



Seventh AACR Conference on
**THE SCIENCE OF CANCER
HEALTH DISPARITIES**
November 9-12, 2014 • San Antonio, TX

AACR
American Association
for Cancer Research

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**2014-2015 AACR Distinguished Lectureship on
The Science of Cancer Health Disparities Award
Committee, Funded by Susan G. Komen®
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Lisa A. Newman, *Chairperson*, University of
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Deborah O. Erwin, Roswell Park Cancer Institute,
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Richard M. Goldberg, Ohio State University
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Christopher S. Lathan, Dana-Farber Cancer
Institute, Boston, MA

Jeffrey N. Weitzel, City of Hope, Duarte, CA

Jun J. Yang, St. Jude Children's Research Hospital,
Memphis, TN

About the Conference

The AACR Cancer Health Disparities conferences
advance the understanding and, ultimately, help to
eliminate the disparities in cancer that represent
a major public health problem in our country.

By promoting the exchange of novel ideas and
information between a wide range of professionals
from academia, industry, government, and the
community, these conferences harness the
potential and maximize the many opportunities
for bringing research on health disparities from
bench to bedside or community, and back again.

The goals of these conferences have been to
bring together scientists and other professionals
working in a variety of disciplines to discuss the
latest findings in the field and to stimulate the
development of new research in cancer health
disparities.

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Conference Program

Sunday, November 9

11:30 a.m.-1:00 p.m. Professional Advancement Session in Honor of Eddie Reed, MD: Making an Impact on Cancer Disparities: A Multidisciplinary Approach

Texas Ballroom F

Session Chairpersons: William Blackstock, Wake Forest University School of Medicine, Winston Salem, NC, and Christopher I. Li, Fred Hutchinson Cancer Research Center, Seattle, WA

Remembering Dr. Eddie Reed

Ricardo J. Parker, National University, Costa Mesa, Costa Mesa, CA

Translational Research

John D. Carpten, The Translational Genomics Research Institute, Phoenix, AZ

Population Sciences

Electra D. Paskett, Ohio State University Comprehensive Cancer Center, Columbus, OH

Community Outreach

Amelie G. Ramirez, UT Health Science Center at San Antonio, San Antonio, TX

1:00 p.m.-2:30 p.m. Educational Sessions 1 and 2

Educational Session 1: HPV-associated Cancers and Cancer Health Disparities

Texas Ballroom DE

Session Chairperson: Kevin J. Cullen, University of Maryland Greenebaum Cancer Center, Baltimore, MD

Disparities in HPV infection

Gypsyamber D'Souza, Johns Hopkins Bloomberg School of Public Health, Baltimore, MD

Racial- and gender-based survival disparities in head and neck cancer

Kevin J. Cullen

Disparities in HPV-associated cancers

Anil K. Chaturvedi, National Cancer Institute, Rockville, MD

Educational Session 2: Using Communication and Technology to Improve Cancer Control Intervention in Underserved Populations

Texas Ballroom F

Session Chairperson: Wen-Ying Sylvia Chou, National Cancer Institute, Bethesda, MD

Telling stories, saving lives: Creating narrative health messages to reduce cancer health disparities

Sheila Murphy, University of Southern California, Venice, CA

Enhancing HIT Platform design and employing novel analytic perspectives to reduce cancer disparities

Michael Christopher Gibbons, Johns Hopkins University, Baltimore, MD

Social media and cancer control: Addressing health disparities through innovative communication science

Wen-Ying Sylvia Chou

2:45 p.m.-4:15 p.m. Educational Sessions 3 and 4

Educational Session 3: Vaccine Uptake in Underserved Populations

Texas Ballroom DE

Session Chairperson: Erin N. Kobetz-Kerman, University of Miami Miller School of Medicine, Miami, FL

In search of racial disparities in HPV vaccination

Noel Brewer, University of North Carolina, Chapel Hill, NC

Provider recommendation of HPV vaccination for adolescent males: A widening health disparity

Susan T. Vadaparampil, Moffitt Cancer Center, Tampa, FL

IL-17 and GMCSF may be novel markers for detection of ICC

Cathrine Hoyo, North Carolina State University, Raleigh, NC

Educational Session 4: Understanding the Complex Factors that Contribute to the Persistence of Disparities Among American Indian/Alaska Native Populations

Texas Ballroom F

Session Chairperson: Linda Burhansstipanov, Native American Cancer Research Corporation, Pine, CO

Challenges in addressing cancer health disparities in Native American communities

Linda Burhansstipanov, Native American Cancer Research Corporation, Pine, CO

Understanding the complex factors that contribute to the persistence of disparities among American Indian/Alaska Native populations: The Walking Forward Experience

Daniel G. Petereit, Rapid City Regional Hospital, Rapid City, SD

Collaborators to the Sovereigns: Learning from history to make new chapters in research with American Indians and Alaska Natives

Rodney C. Haring, Roswell Park Cancer Institute, Buffalo, NY

4:30 p.m.-5:45 p.m. Policy Forum: What Researchers Can Do to Collaborate Effectively with Policy Makers to Implement Policy that Improves Public Health and Decreases Cancer Health Disparities
Texas Ballroom DE
Session Chairperson: Ernest T. Hawk, The University of Texas MD Anderson Cancer Center, Houston, TX

Connecting science to law: Understanding the policymaking process
Micah Berman, Ohio State University, Columbus, OH

Translating science into policy for public benefit
Ernest T. Hawk

FDA Center for Tobacco Products: Overview and research relevant to tobacco-related cancer and health disparities
Allison C. Hoffman, Food and Drug Administration, Rockville, MD

5:45 p.m.-6:30 p.m. Break
Texas Ballroom Foyer

6:30 p.m.-8:15 p.m. Opening Plenary Session (Keynote/Distinguished Lecturer)
Texas Ballroom DE

Keynote Speaker:
Understanding and addressing social inequalities in cancer: Challenges and opportunities
David R. Williams, Harvard University, Boston, MA

5th Annual Distinguished Lectureship on Cancer Health Disparities, funded by Susan G. Komen®:
Genetics and Genome Sciences in Cancer Health Disparities
John D. Carpten, The Translational Genomics Research Institute, Phoenix, AZ

8:15 p.m.-10:15 p.m. Opening Reception
Texas Ballroom ABC

Monday, November 10

7:00 a.m.-8:00 a.m. Breakfast
Texas Ballroom ABC and Texas Ballroom Foyer

8:00 a.m.-9:00 a.m. Special Session 1: Genomic Instability and Cancer in Underserved Populations
Texas Ballroom DE
Session Chairperson: Victoria L. Seewaldt, Duke University, Durham, NC

The Cdk4/E2F pathway drives centrosome amplification and chromosome instability in breast cancer cells

Harold I. Saavedra, Emory University School of Medicine, Atlanta, GA

Tumor suppressor gene silencing by somatic mutations and promoter methylation leads to genomic instability in head and neck squamous cell carcinoma

Rafael E. Guerrero-Preston, Johns Hopkins University School of Medicine, Baltimore, MD

Regulation of 53BP1 in BRCA-1 deficient cells: Why vitamin D matters and how disparities in vitamin D levels could promote aggressive TNBC in women of color

Susana Gonzalo, St. Louis University School of Medicine, St. Louis, MO

9:00 a.m.-9:30 a.m. Break
Texas Ballroom Foyer

9:30 a.m.-11:30 a.m. Plenary Session 1: Predicting Risk in Underserved Populations
Texas Ballroom DE
Session Chairpersons: Victoria L. Seewaldt, Duke University, Durham, NC, and Jeffrey Weitzel, City of Hope, Duarte, CA

Overview of session and review of the performance of BRCA mutation probability models among underrepresented minority populations

Jeffrey N. Weitzel

The risk of underestimation, Breast Density Notification Laws, politics, biology, and potential harm to women of color

Victoria L. Seewaldt

Adapting genetic counseling to diverse populations and need for genetic cancer risk assessment training in a global community of practice

Kathleen R. Blazer, City of Hope, Duarte, CA

Steps to address the profound disparity in access to genetic cancer risk assessment in Mexico: Documenting hereditary breast and ovarian cancer and the beginning of a prevention program

Cynthia Villarreal-Garza, Instituto Nacional de Cancerologia, Mexico City, D.F. Mexico

11:30 a.m.-1:00 p.m. Lunch Break (on own)

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

Concurrent Session 1: Biospecimen Donation and Utilization in Cancer Health Disparities Research

Texas Ballroom DE

Session Chairperson: Deborah O. Erwin, Roswell Park Cancer Institute, Buffalo, NY

Building capacity and testing multiple methods for enhancing biospecimen donations with diverse communities

Deborah O. Erwin

Impact of a biospecimen collection seminar on willingness to donate biospecimens among Chinese Americans: Results from a randomized, controlled community-based trial

Elisa K. Tong, University of California, Davis, Sacramento, CA

A community-based participatory research approach to diverse biospecimen collection

Sora Park Tanjasiri, California State University, Fullerton, CA

Concurrent Session 2: Not just Surviving, Thriving: Current Efforts to Improve Disparities in Cancer Survivorship and Quality of Life

Texas Ballroom F

Session Chairperson: Amelie G. Ramirez, University of Texas Health Science Center, San Antonio, TX

The changing landscape of U.S. cancer survivorship

Amelie G. Ramirez

Community-based stress management intervention for black breast cancer survivors: A follow-up

Suzanne C. Lechner, University of Miami Miller School of Medicine, Miami, FL

Sociocultural processes in prostate cancer survivorship

Frank Penedo, Northwestern University, Chicago, IL

Modeling of socioeconomic well-being, follow-up care communication, stress appraisal, coping, and physical functioning among Chinese and Non-Hispanic White breast cancer survivors

Judy Huei-yu Wang, Georgetown University, Washington, DC

3:00 p.m.-3:30 p.m.

Break

3:30 p.m.-5:00 p.m. Hot Topics in Cancer Health Disparities 1
Texas Ballroom DE
Session Chairperson: Karen E. Kim, University of Chicago, Chicago, IL

Development and implementation of a church-based eHealth program to reduce obesity in Appalachian adults

Ryan Baltic, The Ohio State University Comprehensive Cancer Center, Columbus, OH

Baseline characteristics in a practical clinical trial on colorectal cancer screening

Meera Muthukrishnan, Washington University School of Medicine, St. Louis, MO

Clinic-based Pap test versus HPV home test among Somali immigrant women in Minnesota: A randomized controlled trial

Kolawole S. Okuyemi, University of Minnesota, Minneapolis, MN

Functional mobility disparities in older African American women with cancer in a multisite lay navigation program in the Deep South

Richard Taylor, University of Alabama at Birmingham, Birmingham, AL

Cancer screening uptake among women in substance abuse treatment

Martha J. Felini, University of North Texas Health Science Center, Fort Worth, TX

Empowering Latina breast cancer patients to make informed decisions about clinical trials: A multi-communication approach

Patricia Chalela, UT Health Science Center at San Antonio, San Antonio, TX

5:00 p.m.-7:00 p.m. Poster Session A and Reception

Texas Ballroom ABC

Tuesday, November 11

7:00 a.m.-8:00 a.m. Breakfast
Texas Ballroom ABC and Texas Ballroom Foyer

8:00 a.m.-9:00 a.m. Special Session 2: Point/Counterpoint: Screening and the Affordable Care Act-How and When to Screen

Texas Ballroom DE

Session Chairperson: Electra D. Paskett, Ohio State University Comprehensive Cancer Center, Columbus, OH

Pro

Ekland Abdiwahab, National Cancer Institute, Rockville, MD

Con

Stephen H. Taplin, National Cancer Institute, Rockville, MD

9:00 a.m.-9:30 a.m. Break
Texas Ballroom Foyer

9:30 a.m.-11:30 a.m. Plenary Session 2: Patient Navigation and Where Do We Go from Here?
Texas Ballroom DE
Session Chairperson: Karen M. Freund, Tufts University School of Medicine, Boston, MA

Updates from the Patient Navigation Research Program: Evidence of the effectiveness
Electra D. Paskett, Ohio State University Comprehensive Cancer Center, Columbus, OH

Who benefits from patient navigation: Updates from the National Patient Navigation Research Program
Karen M. Freund

Sustainability of patient navigation programs: Lessons learned from a Medicare Innovation Project
Gabrielle B. Rocque, University of Alabama Comprehensive Cancer Center, Birmingham, AL

11:30 a.m.-1:30 p.m. Poster Session B with Lunch
Texas Ballroom ABC and Texas Ballroom

1:30 p.m.-3:30 p.m. Concurrent Sessions 3 and 4

Concurrent Session 3: Multilevel Interventions that Work

Texas Ballroom DE

Session Chairperson: Beti Thompson, Fred Hutchinson Cancer Research Center, Seattle, WA

Introduction and overview

Beti Thompson

Integrated multilevel interventions to address the African American and white disparity in breast cancer mortality

Sarah Gehlert, Washington University, St. Louis, MO

Patient navigation in medically underserved areas

Elizabeth A. Calhoun, University of Illinois at Chicago, Chicago, IL

Using an innovative ecological level approach to change public agenda about health disparities

K. Vish Viswanath, Harvard University, Boston, MA

Concurrent Session 4: Ovarian Cancer: A Health Disparities Perspective

Texas Ballroom F

Session Chairperson: Joellen M. Schildkraut, Duke University, Durham, NC

Introduction and overview

Joellen M. Schildkraut

Comparing the genomic landscapes of poor responders and long-term survivors of high-grade serous ovarian cancer

Sohrab Shah, BC Cancer Research Center, Vancouver, BC, Canada

Standard of care and clinical disparities in epithelial ovarian cancer

Angeles Alvarez Secord, Duke University, Durham, NC

Risk factors and ovarian cancer in African American women: Contributors to disparities

Joellen M. Schildkraut

3:30 p.m.-4:00 p.m. Break
Texas Ballroom Foyer

4:00 p.m.-5:45 p.m. Hot Topics in Cancer Health Disparities 2
Texas Ballroom DE
Session Chairperson: Christopher Sistrunk, Duke University, Durham, NC

Disparities in time to diagnostic follow-up after screening mammography
Danielle Durham, The University of North Carolina at Chapel Hill, NC

Chemotherapy modification by race in early breast cancer treatment
Sheenu A. Chandwani, Rutgers School of Public Health, Piscataway, NJ

Creating a comprehensive patient-derived xenograft (PDX) bank to represent racial disparities in triple-negative breast cancer (TNBC)
Tahra Kaur Luther, University of Michigan, Ann Arbor, MI

Menopausal female hormone use in relation to risk of estrogen receptor positive and estrogen receptor negative breast cancer in African American women: Findings from the AMBER consortium
Emma Viscidi, Slone Epidemiology Center at Boston University, Boston, MA

Loss of imprinting: Tying prenatal diet to the aggressive biology of triple-negative breast cancer
Shraddha R. Desai, Duke University Medical Center, Durham, NC

Examining the Latina paradox: Impact of neighborhood Latina density on breast cancer survival in Texas
Sandi L. Pruitt, University of Texas Southwestern Medical Center, Dallas, TX

Disparities in centrosomal profiles: Prediction of metastatic risk in African American and European American breast cancer patients
Nikita Wright, Georgia State University, Atlanta, GA

Wednesday, November 12

7:00 a.m.-8:00 a.m. Breakfast
Texas Ballroom ABC and Texas Ballroom Foyer

8:00 a.m.-9:00 a.m. Special Session 3: Obesity and Cancer Health Disparities
Texas Ballroom DE
Session Chairperson: Rina Das, National Institute of Minority Health and Health Disparities, Bethesda, MD

Overview on obesity and cancer in diverse populations
Rina Das

Obesity, body fat distribution, and cancer risk in the Multiethnic Cohort Study
Loïc Le Marchand, University of Hawaii, Honolulu, HI

Obesity and the microenvironment in basal-like breast cancer
Liza Makowski, UNC Lineberger Cancer Center, Chapel Hill, NC

Using CBPR to reduce obesity disparities for Hawaiians: Findings from an RCT
Kathryn L. Braun, University of Hawaii, Honolulu, HI

9:00 a.m.-9:30 a.m. Break
Texas Ballroom Foyer

9:30 a.m.-11:30 a.m. Plenary Session 3: Tobacco Control and Lung Cancer Disparities
Texas Ballroom DE
Session Chairperson: Jennifer Irvin Vidrine, The University of Texas MD Anderson Cancer Center, Houston, TX

Resolving the complex problem of tobacco-caused lung cancer disparities in the U.S.
Pebbles Fagan, University of Hawaii Cancer Center, Honolulu, HI

Cultural determinants of disparities in lung cancer care and outcomes
Juan Wisnivesky, Mount Sinai School of Medicine, New York, NY

Addressing lung cancer disparities through expanding the reach of tobacco treatment
Jennifer Irvin Vidrine

11:30 a.m.-12:30 p.m. Special Session 4: Hepatocellular Cancer
Texas Ballroom DE
Session Chairperson: Ian M. Thompson, Jr., UT Health Science Center at San Antonio, TX

The epidemic of hepatocellular cancer: A public health and South Texas viewpoint
Ian M. Thompson, Jr.

Ethnic disparities in chronic liver disease in the U.S.
Fred Poordad, The Texas Liver Institute, San Antonio, TX

Title to be announced
Laura Beretta, The University of Texas MD Anderson Cancer Center, Houston, TX

12:30 p.m. Closing Remarks
Texas Ballroom DE