, Fred Hutchinson Cancer Center, Seattle, Washington.
- B099 Cervicovaginal fluid metabolome differs by race, but not tumor characteristics, in patients with ovarian cancer.** Oyomoare L. Osazuwa-Peters, Duke University School of Medicine, Durham, North Carolina.
- B100 Germline genetics of chronic inflammation and breast cancer risk in Peru: Building population-specific resources for precision prevention in Latin America.** Solange R. Paredes-Moscocco, University of California Davis, Davis, California.
- B101 Neighborhood environmental exposures are associated with tumor genomic alterations and clinical outcomes across cancers.** Jiawei Tu, UTHealth Houston, Houston, Texas.
- B102 Contemporary redlining and mortality risk in Cancer Prevention Study-3.** Olivia Anike, American Cancer Society, Atlanta, Georgia.
- B103 Cognitively supportive neighborhood environments and cognitive function after breast cancer.** Iwalola A. Awoyinka, Medical College of Wisconsin, Milwaukee, Wisconsin.
- B104 Characterizing neighborhood socioeconomic and built environment using new SEER-Medicaid data linkage: Implications for cancer survivorship research.** Imani Canton, National Cancer Institute, Rockville, Maryland.
- B105 Evaluating access to gynecologic oncologists as a mediator of the relationship between residential segregation and ovarian cancer survival in California.** Ekaterina Chirikova, University of California, San Francisco, San Francisco, California.

B106 Temporal trends in early-onset gynecologic cancers among demographically diverse Texas Gulf-Coast women. Jennifer Cullen, Houston Methodist Dr. Mary and Ron Neal Cancer Center, Houston, Texas.

B107 Neighborhood context and racial disparities in guideline-concordant endometrial cancer treatment. Ashley S. Felix, Wake Forest School of Medicine, Winston-Salem, North Carolina.

B108 Area deprivation and social determinants of health factors among African American women with breast cancer in the Detroit and New York metropolitan area. Desiree A. Rivers, Morehouse School of Medicine, Atlanta, Georgia.

B109 Beyond persistent poverty: A population-based study of social vulnerability and gastrointestinal cancer survival. Mackenzie E. Fowler, University of Alabama at Birmingham, Birmingham, Alabama.

B110 A comparison of the association of three neighborhood-level socioeconomic indicators on diagnostic disease state of plasma cell dyscrasia. Zachary H. Fusfeld, Thomas Jefferson University, Philadelphia, Pennsylvania.

B111 Association of cumulative racialized economic segregation with female breast cancer mortality: A marginal structural model analysis of U.S. counties, 1990–2019. Kamalakanta Gahan, Duke University, Durham, North Carolina.

B112 Characterizing neighborhood green space and associations with colorectal cancer risk and mortality across race and ethnicity in the Multiethnic Cohort. Courtney M. Hill, University of Washington, Seattle, Washington.

B113 The mediating role of social vulnerability index on the association between rurality and early onset colorectal cancer (EOCRC) outcomes. Sydney P. Howard, University of Kentucky, Lexington, Kentucky.

B114 Principal components analysis of county-level variables in the 2011 United States Department of Agriculture Food Environment Atlas data. Shaun R. Jones, The University of North Carolina at Chapel Hill, Chapel Hill, North Carolina.

B115 Excess early-onset cancer incidence for counties with intersecting persistent poverty and rurality. Erica J. Lee Argov, Columbia University Mailman School of Public Health, New York, New York.

B116 Neighborhood factors, early-onset diagnosis, and timeliness of care among Asian American breast cancer patients: Findings from the AMBER-LA study. Junrui Lyu, Keck School of Medicine, University of Southern California, Los Angeles, California.

B117 Co-exposure to neighborhood walkability and outdoor air pollution across the rural-urban continuum. Lydia Marcus Post, National Cancer Institute, Rockville, Maryland.

B118 Neighborhood deprivation and the breast tumor transcriptome: Distinct associations by race and estrogen receptor status. Jasmine Miller-Kleinhenz, University of Mississippi Medical Center, Jackson, Mississippi.

B119 Social vulnerability and early-onset colorectal cancer outcomes in Kentucky and Georgia. Justin X. Moore, University of Kentucky, Lexington, Kentucky.

B120 Neighborhood socioeconomic status and aggressive breast cancer subtypes in early-onset patients. Sofia A. Oviedo, Emory University, Atlanta, Georgia.

B121 Neighborhood socioeconomic status and obesity-related cancer mortality among postmenopausal women: A secondary analysis from the Women's Health Initiative. Margaret S. Pichardo, University of Pennsylvania, Philadelphia, Pennsylvania.

B122 A tale of two rurals: Shifting from distance to exposure in cancer disparities research. Christopher Pierson, University of Nebraska Medical Center, Omaha, Nebraska.

B123 Neighborhood retail environments and aggressive breast cancer subtypes among Black and White women in Georgia. Jarvis E. Richardson, Emory University, Atlanta, Georgia.

B124 Neighborhood socioeconomic deprivation, race, and head and neck squamous cell carcinoma survival. Raquel Rowell, University of Maryland School of Medicine, Baltimore, Maryland.

B125 Structural drivers, neighborhood disinvestment, and lung cancer risk: The Multiethnic Cohort Study and Southern Community Cohort Study. Meera Sangaramoorthy, University of California, San Francisco, San Francisco, California.

B126 The role of social capital as a potential buffer against adverse outcomes among women diagnosed with breast cancer in Georgia. Alexis J. Smith, Emory University, Atlanta, Georgia.

B127 Redlining, gentrification, and the relationship to diagnosis of prostate cancer at midlife. Charnita Zeigler-Johnson, Fox Chase Cancer Center, Philadelphia, Pennsylvania.

B128 Rural-urban differences in breast cancer mortality: A national analysis integrating population-level trends and patient-level outcomes. Nickolas Stabellini, Case Western Reserve University, Cleveland, Ohio.

B130 Immigrant concentration and breast cancer treatment delay by county racial and ethnic composition. Sanyu Takirambudde, Columbia University Mailman School of Public Health, New York, New York.

B131 Geospatial identification of pediatric cancer populations disproportionately affected by extreme weather. Hannah Thompson, Icahn School of Medicine at Mount Sinai, New York, New York.

B132 Evaluating community-level latent class models of Healthcare Access and Neighborhood Assets in relation to breast cancer stage at diagnosis among Black women in New Jersey and North Carolina. Madison T. Uhrin, University of North Carolina at Chapel Hill, Chapel Hill, North Carolina.

B133 Rural-urban differences in health care patterns among endometrial cancer survivors in North Carolina. Maria C. Urrea Suescun, University of North Carolina at Chapel Hill, Chapel Hill, North Carolina.



B134 Prevalence of metabolic dysfunction-associated steatotic liver disease among U.S. adolescents: Results from the National Health and Nutrition Examination Survey, 2021-2023.

Christian S. Alvarez, National Institute on Minority Health and Health Disparities, Bethesda, Maryland.

B135 Evaluating the role of DNA methylation on post-treatment obesity in a diverse population of pediatric acute lymphoblastic leukemia survivors: A report from the REDIAL consortium.

Rutu Rathod, University of Arkansas for Medical Sciences, Little Rock, Arkansas.

B136 Age-period-cohort analysis of obesity-associated cancer incidence in Puerto Rico, 2003–2022.

Carola T. Sanchez-Diaz, University of Puerto Rico Comprehensive Cancer Center, San Juan, Puerto Rico.

B137 Differences in cancer risk perceptions and screening behaviors by BMI and Appalachian residence.

Rachel A. Wattick, West Virginia University, Morgantown, West Virginia.

B138 Receipt of NCCN-guideline concordant endometrial cancer care in the Carolina

Endometrial Cancer Study: Disparities by race and histology. Taylor D. Ellington, University of North Carolina at Chapel Hill, Chapel Hill, North Carolina.

B139 Clinical and psychosocial determinants of health-related quality of life among women with breast cancer in Puerto Rico: Domain-specific findings using the Functional Assessment of Cancer Therapy-General (FACT-G).

Amanda L. Jones-Rodriguez, University of Puerto Rico, Comprehensive Cancer Center, San Juan, Puerto Rico.

B140 Interstate travel, travel time, and access barriers in pediatric oncology care across the United States.

Erin L. Marcotte, University of Minnesota, Minneapolis, Minnesota.

B141 Social determinants of health and early-onset colorectal cancer diagnosis: Evidence from the All of Us Research Program.

Meng-Han Tsai, Augusta University, Augusta, Georgia.

B142 Characteristics and temporal trends of endometrial cancer survivors in the United States.

Chelsea Anderson, University of North Carolina at Chapel Hill, Chapel Hill, North Carolina.

B143 Synchronous endometrial-ovarian cancer: Patient characteristics and racial/ethnic disparities in survival in the U.S.

Jazmyn Bess, Emory University, Atlanta, Georgia.

B144 Distinct tumor-intrinsic immune signatures define subtype-associated platinum resistance in ovarian cancer.

Isra Elhussin, Tuskegee University, Tuskegee, Alabama.

B145 African ancestry is associated with dysregulation of MYC target genes in high-grade endometrial cancer.

Devin Gee, Feinstein Institutes for Medical Research, Manhasset, New York.

B146 Health disparities in endometrial cancer among Black women: A systematic review.

Sahanashree Rajeshkumar, Robbinsville High School, Robbinsville Township, New Jersey.

B147 Community-engaged Helicobacter pylori screening to reduce stomach cancer risk in North Carolina tribal communities.

Jada Allen, Duke Cancer Institute, Durham, North Carolina.

B148 Physical activity among perimenopausal and postmenopausal women living in areas experiencing persistent poverty: A mixed-methods analysis. Monalisa Chandra, University of Houston, Houston, Texas.

B149 Prevalence of HPV vaccination and cervical cancer screening among women living with HIV in Puerto Rico: Findings from the 2023-2024 Medical Monitoring Project. Marievelisse Soto-Salgado, University of Puerto Rico Comprehensive Cancer Center, Division of Cancer Control and Population Sciences, San Juan, Puerto Rico.

B150 A community health assessment to inform cervical cancer prevention and reduce disparities in the Tri-County region of Illinois. Lauren Giurini, University of Illinois Chicago, Chicago, Illinois.

B151 Frailty and cognitive impairment among midlife and older Black adults residing in a persistent poverty area. Scherezade K. Mama, The University of Texas MD Anderson Cancer Center, Houston, Texas.

B152 Student attitudes toward implementing a nicotine-free campus policy to support cancer prevention: A needs assessment at the University of Chicago. Victoria Nassar, The University of Chicago, Chicago, Illinois.

B153 Hepatocellular carcinoma screening awareness, testing, and vaccination among Southeast Asian adults in Minnesota: Implications from social isolation, loneliness, connections, and trust. Eunice Y. Park, Mayo Clinic, Rochester, Minnesota.

B154 Identifying gaps in hepatocellular carcinoma awareness and hepatitis B prevention among Southeast Asian adults in Minnesota: Findings from a community-engaged survey and evidence for targeted interventions. Eunice Y. Park, Mayo Clinic, Rochester, Minnesota.

B155 Colorectal and lung cancer screening behaviors among breast cancer survivors. Adebola O. Adegboyega, University of Kentucky, Lexington, Kentucky.

B156 Disparities in up-to-date breast, cervical, and colorectal cancer screening among Arab Muslim immigrants: A standardized comparison with the Indianapolis metropolitan population. Ali Ajrouch, Indiana University School of Medicine, Department of Family Medicine, Indianapolis, Indiana.

B157 Preliminary findings from the Breast and Cervical Navigation in Communities for Equity (BC- NiCE) study among Black and Hispanic women in Georgia. Amirah Burton, Morehouse School of Medicine, Atlanta, Georgia.

B158 Unmet social needs and preferences for at-home cervical cancer self-testing in U.S. women: A cross-sectional analysis 2024 HINTS data. Marlene Camacho-Rivera, SUNY Downstate Health Sciences University School of Public Health, Richmond Hill, New York.

B159 Assessing breast, cervical, and colorectal cancer screening adherence among Black women using the Stages of Reproductive Aging Workshop (STRAW+10). Dannelle Charles, American Cancer Society, Atlanta, Georgia.

B160 Willingness to perform HPV self-sampling among women living with HIV in Puerto Rico: Findings from the 2023–2024 Medical Monitoring Project. Maria del mar Conde, University of Puerto Rico Comprehensive Cancer Center, Division of Cancer Control and Population Sciences, San Juan, Puerto Rico.

B161 Longitudinal surveillance mammography phenotypes among older breast cancer survivors. Luchang Cui, Weill Cornell Medicine, New York, New York.

B162 Key factors in completing lung cancer screening (LCS) among eligible Cherokee Nation Health Services patients. Kathleen Dwyer, University of Oklahoma Health Campus, Oklahoma City, Oklahoma.

B163 The Same Day/Next Day Cancer Care Program increases access to vulnerable patients and subsequent first-line treatment initiation. Joseph P. Flemming, Jefferson Abington Hospital, Abington, Pennsylvania.

B164 Beyond screening: Individual and structural determinants of attendance at diagnostic follow-up recommendations after abnormal cervical cancer screening. Anna Gottschlich, Wayne State University/Karmanos Cancer Institute, Detroit, Michigan.

B165 Disaggregating colonoscopy screening in New York City Black populations by nativity and birth region: New York City Community Health Survey 2015-2019. Margrethe F. Horlyck-Romanovsky, Brooklyn College, City University of New York, Brooklyn, New York.

B166 A community-based mobile colorectal cancer screening model to improve equitable screening access among historically underserved populations. Amna Hussein, University of Minnesota, Minneapolis, Minnesota.

B167 Developing a community-focused patient navigation program (CFNP) to improve cancer care in a rural Tribal health system. Dakota K. Jones, University of Southern California, Torrance, California.

B168 Patterns of betel nut and tobacco use in a US refugee smoking cohort. Alia Khamis, University of Rochester Medical Center, Rochester, New York; Garnet Heath Medical Center, Rochester, Middletown, NY.

B169 Association between social determinants of health and compliance with recommended breast, cervical, and colorectal cancer screenings. Emily Kidd, University of Illinois Chicago, Chicago, Illinois.

B170 Age-related variations in readiness for at-home cervical self-collection implementation among underscreened patients in a large Southern California Federally Qualified Health Center system. Shira Goldenberg, San Diego State University, San Diego, California.

B171 Explaining geographic variation in breast and colorectal cancer screening across the Houston Methodist catchment area. Khamron Micheals, Houston Methodist Dr. Mary and Ron Neal Cancer Center, Houston, Texas.



B172 Comparing pathogenic variants (PV) and variants of uncertain significance (VUS) in breast cancer (BC) susceptibility genes by genetic similarity groups among WISDOM 2.0 participants.

Jackelyn J. Moya, University of California, San Francisco, San Francisco, California.

B173 The Prostate Health Equity Project: Shared decision-making support for patients and providers in prostate cancer screening.

M. Muska Nataliansyah, Medical College of Wisconsin, Milwaukee, Wisconsin.

B174 Awareness of prostate cancer and prevalence of elevated prostate-specific antigen in a community-based screening program.

Ayodeji O. Ojetunde, Medserve-LUTH Cancer Centre, Lagos University Teaching Hospital, Lagos, Nigeria.

B175 Pairing fecal immunochemical testing with patient navigation to reduce colorectal cancer screening disparities: Results from the Get FIT program in South Texas.

Alexa Ortiz, University Health, San Antonio, Texas.

B176 Behavioral and structural determinants of colorectal cancer screening among Black men in medically underserved Virginia communities.

Emiolakan R. Oyeneyin, Virginia Commonwealth University, Richmond, Virginia.

B177 An explainable and multiethnic deep learning platform for melanoma screening and diagnosis using the ABCDE rule and two-dimensional full-body sequential analysis.

Kevin D. Cassel, University of Hawai'i Cancer Center, Honolulu, Hawaii.

B178 Cancer screening on wheels: Identifying geographic gaps in access across Tennessee.

Bhargavi Ramamurthy, Vanderbilt-Ingram Cancer Center, Nashville, Tennessee.

B179 Implementation of the "One-Stop Katsina" integrated cancer screening paradigm:

Addressing health disparities in Sub-Saharan Africa. Fatima Abubakar Rasheed, University of Miami Miller School of Medicine, Miami, Florida.

B180 Colorectal cancer screening uptake among adults aged 46–49 following updated USPSTF recommendations: Sex based, rural-urban, and comparative cancer screening disparities in the 2024 BRFSS.

Anyia Reddy, Blue Valley North High School, Kansas City, Kansas.

B183 Cervical cancer screening experiences and awareness and acceptability of HPV self-collection among lesbian, bisexual, and queer (LBQ+) ciswomen ages 50 and above.

Lauren Sayah, University of Illinois Chicago, Chicago, Illinois.

B184 Leveraging the BRIDGE framework to transform breast cancer diagnosis in ub-Saharan Africa.

John Oluwafemi Teibo, Department of Biochemistry and Immunology, Ribeirão Preto Medical School, University of São Paulo, Ribeirão Preto, São Paulo, Brazil.

B185 Cancer screening trends by housing status in a Federally Qualified Health Center: A multi-year evaluation.

Kim Tran, California State University of Channel Islands, Camarillo, California.

B186 Advancing community-engaged recruitment: Progress and evaluation of the CaRE² Health Center Community Contact Registry.

Brooke Vintilla, University of Florida, Orlando, Florida.



Poster Session C

Tuesday, October 20

7:00-8:30 p.m.

Galleria Exhibit Hall 2,3,5,6,7

C001 Bridging the rural cancer care gap through oncology social work and patient navigation: A mixed-methods study from Eastern India. Aditya Manna, MAS Clinic & Hospital, Tamluk, India.

C002 Queer individuals' cervical cancer screening experiences. Mollie E. Aleshire, University of Louisville, Louisville, Kentucky.

C003 Different pathways, shared consequences: Cancer screening and prevention narratives among Black men and women. Vanessa Allen-Brown, University of Cincinnati College of Education, Criminal Justice, and Human Services, Cincinnati, Ohio.

C004 Understanding survivorship needs to inform development of the iCCaRE ViRA AI Survivorship Platform for black prostate cancer survivors. Opeyemi Bolajoko, Mayo Clinic, Jacksonville, Florida.

C005 Unmet survivorship care needs of family caregivers of patients with prostate cancer. Opeyemi O. Bolajoko, Mayo Clinic, Jacksonville, Florida.

C006 Co-design of a Food as Medicine program for Black women with breast cancer. Suzette Chaumette, Food Indy, Oakland, California.

C007 Fostering mutual understanding of drivers of cancer health disparities in an urban community through community-based group model building. Kelvin Choi, National Institute on Minority Health and Health Disparities, Bethesda, Maryland.

C008 Leveraging faith and community partnerships to advance cancer research engagement in Rural Georgia. Naaja Davis, Morehouse School of Medicine, Atlanta, Georgia.

C009 Impact of a national community advisory board on clinical trial design, participant recruitment, and implementation: 1 year of experience. Shifra Krinshpun, Natera, Inc., Austin, Texas.

C010 The Asian American Prospective Research (ASPIRE) Cohort Study: Recruitment strategies and early experience from a regional study site. Jessica P. Li, Cedars-Sinai Medical Center, Los Angeles, California.

C011 Advancing cardiovascular and cancer health equity among Black men through community-based research. Caseem C. Luck, Moffitt Cancer Center, Tampa, Florida.

C012 The BACPAC experience: Understanding the needs of patient advisors and citizen scientists in patient-partnered research. John L. Masembe, University of Washington, Seattle, Washington.

- C013 Medical mistrust spikes among LGBTQIA+ cancer survivors: Findings from The Out Survey.** Chelbye McIntyre, The LGBTQIA+ Cancer Network, Colorado Springs, Colorado.
- C014 Building community partnerships for cancer research: Implementation of the Community Scientist Program in Puerto Rico.** Alondra K. Mercado-Andino, University of Puerto Rico Comprehensive Cancer Center, Cancer Control and Population Sciences Division, San Juan, Puerto Rico.
- C015 Bridging cultural beliefs and cancer prevention: Afghan refugee women's perspectives on colorectal cancer screening.** Sadia Shah, Virginia Commonwealth University, Richmond, Virginia.
- C016 I wanted to help bridge that gap: Exploring a community advisory board's perceived contributions to addressing cancer prevention barriers among Black, Asian, and Hispanic/Latino communities in a multi-state cancer partnership.** Hope Talbert, Temple University, Philadelphia, Pennsylvania.
- C017 Personal care products and chemicals of concern among Black breast cancer survivors: A Clearya platform assessment.** Dede K. Teteh-Brooks, University of Texas MD Anderson Cancer Center, Houston, Texas.
- C018 Barriers, facilitators, and strategies for recruitment and retention of U.S. Vietnamese parents in digital health interventions to improve HPV vaccination .** David Tran, Medical College of Georgia, Athens, Georgia.
- C020 Geospatial mapping of breast cancer outcomes in Baltimore City to inform academic and community-driven intervention design.** Daniel Felipe Arteaga-Vargas, Johns Hopkins Sidney Kimmel Comprehensive Cancer Center, Baltimore, Maryland.
- C021 Using culturally tailored edutainment videos to promote decision-making about breast cancer clinical trials among Black women: Results of the FOR ME pilot.** Leslie R. Carnahan, University of Illinois Cancer Center, Chicago, Illinois.
- C022 Variations in decision-making around endometrial biopsy to detect endometrial cancer among diverse women in South Florida.** Heidy N. Medina, University of Miami, Miami, Florida.
- C023 Sociodemographic patterns in treatment decision-making preferences among men with low-risk prostate cancer.** Jason Zhang, University of California, San Francisco, San Francisco, California.
- C024 Underserved and overlooked: Barriers to genetic services among Black women at risk for hereditary breast and ovarian cancer syndrome.** Alexandria E. Fletcher, H. Lee Moffitt Cancer Center, Tampa, Florida.
- C025 Lost in translation: How acculturation measurement shapes understanding of cancer genetic screening disparities among U.S. Latinos.** Dayanna Ramirez, Emory University, Atlanta, Georgia.
- C026 Cancer history and rural residence as determinants of genetic cancer risk testing engagement among U.S. adults.** Dongyu Zhang, Augusta University, Augusta, Georgia.

C027 Evaluating a community-centered training program to strengthen advocates' readiness to promote clinical research participation. Kimling T. Ashing, City of Hope, Duarte, California.

C028 Health related quality of life status among Black prostate cancer survivors. Kimlin T. Ashing, City of Hope, Duarte, California.

C029 A practice in community: The Multiple Myeloma Community Connect Program. Ola Banjo, The Multiple Myeloma Research Foundation, Norwalk, Connecticut.

C030 Enhancing accrual of Native Hawaiian men into prostate cancer clinical trials through a multilevel intervention. Kevin D. Cassel, University of Hawai'i Cancer Center, Honolulu, Hawaii.

C031 Building capacity in Native communities: Community health representative training in cancer navigation. Carol Goldtooth, Northern Arizona University, Flagstaff, Arizona.

C032 2,500 worksites | 350,000 employees: Cancer health education programs with Native Nations and adjacent rural communities. Rodney Haring, Roswell Park Comprehensive Cancer Center, Buffalo, New York.

C033 Strengthening community impact through partner-led engagement and collective action. Eduardo Ibarra, University of Southern California, Los Angeles, California.

C034 Addressing breast cancer screening barriers through educational interventions for healthcare providers: A community-based participatory effort by Puerto Rico community engagement alliance (PR-CEAL). Nitza E. Malave-Velez, University of Puerto Rico Comprehensive Cancer Center, Cancer Control and Population Sciences Division, San Juan, Puerto Rico.

C035 Bicoastal partnership to promote community-engaged cancer prevention, screening, and research participation. Sandra Suther, Florida A&M University, Tallahassee, Florida.

C036 Assessing the utilization of an adapted tobacco cessation training for community health workers: The impact of knowledge retention six months post-training. Wenxuan Tang, The University of Chicago, Chicago, Illinois.

C037 Feasibility and acceptability of a brief intervention to reduce sugar-sweetened beverage consumption among Latinos with cirrhosis. Vanessa Torres, Cedars-Sinai Medical Center, Los Angeles, California.

C038 Community-based, culturally tailored education improves breast and colorectal cancer screening knowledge among low-resource populations. Jade Truehart, Temple University, Philadelphia, Pennsylvania.

C039 Empowering patient advocates in Hawai'i: Community Scientist Program. Sage Vasconcellos-Merryman, Breast Cancer Hawaii/University of Hawaii Cancer Center, Honolulu, Hawaii.

C040 Financial toxicity, social determinants of health, and precision medicine adherence among Hispanic/Latino patients with colorectal cancer: Supporting a culturally tailored financial navigation and education program. Enrique Velazquez-Villarreal, City of Hope, Duarte, California.

- C041 Integrated multi-cancer analysis of colorectal, pancreatic, gastric, and liver cancer reveals ethnicity-specific oncogenic pathway alterations among Hispanic/Latino populations.** Enrique Velazquez-Villarreal, City of Hope, Duarte, California.
- C042 Awareness of hepatitis B and hepatitis C viruses as causes of cancer among U.S. adults: Findings from HINTS 7.** Rachel A. Wattick, West Virginia University, Morgantown, West Virginia.
- C043 Sociodemographic predictors of knowledge of the HPV-cancer link and awareness of the HPV vaccine.** Rachel A. Wattick, West Virginia University, Morgantown, West Virginia.
- C044 Psychosocial stressors are associated with epigenetic measures of multisystem biological age acceleration in Black breast cancer survivors.** Iwalola A. Awoyinka, Medical College of Wisconsin, Milwaukee, Wisconsin.
- C045 Adrenergic-modulating medications and mortality: Antidepressant and beta-blocker use among Black breast cancer survivors.** Ji E. Park, Roswell Park Comprehensive Cancer Center, Buffalo, New York.
- C046 A data-driven approach to evaluating clinical trial portfolios and enrollment relative to catchment area cancer burden.** Rossybel P. Amorrortu, Moffitt Cancer Center, Tampa, Florida.
- C047 HT Helper: A culturally tailored mobile health and patient navigation intervention to address barriers to hormone therapy adherence among Latina breast cancer survivors.** Vivian Cortez, UT Health San Antonio, San Antonio, Texas.
- C048 Two sides of the coin: Patient and provider perspectives of clinical trials.** Linda Fleisher, Fox Chase Cancer Center, Philadelphia, Pennsylvania.
- C049 Safeguarding equity and data integrity in online health disparities research: lessons learned from fraudulent activity in the Black Men's Health Study.** B. Lee Green, Moffitt Cancer Center, Tampa, Florida.
- C050 Multilevel determinants of medical trust influencing willingness to participate in cancer clinical trials: A secondary analysis of the clinical trials and genomic education program.** Anastasia Murphy, Moffitt Cancer Center, Tampa, Florida.
- C051 Empowering providers to improve clinical trial access: Feasibility and acceptability of an educational intervention on communication around clinical trials.** Shazia Nakhoda, Fox Chase Cancer Center, Philadelphia, Pennsylvania.
- C052 From feasibility to fit: Building institutional research readiness across varied care delivery settings through archetype-matched partnerships.** Sakinah Suttiratana, Yale School of Medicine, New Haven, Connecticut.
- C053 Enhancing cancer survivorship outcomes in rural Georgia through nurse navigation: A feasibility study.** Sejong Bae, Augusta University, Augusta, Georgia.
- C054 Financial strain is associated with greater inflammatory burden among older adults with a history of cancer.** Cameron A. Brown, University of Southern California, Los Angeles, California.

C055 Does neighborhood deprivation moderate associations between patient knowledge of precision medicine and discussions and completing of tumor genetic testing? Denine R. Crittendon, National Cancer Institute, Rockville, Maryland.

C056 Enhanced National Cancer Institute (NCI) data resources to support research on area-level context and cancer-related outcomes. Amy J. Davidoff, National Cancer Institute, Rockville, Maryland.

C057 Enrollment outcomes after screening in phase 1 oncology clinical trials: Real-world evidence from a NCI-designated cancer center. Erica DeCecco, Hackensack University Medical Center, Hackensack, New Jersey.

C058 Area deprivation independently predicts worse survival in curative-intent radiotherapy: A disparity largely independent of radiotherapy interruptions. Ahmed O. Elmehra, University of Texas MD Anderson Cancer Center, Houston, Texas.

C059 Sociodemographic patterns of racial disparities in cardiovascular disease mortality after breast cancer diagnosis by estrogen receptor status. Xinyi Feng, Rollins School of Public Health, Emory University, Atlanta, Georgia.

C060 The mediating role of perceived social support in the association between financial toxicity and health-related quality of life among cancer patients in Puerto Rico. Lorena González Sepúlveda, University of Puerto Rico Comprehensive Cancer Center, San Juan, Puerto Rico.

C061 Addressing unmet non-medical needs for patients with cancer: Preliminary results from the ConnectedNest Trial. David Haynes II, University of Minnesota, Minneapolis, Minnesota.

C062 Enclave residence and social connectedness among Chinese immigrants in Philadelphia. Phuong Hoang, California Polytechnic University, San Luis Obispo, California.

C063 Association between insurance status and age-related survival patterns in de novo metastatic breast cancer. Ridwana Islam, UT Southwestern Medical Center, Dallas, Texas.

C064 Neighborhood safety and physical activity in a persistent poverty community: Findings from the Acres Homes Cancer Prevention Collaboration. Lorna H. McNeill, University of Texas MD Anderson Cancer Center, Houston, Texas.

C065 Mapping the intersection of socioeconomic status, chronic disease, and cancer mortality in Alabama: A geospatial analysis of prostate and lung cancer. Manoj K. Mishra, Alabama State University, Montgomery, Alabama.

C066 Patient reported health-related social needs and care disruptions in the outpatient cancer clinic. Mubarak Momodu, University of California, San Francisco, San Francisco, California.

C067 “Let her die anyway”: Caregivers’ perspective on breast and cervical cancer stigma in Rwanda. Marwatunnisa Al Mubarakah, Dana-Farber Cancer Institute, Boston, Massachusetts.

C068 Socioeconomic factors associated with mental health disparities between Missouri and Midwestern cancer survivors: A 2024 BRFSS analysis. George P. Philipopoulos, Kansas City University, Kansas City, Missouri.

- C069 The relationship of demographics, exposome, and outcomes among patients with breast cancer brain metastasis.** Margaret Q. Rosenzweig, University of Pittsburgh School of Nursing, Pittsburgh, Pennsylvania.
- C070 Equity and barriers to care in head and neck cancer treatment: A qualitative study.** Micaela L. Shields, University of Mississippi Medical Center, Jackson, Mississippi.
- C072 Homeownership and cancer-related financial hardship among cancer survivors.** Victoria M. Telles, University of California, San Diego, San Diego, California.
- C073 Evaluating food insecurity in gastrointestinal cancer patients.** Chrystelle L. Vilfranc, Columbia University Herbert Irving Comprehensive Cancer Center, New York, New York.
- C074 Daily aspects of the environment on stress and mood among young adults with cancer.** Katie Darabos, Rutgers School of Public Health, Piscataway, New Jersey.
- C075 Associations between caregiving burden, sleep disturbance, and quality of life among caregivers of young adult cancer survivors: Does sex matter?** Yuko Hamajima, University of Texas at Austin, School of Nursing, Austin, Texas.
- C076 Stress phenotyping using allostatic load captures the biological consequences of social disadvantage and predicts clinical outcomes in acute myeloid leukemia.** Marisol Miranda-Galvis, Augusta University, Augusta, Georgia.
- C077 Association between allostatic load and healthcare utilization among breast cancer survivors: Secondary analysis of NHANES data.** Reindolf Oppong, University of Pittsburgh, Pittsburgh, Pennsylvania.
- C078 Breast cancer survivors' perceptions of medical mistrust and discrimination in health care and their impact of psychological distress: A qualitative study.** Fariha Tariq, The University of Texas MD Anderson Cancer Center, Houston, Texas.
- C079 Correlates of depression and anxiety in rural cancer survivors.** Fariha Tariq, The University of Texas MD Anderson Cancer Center, Houston, Texas.
- C080 Associations between immigration-related factors and patient experience ratings among Asian inpatients.** Deidra C. Coleman, University of Texas MD Anderson Cancer Center, Houston, Texas.
- C081 Immigration history and acculturation-related factors in relation to health-related quality of life and depressive symptoms among Korean American patients with chronic Hepatitis B (CHB).** Eunji Kim, Drexel University, Philadelphia, Pennsylvania.
- C082 Advancing equitable cancer clinical trial access through workforce education: Results of a pre-post training evaluation.** Kristen A. Legor, Dana-Farber Cancer Institute, Boston, Massachusetts.
- C083 Trends in mental health counseling and therapeutic treatment for depression among cancer survivors.** Daniela Miró-Rivera, Baylor College of Medicine, Houston, Texas.

C084 Mentor-up: Early outcomes of a structured mentorship program to strengthen the cancer workforce. Joni D. Nelson, Medical University of South Carolina Hollings Cancer Center, Charleston, South Carolina.

C085 Understanding organizational context in a multi-institution cancer health disparities center: Collaboration, leadership, and engagement. LaToya J. O'Neal, University of Florida, Institute of Food and Agricultural Sciences, Gainesville, Florida.

C086 CaRE² Health Center strengthens cancer research capacity and workforce development at Florida A&M University. Renee Reams, Florida A&M University, Tallahassee, Florida.

C087 Development and implementation of a Resilience Skills Training for women with breast cancer in Rwanda: Lessons learned from a training of trainers. Emma P. Seevak, Harvard Medical School, Boston, Massachusetts.

C088 Clinical trial awareness and knowledge among Black breast and gynecological cancer survivors. Arnethea L. Sutton, Virginia Commonwealth University, Richmond, Virginia.

C089 Breast cancer experiences of sexual minority women: A qualitative analysis of the OUT National Cancer Survey data. Kristi Tredway, Oregon Health & Science University, Portland, Oregon.

C090 Endothelin and aggressiveness of breast cancer: Role of estrogen agonist. Alexis N. Coleman, Alabama Agricultural and Mechanical University, Huntsville, Alabama.

C091 Racial differences in quantitative breast density estimated from digital breast tomosynthesis. Sarah Ehsan, Perelman School of Medicine at the University of Pennsylvania, Philadelphia, Pennsylvania.

C092 Sampling-aware modeling of circulating tumor DNA and tumor volume for imaging-sparing monitoring in HPV-associated anal squamous cell carcinoma. Sophia S. Fetouh, Duke University, Durham, North Carolina.

C093 Lack of Atypical Chemokine Receptor 1 (ACKR1/DARC) expression in Hispanic/Latina breast cancer is associated with a suppressive tumor immune microenvironment. Nikita Jinna, City of Hope, Duarte, California.

C094 AI/ML-assisted detection of HMGA2 RNA isoforms in prostate cancer patient tissue. Bor-Jang Hwang, Morgan State University, Baltimore, Maryland.

C095 Stress among persistent-poverty communities: A baseline analysis of the Cancer PREEMPT biomarkers for allostatic load. Catanya G. Stager, University of Alabama at Birmingham, Birmingham, Alabama.

C096 Kinesin family member C1 (KIFC1) is associated with increased breast cancer risk in African-American women. Dana S. Franklin, City of Hope, Los Angeles, California.

C097 Integrating pathologist annotation with 48-plex CODEX spatial proteomics reveals compartment-specific differences between early- and late-onset colorectal cancer in Latino patients. Francisco G. Carranza, Beckman Research Institute of City of Hope, Duarte, California.

C098 Integrative multi-omics profiling reveals genomic ancestry-associated molecular features of early-onset colorectal cancer. Francisco G. Carranza, Beckman Research Institute of City of Hope, Duarte, California.

C099 Spatial transcriptomics reveals compartment-specific activation of WNT, TGF- β , JAK-STAT, and PI3K signaling in colorectal cancer. Francisco G. Carranza, Beckman Research Institute of City of Hope, Duarte, California.

C100 Racial differences in skeletal muscle transcriptomic signatures reveal distinct cachexia pathways and prognostic biomarkers in advanced pancreatic ductal adenocarcinoma. Praveen Bhoopathi, Virginia Commonwealth University, Richmond, Virginia.

C101 Pathway-specific mutation profiles and their effect on overall survival in Hispanic/Latino and non-Hispanic White colorectal cancer patients receiving dual chemotherapy. Victor E. Morales, University of California, Riverside School of Medicine, Riverside, California.

C102 Characterizing race-associated immune signatures during neoadjuvant chemo-immunotherapy in triple-negative breast cancer. Nickolas Stabellini, Case Western Reserve University, Cleveland, Ohio.

C103 Precision MUC1-targeted nanomedicine reprograms oncogenic signaling and overcomes therapeutic resistance in racially diverse triple-negative breast cancer. Briana Kinnel, Morehouse School of Medicine, Atlanta, Georgia.

C104 The efficacy and safety of asciminib in the treatment of chronic myeloid leukemia: A systematic review and meta-analysis. Muh'd Saheed Kolawole Abd-Rouf, New Mexico Highlands University, Las Vegas, New Mexico.

C105 Light Activatable Sustained-exposure Ethanol Injection Technology (LASEIT) promotes systemic immune response in a murine model of colorectal cancer. Eva S. Landeta Orozco, University of Maryland, College Park, Maryland.

C106 From natural compound to targeted therapy: Curcumin-loaded hydrogels for cervical cancer prevention and treatment. Edikan Ogunnaike, Emory University, Atlanta, Georgia.

C107 Sex-differential TLR7/FR β biology shapes innate immunotherapy response in multiple myeloma. Olasunkanmi S. Omojokun, Purdue University, Lafayette, Indiana.

C108 Symptom burden pathways in nutritional insecurity among older adults with cancer. Jennifer M. Crook, University of Central Florida, Orlando, Florida.

C109 Longitudinal depressive symptom burden during early survivorship among survivors of young adult cancer. Mariah B. Echeverria, Keck School of Medicine, University of Southern California, Los Angeles, California.

C110 Sexual health concerns and confidence among sexual minority cancer survivors: Gender differences in a national survivorship survey. Cristobal Calvillo, University of Arkansas for Medical Sciences, Little Rock, Arkansas.

- C111 Cross-cultural translation and adaptation of FACT-B, FACIT-Sp-12, and QuickDASH instruments into Amharic for breast cancer care in Ethiopia.** Selome Gebremedhin, University of California, Riverside School of Medicine, Riverside, California; Ngozi Uzor, University of California, Riverside School of Medicine, Riverside, California.
- C112 The association between heart disease and health-related quality of life among cancer survivors in Puerto Rico.** Richard Joseph Holcknecht, University of Puerto Rico Comprehensive Cancer Center, San Juan, Puerto Rico.
- C113 Genetic ancestry and histology shape homologous recombination deficiency signatures in non-small cell lung cancer.** Moses Kamita, Fox Chase Cancer Center-Temple Health, Philadelphia, Pennsylvania.
- C114 Exploring the role of TLR4 in immune evasion and tumor progression of head and neck squamous cell carcinoma.** Sunanda Baidya, University of Chittagong, Chittagong, Bangladesh.
- C115 Low tumor expression of PSIP1/LEDGF/p75 is more prevalent in prostate cancer patients of African and East Asian descent and associated with improved immunotherapy outcomes possibly via increased pyroptotic vulnerability.** Adelaide V. Makamure, Loma Linda University, Loma Linda, California.
- C116 Tumor-educated platelets function as active regulators of prostate cancer in African Americans rather than passive bystanders in the circulatory microenvironment.** Vera Mariani, George Washington University, Washington, District of Columbia.
- C117 Dual targeting of mitotic kinases NEK2 and AURKB Ssuppresses SNAIL1-Driven epithelial-to-mesenchymal transition and invasive capacity in triple-negative breast cancer.** Elliott Rodriguez-Lopez, Ponce Health Sciences University, Ponce, Puerto Rico.
- C118 Identification of allele-specific microRNA binding sites in Hispanic colorectal cancer risk SNPs: A GWAS and All of Us analysis.** Sheikh Shafin Ahmad, University of Texas at El Paso, El Paso, Texas.
- C119 Characterizing FOXC1 dysregulation in triple-negative breast cancer to advance precision therapies and reduce cancer health disparities.** Vannah Algador, University of Southern California, Los Angeles, California.
- C120 ERBB2 and LEPR expression and genomic alterations in prostate cancer cohorts: Molecular context for obesity-related pathways and cancer health disparities.** Jazlyn Farlough, Morehouse School of Medicine, Atlanta, Georgia.
- C121 Aryl hydrocarbon receptor and leptin receptor co-expression is a marker of tumor aggressiveness potentially linking leptin-enhanced bortezomib resistance in prostate cancer.** Kofi K. Khamit-Kush, Clark Atlanta University, Atlanta, Georgia.
- C122 Early-onset colorectal cancer is associated with a coordinated epithelial-mesenchymal transition and tumor-plasticity transcriptional program across a diverse cohort.** Scott D. LaBrie, Fred Hutchinson Cancer Center, Seattle, Washington.

C123 Glucocorticoid receptor differential functions in African American triple-negative breast cancer. Cydnie Martin, Karmanos Cancer Institute, Detroit, Michigan.

C124 Spatial analysis identifies Kairo-high–endothelial DARC immune niches in African ancestry triple-negative breast cancer. Malik McRae, Johns Hopkins School of Medicine, Baltimore, Maryland.

C125 Repertoire of CD44 isoforms in triple negative breast cancer cell lines derived from African American and European American women. Karl E. Miletti, Delaware State University, Dover, Delaware.

C126 Integrated whole genome and transcriptome analyses reveal ancestry-associated molecular features of breast cancer. Nicolas Robine, New York Genome Center, New York City, New York.

C127 Lipocalin-2 links obesity-associated lipid stress to colorectal cancer health disparities in Hispanic patients. Somrita Roy, University of Texas at El Paso, El Paso, Texas.

C129 The genomic landscape of histologic subtypes of head and neck cancer: An analysis of AACR Project GENIE. Audrey Rustad, Duke University, Durham, North Carolina.

C130 A genetic ancestry-informed single-cell atlas of the endometrial cancer tumor microenvironment reveals ancestry-associated immune features with potential clinical implications. Emma Saart, Zucker School of Medicine at Hofstra/Northwell, Hempstead, New York.

C131 Influences of ancestry-associated non-pathogenic germline variants as cancer vulnerabilities. Nicole Peiris, Dana-Farber Cancer Institute, Boston, Massachusetts.

C132 Multi-omic profiling of breast cancer in Panamanian women reveals distinct genomic and transcriptomic features. M. Sharon Stack, University of Notre Dame, Notre Dame, Indiana.

C133 Overcoming FFPE preservation barriers: Enabling long-read whole genome sequencing applications. Pascal Uchegara, Morehouse School of Medicine, Atlanta, Georgia.

C134 Ubiquitination pathways, therapeutic targets, and population ancestry representation in breast cancer: A scoping review. Joshua K. Agbo, University of Nigeria, Enugu Campus, Enugu, Nigeria.

C135 Folate-targeted curcumin nanotherapy targets TYMS in drug-resistant triple-negative breast cancer disparities. Santosh K. Singh, Morehouse School of Medicine, Atlanta, Georgia.

C136 Characterizing biological drivers of racial disparities in acral melanoma patient populations. Viviana Smart, Johns Hopkins School of Medicine, Baltimore, Maryland.

C137 ITCH modulates GATA3 stability to suppress ER+ breast cancer cell proliferation. Lara Ulstad, Moffitt Cancer Center, Tampa, Florida.

C138 Racial differences in epigenetic aging and DNA methylation patterns in endometrial cancer tumors from the Carolina Endometrial Cancer Study. Srijon Mukhopadhyay, University of North Carolina at Chapel Hill, Chapel Hill, North Carolina.

C139 Race-specific hypermethylation of breast cancer driver genes concentrates in estrogen receptor-negative tumors. Bayan M. Toloubadei, Emory University, Atlanta, Georgia.

C140 Allele-specific chromatin architecture links an ancestry-associated germline variant to LRIG1 epigenetic regulation in breast cancer. Angel H. Pajimola, Johns Hopkins Bloomberg School of Public Health, Baltimore, Maryland.

C141 Race-dependent epigenetic restoration of acinar identity in normal human pancreatic 3D organoids. Md Abu T. Siddique, University of Florida, Gainesville, Florida.

C142 Integrating local African ancestry and DNA methylation reveals a genomic region associated with colorectal tumor epigenetic age deceleration. Ivy Tran, Temple University, Philadelphia, Pennsylvania.

C143 An ADCK4-NUMBL chimeric transcript generates a cell cycle-regulated cytoplasmic protein associated with Black race and poor prognosis in patients with lung adenocarcinoma. Lauren A. Cardosi, Moffitt Cancer Center, Tampa, Florida.

C144 Explainable artificial intelligence predicts disparity-associated miRNA regulatory axes in non-small cell lung cancer. Tanvi Bhatia, Morehouse School of Medicine, Atlanta, Georgia.

C145 Genetic ancestry admixture is associated with a baseline transcriptional program linked to intrinsic resistance to acinar-to-ductal metaplasia in human pancreatic acinar cells. Jinmai Jiang, University of Florida, Gainesville, Florida.

C146 Disparities in the tumor-immune microenvironment of primary prostate cancer tumors and lymph node metastases at single-cell spatial resolution. Carlos S. Moreno, Emory University, Atlanta, Georgia.

C147 U54 Cancer Health Disparities Specialized Program of Research Excellence: The Lymphoma Outcomes SPORE. Jean L. Koff, Winship Cancer Institute of Emory University, Atlanta, Georgia.

C148 Changes in tobacco-free workplace policy implementation quality and sustainment concerns moderate changes in healthcare providers' delivery of the 5As for cigarette use. Ammar Siddiqi, University of California, San Francisco, San Francisco, California.

C149 Assessing the impact of the Affordable Care Act on reducing racial disparities in insurance rates and mortality for childhood Acute Lymphoblastic Leukemia survivors: A report from the Children's Oncology Group. Jinhe Cha, University of Minnesota, Minneapolis, Minnesota.

C150 Are disruptions in Medicaid coverage linked to advanced stage diagnosis of common cancers? Parichoy Pal Choudhury, American Cancer Society, Atlanta, Georgia.

C151 A trend and ethical analysis of pediatric cancer research funding disparities; why certain pediatric cancers receive more research funding than others. Akua Williams, Washington University, St. Louis, Missouri.



C152 Identification of therapeutic vulnerabilities from multi-omic profiling of breast cancer patient-derived xenografts of African and European ancestry. Joshua Haueis, Virginia Commonwealth University, Richmond, Virginia.

C153 Therapeutic peptides in oncology: Current landscape and future directions. Ming Bo B. Huang, Morehouse School of Medicine, Atlanta, Georgia.

C154 The role of ACKR1 expression on red blood cells and the Duffy-null phenotype in regulating cytokine trafficking and metastasis in breast cancer. Faith A. Oladejo, University of Illinois Chicago, Chicago, Illinois.

C155 Immune profiling reveals distinct ancestry-associated immune surveillance programmes in breast cancer. Bryan Boon Han Ng, King's College London, London, United Kingdom.

C156 Results from an international breast cancer (BC) consortium analyzing low HER2/neu (HER2-Low) among cases of hormone receptor (HR)-positive and triple negative breast cancer (TNBC) in women with African ancestry. Brian Stonaker, Weill Cornell Medicine, New York, New York.

C157 The impact of HPV status and history of other STIs on cervical lesion severity in a cohort of pregnant women living in Puerto Rico. Julieann M. Colón-Sarriera, University of Puerto Rico Medical Sciences Campus, San Juan, Puerto Rico.

C158 Disparities in stage at diagnosis for female reproductive cancers by race and ethnicity and urbanicity in the U.S., 2012–2022. Beth J. Maclin, National Cancer Institute, Rockville, Maryland.

C159 Treatment determinants and outcomes among endometrial cancer patients: A systematic review. Brianna D. Taffe, University of North Carolina - Chapel Hill Gillings School of Global Public Health, Chapel Hill, North Carolina.

C160 Inflammatory, immune and proliferative pathways differentiate the tumors of Black and White Women in the Carolina Endometrial Cancer Study. Caitlin Witt, University of North Carolina at Chapel Hill, Chapel Hill, North Carolina.

C161 Bridging screening gaps: The role of annual healthcare utilization and rurality in colorectal cancer screening. Tumi Adaramola, Morehouse School of Medicine, Atlanta, Georgia.

C162 The C.A.R.E. network: A conceptual community-based patient navigation framework to address social determinants of health driving cancer screening disparities in underserved populations. Savana O. Agyemang, Philadelphia College of Osteopathic Medicine, Suwanee, Georgia.

C163 Individual and neighborhood-level predictors of bowel preparation adequacy: The independent roles of health literacy, race/ethnicity, and economic hardship. Patricia Ajayi-Fox, University of Alabama at Birmingham, Birmingham, Alabama.

C164 Let's talk about it: Uncovering barriers to achieving successful colonoscopy in a county facility in the Deep South. Patricia Ajayi-Fox, University of Alabama at Birmingham, Birmingham, Alabama.

C165 Building trust through community and youth leadership: A community-based prostate cancer screening initiative engaging Black men in Chicago. Ramona Burrell, Onyx Health Collective, Chicago, Illinois.

C166 Hidden capacity, missed opportunity: A pre implementation framework for integrating university hospitals into cancer prevention and screening in limited resource settings. Elabrar Ebrahim, Faculty of Medicine Alexandria University, Alexandria, Egypt.

C167 Evaluating the effectiveness of a centralized, multi-level patient navigation approach to improve cancer screening rates in rural populations. Marvella E. Ford, Medical University of South Carolina Hollings Cancer Center, Charleston, South Carolina.

C168 Evaluating a community-engaged strategy to increase HPV vaccination access in rural communities. Marvella E. Ford, Medical University of South Carolina, Charleston, South Carolina.

C169 Disparities in guideline-concordant breast and cervical cancer screening among Medicaid-insured female childhood cancer survivors: A report from the Childhood Cancer Survivor Study. Xu Ji, Emory University, Atlanta, Georgia.

C170 Association of marital status and living arrangement with adherence to all recommended cancer screenings. Qinran Liu, American Cancer Society, Atlanta, Georgia.

C171 Assessing appointment completion in the EPIC (Equitable, Patient-centered, and Innovative Care) Medicaid breast cancer quality improvement initiative for Chicago women. Zoe Parrott, Wellesley College, Wellesley, Massachusetts.

C172 Evaluating interest in the EPIC (Equitable, Patient-centered, and Innovative Care) Medicaid breast cancer quality improvement initiative for Chicago women. Zoe Parrott, Wellesley College, Wellesley, Massachusetts.

C173 ONE STOP Katsina: A one-stop navigation towards elimination of cervical cancer through screening, triage for treatment of precancerous cervical lesions. Fatima Rasheed, Sylvester Comprehensive Cancer Center, University of Miami and Federal Teaching Hospital Katsina, Miami, Florida.

C174 Population-Based racial equity metrics for early cancer detection: Temporal trends in localized stage at diagnosis among Black patients with solid tumors in North Carolina. Mya L. Roberson, University of North Carolina at Chapel Hill, Chapel Hill, North Carolina.

C175 Advancing oral cancer health equity: A systematic review of evidence-based interventions, Social determinants of health, and artificial intelligence among BIPOC populations. Tristan Thompson, Florida A&M University, Tallahassee, Florida.

C176 An informatics-driven framework for precision cervical cancer prevention in conflict-affected Northern Ethiopia: Linking HPV prevention gaps, traditional postpartum vaginal fumigation (Weyba Tis), and health system disruptions. Tsegdey M. Tsegaye, Fox Chase Cancer Center, Philadelphia, Pennsylvania.

C177 Evaluating lung cancer screening eligibility and uptake across occupational risk in the United States. Matthew M. Untalan, The Ohio State University, Columbus, Ohio.

C178 What prostate cancer messages motivate black men to screen? A randomized message-framing experiment. Tingyu Zou, Mayo Clinic, Jacksonville, Florida.

C179 Family vaccination context predicts HPV vaccine uptake among medical students. Farah Harb, Wayne State University, Detroit, Michigan.

C181 HPV vaccination uptake among age-eligible adults in a high-risk clinic-based population in Puerto Rico. Michelle Torrico, University of Southern California, La Puente, California.