15th AACR Conference on The Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved

In association with the AACR Minorities in Cancer Research Council

September 16-19, 2022 | Philadelphia Marriott Downtown | Philadelphia, PA

PROGRAM

*current as of September 17, 2022

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Martin Mendoza, National Institutes of Health, Bethesda, Maryland
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Katherine Y. Tossas, Virginia Commonwealth University, Richmond, Virginia
Clayton C. Yates, Tuskegee University, Tuskegee, Alabama

[R] = Remote presentation
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Friday, September 16

Welcome and Opening Session [CME]
4:00-6:00 p.m. | Salons CDE

Keynote Address
Ending cancer as we know it – For all
Douglas R. Lowy, National Cancer Institute, Bethesda, Maryland

Advocate Keynote
How patient advocates can make a difference in their research advocacy efforts and contributions and why it's important
Wenora Y. Johnson, FORCE & Fight CRC, Joliet, Illinois

AACR Distinguished Lectureship on the Science of Cancer Health Disparities
Translating multiethnic epidemiological research into innovative interventions
Loic Le Marchand, University of Hawai‘i Cancer Center, Honolulu, Hawaii

Minorities in Cancer Research (MICR) Meet and Greet
6:00-7:00 p.m. | Salon A

Poster Session A and Opening Reception
7:00-8:30 p.m. | Franklin Hall

Saturday, September 17

Breakfast and Professional Networking Roundtables
7:30-8:30 a.m. | Franklin Hall

Plenary Session 1: Diversity, Equity, and Inclusion: Putting Equity First [CME]
8:30-10:00 a.m. | Salons CDE
Session Chairs:
Nadine J. Barrett, Duke Cancer Institute and Duke CTSI Center for Equity in Research, Durham, North Carolina
Laura Fejerman, UC Davis Comprehensive Cancer Center, Sacramento, California

DEIA: The need for bold application in cancer disparities research
Nadine J. Barrett
The significance of social capital investments and networking for developing community and building equity among African Americans in the life sciences
Chad Womack, United Negro College Fund, Elkins Park, Pennsylvania

Diversity-Equity-Inclusion-Belonging: Reflections from the trenches
Ana Maria Lopez, Jefferson Health Sidney Kimmel Cancer Center, Philadelphia, Pennsylvania

Break
10:00-10:30 a.m. | Grand Ballroom Foyer

NCI Listening Session: Embracing Complexity: Understanding Context to Eliminate Cancer Disparities and Achieve Equity
10:30 a.m.-12:30 p.m. | Salons CDE
Session Chairs:
John D. Carpten, Keck School of Medicine of USC, Los Angeles, California
Chyke A. Doubeni, The Ohio State University Wexner Medical Center, Columbus, Ohio
*Not designated for CME

Social determinants of cancer risk and outcomes
Chanita Hughes-Halbert, University of Southern California, Los Angeles, California [R]

The intersection of social determinants, biology, ancestry, and environment
Timothy R. Rebbeck, Harvard T. H. Chan School of Public Health and Dana-Farber Cancer Institute, Boston, Massachusetts [R]

Intersection of social and other environmental factors, biology, and ancestry
Scarlett L. Gomez, University of California, San Francisco, San Francisco, California [R]

TBD
Douglas R. Lowy, National Cancer Institute, Bethesda, Maryland

Professional Advancement Session Presented by Minorities in Cancer Research (MICR)
**Lunch on own for those not attending
12:30-2:00 p.m. | Salon F

Concurrent Sessions 1 and 2
2:00-3:00 p.m.

Concurrent Session 1: NIH Initiatives: Bridging the Equity Gap [CME]
2:00-3:00 p.m. | Salons CDE
Session Chairs:
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Martin Mendoza, National Institutes of Health, Bethesda, Maryland
Tiffany A. Wallace, NCI-CRCHD, Rockville, Maryland

White House Cancer Moonshot
Catharine G. Young, Cancer Moonshot, White House Office of Science and Technology Policy, Washington DC [R]

TBD
Douglas R. Lowy, National Cancer Institute, Bethesda, Maryland

Community Engagement Alliance
Nathan Stinson, Jr., National Institute of Minority Health and Health Disparities, Bethesda, Maryland

Achieving Health Equity through the All of Us Research Program
Karriem S. Watson, National Institutes of Health, Bethesda, Maryland

UNITE
Leia Butler, National Institutes of Health, Bethesda, Maryland [R]

Concurrent Session 2: Organ-Based Session: Breast and Endometrial Cancers [CME]
2:00-3:00 p.m. | Salon F
Session Chairs:
Adetunji T. Toriola, Washington University School of Medicine in St. Louis, St. Louis, Missouri
Onyinye D. Balogun, Weill Cornell Medicine, New York, New York

mTOR pathway gene expression in association with race and clinicopathological characteristics in Black and White breast cancer patients
Mmadili N. Ilozumba, University of Florida, Gainesville, Florida

Reducing disparities in breast cancer mortality through the identification of novel targets in triple-negative breast cancer
Jason D. Weber, Washington University in Saint Louis, St. Louis, Missouri

Disparities in uterine cancer incidence and mortality
Megan A. Clarke, NCI Division of Cancer Epidemiology & Genetics, Rockville, Maryland

Microbial profiles of early stage endometrial cancers between Black and White women and impact of disparities
Victoria L. Bae-Jump, University of North Carolina at Chapel Hill, Chapel Hill, North Carolina

Plenary Session 2: American Indian/Alaska Native Populations and Cancer Health Disparities [CME]
3:00-4:30 p.m. | Salons CDE
Session Chairs:
Claradina Soto, Keck School of Medicine of USC, Los Angeles, California
Francine C. Gachupin, University of Arizona, Tucson, Arizona

The Alaska Native Tumor Registry: Fifty years of cancer surveillance data for Alaska Native people
Elena Roik, ANTHC, Alaska Native Epidemiology Center, Anchorage, Alaska

The more you know... about HPV and cervical cancer in Native American communities
Naomi Lee, Northern Arizona University, Flagstaff, Arizona

Two-Row Wampum and Indigenous Cancer Services: Building respectful parallels of sovereignty along the cancer care continuum
Rodney C. Haring, Roswell Park Comprehensive Cancer Center, Buffalo, New York

“Pursuing Wicozani for the Oceti Sakowin”: Reducing cancer disparities among AI/AN in the Great Plains
Richard Mousseau, Great Plains Tribal Chairmen’s Health Board, Rapid City, South Dakota

Break
4:30-5:00 p.m. | Grand Ballroom Foyer

Educational Sessions 1 & 2
5:00-6:00 p.m.

Educational Session 1: Publicly Available Databases and Resources for Cancer Health Disparities Research: Database Access for Beginners [CME]
5:00-6:00 p.m. | Salons CDE
Session Chair: Katherine Y. Tossas, Virginia Commonwealth University, Richmond, Virginia

Publicly available genomics resources for health disparities research
Paul L. Auer, Medical College of Wisconsin, Milwaukee, Wisconsin

The National Cancer Database (NCDB) and Cancer Health Disparity Research: What is in this clinical data set and how do I get a copy?
Ryan McCabe, The American College of Surgeons, Chicago, Illinois

The All of Us Research Hub: A dataset for all of us
Karriem S. Watson, National Institutes of Health, Bethesda, Maryland

AACR Project GENIE: An International pan-cancer registry of Real-world data
Jocelyn Lee, AACR Project GENIE, Philadelphia, Pennsylvania [R]
Educational Session 2: Integration of Single Cell/Spatial Genomic Tools to Study Cancer Health Disparities [CME]
5:00-6:00 p.m. | Salon F
Session Chairs:
Sophia H. L. George, University of Miami Sylvester Comprehensive Cancer Center, Miami, Florida
Jasmine Plummer, Cedars-Sinai Medical Center, Los Angeles, California

Creating a single cell and spatial atlas of breast, ovarian and prostate cancer for African ancestry
Jasmine Plummer, Cedars-Sinai Medical Center, Los Angeles, California

Single nuclei chromatin accessibility and transcriptomic map of breast tissues of women of diverse genetic ancestry
Harikrishna Nakshatri, Indiana University School of Medicine, Indianapolis, Indiana

Utilizing Visium spatial transcriptomics to investigate prostate cancer disparity in men of African descent
Maxine Harlemon, Clark Atlanta University, Atlanta, Georgia

Poster Session B and Reception
6:00-7:30 p.m. | Franklin Hall

Sunday, September 18

Breakfast and Professional Networking Roundtables
8:00-9:00 a.m. | Franklin Hall

Addressing Advocacy at the Bench - A Discussion about Cultural Literacy: Addressing Cultural Competence
8:00-9:00 a.m. | Salons CDE
*Not designated for CME

Patients’ cultural health beliefs are integral to their quality of care. It affects how they think and feel about clinical research, their health and health problems, when and from whom they seek health care, and how they respond to recommendations for lifestyle change, health-care interventions, and treatment plans. The interface between cultural processes, healthcare, and science is complex. Fortunately, there is emerging literature on the effectiveness of community-based interventions to increase the cultural competence of health providers and scientists. This session will highlight case studies of community-based initiatives, developed and implemented by teams of advocates and researchers, that focus on shaping programs, policies, and interventions that promote cultural competence.
Plenary Session 3: The Basic Science of Stress and Cancer Health Disparities: From Environment to Cancer Biology [CME]
9:00-10:30 a.m. | Salons CDE
Session Chairs:
Cathrine Hoyo, North Carolina State University, Raleigh, North Carolina
Leanne Woods-Burnham, Morehouse School of Medicine, Atlanta, Georgia [R]

Neighborhood disadvantage and individual-level life stressors in relation to breast cancer incidence in US Black women
Julie R. Palmer, Boston University, Boston, Massachusetts

Role of stress-survival pathways and transcriptomic alterations in progression of colorectal cancer: A Hispanic health disparities perspective
Sourav Roy, University of Texas at El Paso, El Paso, Texas

Impact of multilevel social, geospatial, and individual level determinants of cancer biomarkers
Timothy R. Rebbeck, Harvard T. H. Chan School of Public Health and Dana-Farber Cancer Institute, Boston, Massachusetts [R]

Break
10:30-11:00 a.m. | Grand Ballroom Foyer

Hot Topics and Recent Discoveries 1 and 2: Presentations from the Top-Rated Abstracts
11:00 a.m.-12:30 p.m.

Hot Topics and Recent Discoveries 1: Presentations from the Top-Rated Abstracts [CME]
11:00 a.m.-12:30 p.m. | Salons CDE
Session Chair: Janielle P. Maynard, Johns Hopkins School of Medicine, Baltimore, Maryland

Assessing differences in miRNA profiles by race and ethnicity: Implications for creating an equitable ovarian cancer early detection test
Stephanie Alimena, Brigham and Women’s Hospital, Boston, Massachusetts

SPOP mutation is associated with higher immunogenicity in African American men compared to European American men with prostate cancer
Isra A. Elhussin, Tuskegee University, Tuskegee, Alabama

Colorectal cancer screening among Native Americans of Nebraska: A qualitative analysis of the barriers and facilitators
Krishtee Napit, University of Nebraska Medical Center, Omaha, Nebraska

Urban/rural differences in receiving cancer surgery at high-volume hospitals and sensitivity to hospital volume thresholds
Haleh Ramian, University of Pittsburgh, Pittsburgh, Pennsylvania

How racial segregation impacts late stage at cancer diagnosis in Virginia
Savannah Reitzel, Virginia Commonwealth University, Department of Health Behavior and Policy, Richmond, Virginia

The racial disparity-linked gene CRYβB2 alters cell adhesion and tumor microenvironment to promote proliferation and invasion in triple-negative breast cancer
Amr A. Waly, North Carolina Central University, Durham, North Carolina

Hot Topics and Recent Discoveries 2: Presentations from the Top-Rated Abstracts [CME]
11:00 a.m.-12:30 p.m. | Salon F
Session Chair: Justin X. Moore, Augusta University, Augusta, Georgia

Tumoral infiltrating lymphocytes as a prognostic factor in triple negative breast cancer patients from Colombia
Carlos A. Huertas-Caro, Instituto Nacional de Cancerología, Bórgota D.C., Columbia [R]

Landscape of actionable mutations and outcomes in metastatic non-small cell lung cancer across age, sex, and race
David C. Qian, Winship Cancer Institute of Emory University, Atlanta, Georgia [R]

Role of treatment on racial and ethnic disparities in heart disease mortality among U.S. breast cancer survivors, 2000-2018
Jacqueline B. Vo, National Cancer Institute Division of Cancer Epidemiology & Genetics, Rockville, Maryland

Evaluating a bidirectional academic–community partnership with multiple racial/ethnic communities for cancer prevention initiatives and cancer health disparities research
Lin Zhu, Center for Asian Health, Lewis Katz School of Medicine, Temple University, Philadelphia, Pennsylvania

Association of genetic ancestry with lung-cancer risk in White and Black ever-smokers
Courtney D. Dill, National Cancer Institute, Rockville, Maryland
Spatial transcriptomics reveals racial disparities in the transcriptional substructure of triple negative breast cancer
Rania Bassiouni, University of Southern California, Los Angeles, California

Poster Session C with Lunch
12:30-2:00 p.m. | Franklin Hall

Concurrent Sessions 3 and 4
2:00-3:00 p.m.

Concurrent Session 3: Clinical Cancer Research and Diversity [CME]
2:00-3:00 p.m. | Salons CDE
Session Chairs:
Marvella E. Ford, MUSC Hollings Cancer Center, Charleston, South Carolina [R]
David P. Turner, Virginia Commonwealth University, Richmond, Virginia

Increasing racial and ethnic diversity in clinical cancer research
Jane Figueiredo, Samuel Oschin Comprehensive Cancer Institute, Los Angeles, California

The effects of the COVID-19 pandemic in heightening existing disparities in cancer clinical trials, an NCI experience
Fatima Karzai, National Cancer Institute, Bethesda, Maryland

AGEing and RAGEing in prostate cancer: Integrating ancestral tumor biology into the multilevel framework of health inequity constructs to inform on cancer disparity outcomes
David P. Turner

Concurrent Session 4: Survivorship Disparities [CME]
2:00-3:00 p.m. | Salon F
Session Chairs:
Susan Hong, Virginia Commonwealth University, Richmond, Virginia
Yamile Molina, University of Illinois at Chicago, Chicago, Illinois

Examining racial disparities in treatment-related cardiovascular dysfunction in breast cancer survivors
Arnethea L. Sutton, Virginia Commonwealth University, Richmond, Virginia

The impact of race, ethnicity, culture, and well-being among childhood cancer survivors and their parent caregivers
Carol Y. Ochoa, University of California San Diego, La Jolla, California
Opportunities for engagement: A clinic to community view of the breast cancer continuum
Timiya S. Nolan, The Ohio State University Wexner Medical Center, Columbus, Ohio

Plenary Session 4: The Role of COVID in Worsening Existing Cancer Health Disparities in the US and Globally [CME]
3:00-4:30 p.m. | Salons CDE
Session Chair: Amelie G. Ramirez, UT Health Science Center at San Antonio, San Antonio, Texas

Latinx communities, cancer disparities, and COVID-19
Amelie G. Ramirez

Social determinants of health and COVID-19 exacerbating cancer health disparities in Asian Americans
Grace X. Ma, Temple University, Philadelphia, Pennsylvania

Impact of the COVID pandemic on cancer health disparities in the African American population
Clara Hwang, Henry Ford Health System, Detroit, Michigan

COVID-19 and cancer health disparities in low- and middle-income countries
Laura Fejerman, UC Davis Comprehensive Cancer Center, Sacramento, California
Valentina Zavala, UC Davis Comprehensive Cancer Center, Sacramento, California

Break
4:30-5:00 p.m. | Grand Ballroom Foyer

Closing Persistent Gaps in Cancer Care: Reducing Disparities and Democratizing Cancer Care – A Call to Action
5:00-6:00 p.m. | Salons CDE
Organized by the AACR Government Affairs Department
Session Chair: John D. Carpten, Keck School of Medicine of USC, Los Angeles, California
*Not designated for CME

Closing gaps in cancer screening: Connecting people, communities, and systems to improve equity and access
Edith P. Mitchell, Jefferson Health Sidney Kimmel Cancer Center, Philadelphia, Pennsylvania

The importance of patient advocacy in closing racial gaps in cancer care
Bianca Islam, University Hospitals Cleveland Medical Center, Cleveland, Ohio

Strengthening community engagement to increase participation in clinical trials
Wenora Y. Johnson, FORCE & Fight CRC, Joliet, Illinois
Community engagement in clinical trials
Ivis C. Febus-Sampayo, Disrupt Committee: The Light Collective, Winter Garden, Florida

Evening Off / Dinner on Own
6:00 p.m.

Monday, September 19

Breakfast and Professional Networking Roundtables
8:00-9:00 a.m. | Franklin Hall

Plenary Session 5: Tumor Microenvironment, Tumor Immunology, and Cancer Health Disparities
[CME]
9:00-10:30 a.m. | Salons CDE

Session Chairs:
Santiago Lima, Virginia Commonwealth University, Richmond, Virginia
Jasmine A. McDonald, Columbia University Irving Medical Center, New York, New York
Valerie Odero-Marah, Morgan State University, Baltimore, Maryland

Race and immune microenvironments in context of individual- and community-level covariates
Melissa A. Troester, UNC School of Medicine, Chapel Hill, North Carolina

The breast cancer biomarkers as predictors of survival: Do they vary by race and ethnicity?
Sandeep Singhal, University of North Dakota, Grand Forks, North Dakota

Distinct Immune-oncologic pathways in African American men with prostate cancer: Opportunities for immune-related therapies
Kosj Yamoah, Moffitt Cancer Center, Tampa, Florida

Basic science mechanisms associated with bone tumor microenvironment and health disparities in breast and prostate cancer
Valerie Odero-Marah

Break
10:30-11:00 a.m. | Grand Ballroom Foyer
Concurrent Sessions 5 and 6
11:00 a.m.-12:00 p.m.

Concurrent Session 5: Global Disparities: A Global Approach to Understanding the Generative Mechanisms Underpinning Cancer Health Disparities [CME]
11:00 a.m.-12:00 p.m. | Salons CDE
Session Chairs:
James R. Alaro, National Cancer Institute, Rockville, Maryland
Neal A. Palafox, John A. Burns School of Medicine, University of Hawai‘i at Mānoa, Honolulu, Hawai‘i

Unraveling the generative mechanisms that underpin cancer health disparities: A global approach
James R. Alaro

Embracing a multi-disciplinary approach to understanding and addressing the generative mechanisms that underpin disparities: An example of understanding complex interactions between multiple causes
Neal A. Palafox

Accounting for context: An example of a multidisciplinary research collaboration with the research set and conducted within the communities where disparities occur - community living labs in South Africa
Lynnette A. Denny, University of Cape Town, Cape Town, South Africa [R]

Concurrent Session 6: Obesity and Cancer [CME]
11:00 a.m.-12:00 p.m. | Salon F
Session Chairs:
Tyvette Hilliard, Harper Cancer Research Institute, Notre Dame, Indiana
Elizabeth M. Cespedes Feliciano, Kaiser Permanente - Northern California, Oakland, California

Bio-behavioral approaches to reducing racial disparities in obesity and GI cancers
Tiffany Carson, H. Lee Moffitt Cancer Center and Research Institute, Tampa, Florida

Mechanistic strategies for breaking the obesity-cancer link
Michael Coleman, University of North Carolina, Chapel Hill, North Carolina

Adipokine and adipokine receptor expression in breast tumors: Associations with greater body fatness and more aggressive clinicopathologic features
Adana A.M. Llanos, Columbia University Mailman School of Public Health, New York, New York

Break
12:00-12:30 p.m. | Grand Ballroom Foyer
Plenary Session 6: Incorporating Genetic Ancestry into Cancer Research [CME]
12:30-2:00 p.m. | Salons CDE

Session Chairs:
K. Sean Kimbro, North Carolina Central University, Durham, North Carolina
Rick A. Kittles, Morehouse School of Medicine, Atlanta, Georgia

- Leveraging genetic ancestry in cancer disparities research
  Rick A. Kittles

- Ancestry-driven drug discovery
  K. Sean Kimbro

- Leveraging genomic ancestry to understand outcomes in cancer care
  Altovise T. Ewing, Genentech Roche, South San Francisco, California

- Resolving race versus ancestry in tumor immunological responses
  Melissa B. Davis, Weill Cornell Medicine, New York, New York

Closing Remarks
2:00-2:15 p.m. | Salons CDE

Kevin L. Gardner, Vagelos College of Physicians & Surgeons, New York, New York
Kevin Sean Kimbro, North Carolina Central University, Durham, North Carolina
Martin Mendoza, National Institutes of Health, Bethesda, Maryland
Camille C. R. Ragin, Fox Chase Cancer Center, Philadelphia, Pennsylvania
Claradina Soto, Keck School of Medicine of USC, Los Angeles, California