Saturday, October 27

11:30 a.m.-1:00 p.m.  **Professional Advancement Session**

**Transdisciplinary Approaches for Addressing Cancer Health Disparities**
Chairperson: Chanita Hughes-Halbert, Douglas Pavilion A, p. 21

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

**Educational Session 1: Clinical Trials: Designing Clinical Trial Strategies**
Chairperson: Marvella E. Ford, Douglas Pavilion A, p. 22

**Educational Session 2: Use of Genetic Ancestry in Cancer Disparities Research**
Chairperson: Rick A. Kittles, Douglas Pavilion B, p. 22

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

**Educational Session 3: Biospecimen Collection and Biobanking: Implications in the Diagnosis and Therapy of Cancer for Underserved Patients**
Chairperson: Carolyn C. Compton, Douglas Pavilion A, p. 23

**Educational Session 4: Health Literacy in the Real World: Insights and Applications Relevant to Cancer Disparities**
Chairperson: Rena J. Pasick, Douglas Pavilion B, p. 23

6:30 p.m.-8:15 p.m.  **Opening Plenary Session**
Douglas Pavilion A, p. 24

Welcome and Opening Remarks

**Conference Co-Chairpersons: William G. Nelson, Sidney Kimmel Comprehensive Cancer Center at Johns Hopkins, Baltimore, MD, and Christopher I. Li, Fred Hutchinson Cancer Research Center, Seattle, WA**

Keynote Address

**Howard K. Koh**, Assistant Secretary for Health, U.S. Department of Health and Human Services, Washington, DC

2012 AACR Distinguished Lecture on the Science of Cancer Health Disparities
Supported by Susan G. Komen for the Cure®

8:15 p.m.-10:15 p.m.  **Opening Reception**
Douglas Pavilion C
Sunday, October 28

8:00 a.m.-9:45 a.m.  Plenary Session 1

Obesity and Cancer: Who We Are, How We Live, and What We Do
Chairperson: Christopher I. Li, Douglas Pavilion A, p. 25

9:45 a.m.-11:00 a.m.  Special Session 1

Multilevel Assessment and Perception of Risk of Cancer in Underserved Communities: The Center for Population Health and Health Disparities (CPHHD) Experience
Chairperson: Richard B. Warnecke, Douglas Pavilion A, p. 26

11:15 a.m.-1:00 p.m.  Plenary Session 2

Hot Topics in Cancer Health Disparities Research
Chairperson: Marcia R. Cruz-Correa, Douglas Pavilion A, p. 27

2:30 p.m.-4:15 p.m.  Plenary Session 3

Disparities in Cancer Pain Diagnosis and Provision of Palliative Care
Chairperson: Richard Payne, Douglas Pavilion A, p. 28

4:15 p.m.-6:45 p.m.  Poster Session A

Douglas Pavilion B, p. 29

Analytical Methods
Administrative and Large-Scale Database Methods
Neighborhood Analysis
Statistical and Epidemiological Models

Behavioral and Social Science
Cancer Communications
Community-Based Interventions
Diffusion and Dissemination Research
Genetic Testing and Counseling
Health Education
Recruitment/Retention/Adherence Research

Biomarkers
Biomarkers in Cancer Surveillance and Screening
Biomarkers of Risk and Surrogate Endpoints

Cancer Treatment and Outcomes
Drug Design, Discovery, and Delivery
Late Effects/Survivorship
Mechanisms of Drug Action
Palliative Care and Pain Management
Pharmacology, Pharmacogenetics, and Pharmacogenomics
Quality of Life
Other

Epidemiology, Lifestyle, and Genetics
Neighborhood Factors
Obesity, Metabolism, and Cancer
Race, Admixture, and Ethnicity
Stress
Tobacco and Cancer
Other Risk Factors

Prevention Research
Preclinical Prevention Studies
Prevention Behaviors
Screening and Early Detection

Monday, October 29

8:00 a.m.-9:45 a.m.  **Plenary Session 4**

**Tobacco and Global Health**
Chairperson: Jonathan M. Samet, Douglas Pavilion A, p. 36

9:45 a.m.-11:00 a.m.  **Forum 1**

**Policy Forum**
Chairperson: Jon Retzlaff, Douglas Pavilion A, p. 37

11:15 a.m.-1:00 p.m.  **Plenary Session 5**

**Global Health Disparities in Cancer**
Chairperson: Jorge Gomez, Douglas Pavilion A, p. 38

1:45 p.m.-3:00 p.m.  **Special Session 2**

**Training and Funding Opportunities in Cancer Health Disparity Research**
Chairperson: Michael M. Gottesman, Douglas Pavilion A, p. 39

3:00 p.m.-4:45 p.m.  **Plenary Session 6**

**Inflammation and Cancer**
Chairperson: Curtis C. Harris, Douglas Pavilion A, p. 40
4:45 p.m.-7:15 p.m.  **Poster Session B**
Douglas Pavilion B, p. 41

**Behavioral and Social Science**
Community-Based Participatory Research
Decision Making
Socioeconomic Influences
Other

**Carcinogenesis**
Animal Models of Carcinogenesis

**Cell, Molecular, and Tumor Biology**
Cell Growth Signaling Pathways
DNA Methylation/Epigenetics and Chromatin Regulation
Viral Oncogenesis and Mechanisms
Other

**Epidemiology, Lifestyle, and Genetics**
Behavioral Epidemiology
Diet and Nutrition
Exercise and Prevention
Familial and Genetic Epidemiology
General Epidemiology and Biostatistics
Molecular Epidemiology

**Health Economics, Outcomes, and Policy Research**
Healthcare Systems
Health Economics, Policy, and Outcomes
Treatment Factors and Outcomes

**Organ Site Research**
Breast Cancer
Colorectal Cancer
Genitourinary Cancers
Gynecological Cancers
Lung Cancer

**Prevention Research**
Screening and Early Detection
Vaccines and Immunoprevention

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**Tuesday, October 30**

8:00 a.m.-9:45 a.m.  **Plenary Session 7**
The Impact of Genomics in Understanding Cancer Biology Across Populations
Chairperson: John D. Carpten, Douglas Pavilion A, p. 48

10:00 a.m.-11:15 a.m.  **Forum 2**
Community-Based Participatory Research to Reduce Cancer Health Disparities: Current and Future Perspectives
Chairperson: Chanita Hughes-Halbert, Douglas Pavilion A, p. 49

11:15 a.m.-1:00 p.m.  **Plenary Session 8**
Eliminating Colorectal Cancer Health Disparities: Can It Be Done?
Chairperson: Electra D. Paskett, Douglas Pavilion A, p. 50

1:00 p.m.-1:15 p.m.  **Closing Remarks**
Douglas Pavilion A
2012-2013 UPCOMING CONFERENCES

AACR-NCI-EORTC International Conference on Molecular Targets and Cancer Therapeutics
Scientific Committee Co-Chairpersons: Stefan Sleijfer, James H. Doroshow, and Kenneth C. Anderson
November 6-9, 2012 • Dublin, Ireland

Post-GWAS Horizons in Molecular Epidemiology: Digging Deeper into the Environment
Co-Chairpersons: Shelley S. Tworoger and Cornelia M. Ulrich
November 11-14, 2012 • Hollywood, FL

Tumor Immunology: Multidisciplinary Science Driving Basic and Clinical Advances
Co-Chairpersons: Glenn Dranoff, Elizabeth M. Jaffee, and Stanley Riddell
December 2-5, 2012 • Miami, FL

Tumor Invasion and Metastasis
Co-Chairpersons: Bruce R. Zetter and Zena Werb
January 20-23, 2013 • San Diego, CA

Ninth AACR-JCA Joint Conference: Breakthroughs in Basic and Translational Cancer Research
Co-Chairpersons: Tyler Jacks and Kohei Miyazono
February 21-25, 2013 • Maui, HI

AACR-SNMMI Joint Conference on State-of-the-Art Molecular Imaging in Cancer Biology
Co-Chairpersons: David Piwncia-Worms and Carolyn Anderson
February 27-March 2, 2013 • San Diego, CA

AACR Annual Meeting 2013
Program Committee Chairperson: José Baselga
April 6-10, 2013 • Washington, DC

Synthetic Lethal Approaches to Cancer Vulnerabilities
Co-Chairpersons: William C. Hahn, Louis Staudt, and Sebastian Nijman
May 17-20, 2013 • Bellevue, WA

Chromatin and Epigenetics in Cancer
Co-Chairpersons: Suzanne J. Baker and Charles W. M. Roberts
June 19-22, 2013 • Atlanta, GA

Frontiers in Basic Cancer Research
Co-Chairpersons: Scott W. Lowe, Hans Clevers, Joan Brugge, and David Ruggiero
September 18-22, 2013 • National Harbor, MD

Advances in Ovarian Cancer Research: From Concept to Clinic
Co-Chairpersons: Douglas A. Levine, David G. Huntsman, and Sandra Orsulic
September 18-21, 2013 • Miami, FL

Advances in Breast Cancer Research
Co-Chairpersons: Carlos L. Arteaga, Jeffrey M. Rosen, Jane E. Visvader, and Douglas Yee
October 3-6, 2013 • San Diego, CA

AACR-NCI-EORTC International Conference on Molecular Targets and Cancer Therapeutics
Scientific Committee Co-Chairpersons: Jeffrey A. Engelman, James H. Doroshow, and Sabine Tejpar
October 19-23, 2013 • Boston, MA

Twelfth Annual International Conference on Frontiers in Cancer Prevention Research
Chairperson: Paul Limburg
October 27-30, 2013 • National Harbor, MD

Pediatric Cancer at the Crossroads: Translating Discovery into Improved Outcomes
Co-Chairpersons: John M. Maris, Lee J. Helman, Michael B. Kastan, James R. Downing, and Stella M. Davies
November 3-6, 2013 • San Diego, CA

The Translational Impact of Model Organisms in Cancer
Co-Chairpersons: A. Thomas Look, Cory Abate-Shen, and Terry A. van Dyke
November 5-8, 2013 • San Diego, CA

Please visit www.aacr.org/meetingcalendar for additional conferences and program updates.
Professional Advancement Session
Saturday, October 27 • 11:30 a.m.-1:00 p.m.

Transdisciplinary Approaches for Addressing Cancer Health Disparities
Organized by the Minorities in Cancer Research (MICR) Council

Douglas Pavilion A

Chairperson: Chanita Hughes-Halbert, Medical University of South Carolina Hollings Cancer Center, Charleston, SC

This informative Professional Advancement Session provides a forum in which students, postdoctoral candidates, and junior investigators can discuss important career development issues in cancer health disparities, including working effectively as part of a multidisciplinary research team, successful grantsmanship, and developing a research focus and program. Established senior scientists will address these topics through a facilitated panel discussion.

All conference registrants are invited to attend this session at no additional cost. A complimentary lunch will be served.

Panelists:
Rick A. Kittles, University of Illinois at Chicago, Chicago, IL
Electra D. Paskett, The Ohio State University Comprehensive Cancer Center, Columbus, OH
Lucile L. Adams-Campbell, Georgetown Lombardi Comprehensive Cancer Center, Washington, DC
Claudia R. Baquet, University of Maryland School of Medicine, Baltimore, MD
John D. Carpten, Translational Genomics Research Institute, Phoenix, AZ
Educational Sessions 1-2
Saturday, October 27 • 1:00 p.m.-2:30 p.m.

Educational Session 1
Clinical Trials: Designing Clinical Trial Strategies
Douglas Pavilion A

Chairperson: Marvella E. Ford, Medical University of South Carolina, Hollings Cancer Center, Charleston, SC

The purpose of this educational session is to provide an overview of a conceptual framework related to recruitment of diverse populations to cancer clinical trials. Examples of the application of the framework to trial recruitment and community-based trial education and awareness activities will be presented. The session will begin with an overview of the science of recruitment and an introduction of the conceptual framework. Next, an application of the framework to the design of recruitment strategies with African American men in the Selenium and Vitamin E Cancer Prevention Trial (SELECT) will be described. In the third presentation, the outcomes of the application of the framework to a community-based cancer clinical trial education program will be provided. The third presentation will provide the outcomes of an application of the framework to a community-based clinical trial education program focusing on African American adults. The fourth presentation will highlight critical challenges facing scientists who focus on the recruitment and retention of ethnically diverse populations and recommendations for making progress in this field.

Overview of science of recruitment
Marvella E. Ford

Employing a community partnership approach to recruit African American men to a cancer prevention trial* [ED01-02]
Elise D. Cook, The University of Texas MD Anderson Cancer Center, Houston, TX

Improving perceptions of clinical trials in predominantly African American communities in South Carolina
Marvella E. Ford

Advancing the science of recruitment and retention of ethnically diverse populations* [ED01-04]
Anna M. Nápoles, University of California, San Francisco, CA

*An extended abstract for this presentation is available in the Invited Abstracts section of this book.

Educational Session 2
Use of Genetic Ancestry in Cancer Disparities Research
Douglas Pavilion B

Chairperson: Rick A. Kittles, University of Illinois, Chicago, IL

The aim of this educational session is to familiarize participants with the concept of genetic ancestry and its application to cancer disparities studies. This session will provide a brief but useful introduction to methods used to infer population structure, individual genetic ancestry, and admixture mapping. Ancestry informative markers (AIMs) and the use of genetic ancestry have been instrumental in deconstructing race in order to understand disparate disease risk and poor health outcomes. Here we provide an overview on AIMs and genetic ancestry and their use in admixture mapping for prostate and lung cancer genes and understanding cancer risk factors.

Overview on genetic ancestry and its use in cancer disparities research* [ED02-01]
Rick A. Kittles

Admixture mapping in lung and prostate cancer
Cathryn H. Bock, Wayne State University School of Medicine, Detroit, MI

Gaining epidemiologic insights from ancestry associations with cancer risk factors* [ED02-03]
Lisa B. Signorello, Harvard School of Public Health, Boston, MA

American Association for Cancer Research  THE SCIENCE OF CANCER HEALTH DISPARITIES
Educational Session 3
Biospecimen Collection and Biobanking: Implications in the Diagnosis and Therapy of Cancer for Underserved Patients

Douglas Pavilion A

Chairperson: Carolyn C. Compton, Critical Path Institute, Tucson, AZ

Biospecimens are the gateway to molecular information about cancer patients and their specific malignancies. They are the central source of data essential for increasing knowledge of disease biology, developing new therapies, defining relevant biomarkers of disease, developing new biomarker assays, defining response to therapy, and delivering the best patient care. Thus, the availability of high-quality biospecimens is central to meeting challenges of cancer health disparities. Biospecimens must be collected and banked in ways that assure that they are molecularly fit for the analysis for which they are intended in order to produce high-quality data for both research and clinical management within the realm of cancer health disparities. Their value is also directly linked to the amount and quality of informative clinical data associated with the biospecimens and to the consent given for their research use. Education and outreach to increase understanding of the importance of biospecimen donation and establishment of infrastructure required to collect, store, and distribute donated specimens in ways that assure their quality are critically needed.

Introduction/Overview
Carolyn C. Compton

Part 1: Biospecimen Community Education/Outreach (Panel Discussion)

Minority and rural population views and consent preferences for biospecimen and biobank donation* [ED03-01]
Claudia R. Baquet, University of Maryland, Baltimore, MD

Hoy y Mañana (Translation: Today and Tomorrow): A biospecimen community education/outreach program for Latinos* [ED03-02]
Elisa M. Rodriguez, Roswell Park Cancer Institute, Buffalo, NY

Translating research into practice: Results of the WINCART Center Biospecimen Pilot Study and community outreach efforts* [ED03-03]
Patchareeya P. Kwan, Claremont Graduate University School of Community and Global Health, Claremont, CA

Part 2: Biospecimen Science and Technology Development to Benefit Disparities (Presentations)

Biospecimen science and health disparities
Helen Moore, National Cancer Institute, Bethesda, MD

Innovative technology development to advance biospecimen science* [ED03-05]
Anthony Dickherber, National Cancer Institute, Bethesda, MD

Educational Session 4
Health Literacy in the Real World: Insights and Applications Relevant to Cancer Disparities

Douglas Pavilion B

Chairperson: Rena J. Pasick, UCSF Helen Diller Family Comprehensive Cancer Center, San Francisco, CA

Health literacy (the degree to which individuals have the capacity to obtain, process, and understand basic health information and services needed to make appropriate health decisions) is fundamental to communication across the cancer continuum from prevention through survivorship. Yet understanding of the prevalence and implications of limited health literacy and strategies to address the literacy chasm has not translated broadly into clinical care or community education. As a result, advances in biomedical science may be poised to exacerbate disparities between those for whom highly complex concepts, terms, and practices are accessible and actionable and the many for whom this is not the case.

This workshop will apply insights from English-as-a-second-language (ESL) practice to cancer disparities research and practice, and consider the limits and possibilities of health information technology in relation to health literacy.

Introduction
Rena J. Pasick

Being literate, “doing” literacy, and staying healthy: Insights on health literacy from the adult ESL classroom
Maricel G. Santos, San Francisco State University, San Francisco, CA

Health literacy and health information technology: Promises and pitfalls* [ED04-03]
Urmimala Sarkar, University of California, San Francisco, CA

Summary
Rena J. Pasick

*An extended abstract for this presentation is available in the Invited Abstracts section of this book.
Opening Plenary Session
Saturday, October 27 • 6:30 p.m.-8:15 p.m.
Douglas Pavilion A

Welcome

Conference Co-Chairpersons: William G. Nelson, Sidney Kimmel Comprehensive Cancer Center at Johns Hopkins, Baltimore, MD; and Christopher I. Li, Fred Hutchinson Cancer Research Center, Seattle, WA

Keynote Address

Howard K. Koh M.D., M.P.H.
Assistant Secretary for Health, U.S. Department of Health and Human Services, Washington, DC

Dr. Howard K. Koh serves as the 14th Assistant Secretary for Health for the U.S. Department of Health and Human Services (HHS), after being nominated by President Barack Obama and confirmed by the U.S. Senate in 2009. Dr. Koh oversees 14 core public health offices, including the Office of the Surgeon General and the U.S. Public Health Service Commissioned Corps, 10 Regional Health Offices across the nation, and 10 Presidential and Secretarial advisory committees. He also serves as senior public health advisor to the Secretary. The Office of Assistant Secretary for Health implements an array of interdisciplinary programs relating to disease prevention, health promotion, the reduction of health disparities, women’s and minority health, adolescent health, HIV/AIDS and chronic infectious diseases, vaccine programs, fitness, sports and nutrition, bioethics, population affairs, blood supply, research integrity, and human research protections. As the Assistant Secretary for Health, Dr. Koh is dedicated to the mission of creating better public health systems for prevention and care so that all people can reach their highest attainable standard of health.

2012 AACR Distinguished Lecture on the Science of Cancer Health Disparities
funded by Susan G. Komen for the Cure®

Opening Reception
Saturday, October 27 • 8:15 p.m.-10:15 p.m.
Douglas Pavilion C
Plenary Session 1  
Sunday, October 28 • 8:00 a.m.-9:45 a.m.

Obesity and Cancer: Who We Are, How We Live, and What We Do

Douglas Pavilion A

Chairperson: Christopher I. Li, Fred Hutchinson Cancer Research Center, Seattle, WA

The obesity epidemic in the United States presents a major public health problem. It is highly relevant to cancer health disparities given the known influence of obesity on both the incidence and mortality for numerous cancers and the greater prevalence of obesity among many underserved populations. The purpose of this session is to approach this complex topic from multiple perspectives by examining recent advances in our understanding of the biology and genetics of obesity, how societal factors like the built environment contribute to obesity and disparities, and lastly the potential for interventions to improve outcomes among obese cancer survivors.

Introduction/Background

Christopher I. Li

Obesity and cancer: A mechanistic perspective

Stephen D. Hursting, University of Texas, Austin, TX

Racial/ethnic differences in the genetics of obesity* [PL01-03]

Jose R. Fernandez, University of Alabama, Birmingham, AL

Impact of the built environment on obesity* [PL01-04]

Theresa H. M. Keegan, Cancer Prevention Institute of California, Fremont, CA

Interventions to improve outcomes among obese cancer survivors

Lucile L. Adams-Campbell, Georgetown Lombardi Comprehensive Cancer Center, Washington, DC

*An extended abstract for this presentation is available in the Invited Abstracts section of this book.
Special Session 1
Sunday, October 28 • 9:45 a.m.-11:00 a.m.

Multilevel Assessment and Perception of Risk of Cancer in Underserved Communities: The Center for Population Health and Health Disparities (CPHHD) Experience

Douglas Pavilion A

Chairperson: Richard B. Warnecke, University of Illinois, Chicago, IL

There is increasing interest in the role of risk assessment in the process of screening and early detection of cancers. However, in populations that have limited health literacy, have not been fully acculturated, or have experienced abuse by the standard medical culture, discussing risk may be problematic. These papers explore issues related to discussing risk in health care and community settings as well as potential methodological and ethical issues resulting from making risk assessments part of the standard of care. We see this as a multilevel issue because effective implementation of risk assessment may require input from native tribal governments, community members, health systems and institutional review boards, health professionals, ethicists, and the patient and patient’s family.

Introduction

Richard B. Warnecke

Communicating risk in underserved populations

K. Vish Viswanath, Dana-Farber Cancer Institute, Boston, MA

Communicating breast cancer risk in the primary care environment

Kent F. Hoskins, University of Illinois College of Medicine, Chicago, IL

Objective and perceived risk of cervical cancer among Appalachian women* [SS01-04]

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

Multilevel breast cancer intervention in Latinas* [SS01-05]

Beti Thompson, Fred Hutchinson Cancer Research Center, Seattle, WA

Perspectives on risk in American Indian and Alaska Native populations

Dedra S. Buchwald, University of Washington, Seattle, WA

*An extended abstract for this presentation is available in the Invited Abstracts section of this book.
Plenary Session 2
Sunday, October 28 • 11:15 a.m.-1:00 p.m.

Hot Topics in Cancer Health Disparities Research

Douglas Pavilion A

Chairperson: Marcia R. Cruz-Correa, University of Puerto Rico Comprehensive Cancer Center, San Juan, PR

This special Plenary Session highlights some of the most innovative, high-impact research being conducted in cancer health disparities. The abstracts selected for oral presentations in this session represent the top 4% of abstracts submitted for this conference as reviewed by the conference Co-Chairpersons, Organizing Committee, and Scientific Review Committee.

Genetic susceptibility, genetic ancestry, and breast cancer risk among Hispanic and non-Hispanic white women** [PR01]
Laura Fejerman, University of California, San Francisco, CA

Genetic variation in the vitamin D pathway and risk for colorectal cancer in African Americans** [PR02]
Fabio Pibiri, University of Illinois at Chicago, Chicago, IL

Investigation of transcriptome differences in breast cancer tissues from African American and East African patients with triple-negative breast cancer** [PR03]
Lisa Baumbach, Translational Genomics Research Institute, Phoenix, AZ

Prostate cancer risk and dietary folate in a multiethnic population: Higher intake increases risk in the California Collaborative Prostate Cancer Study** [PR04]
Giovioell W. Rowland, University of Southern California, Los Angeles, CA

The effect of language on the self-rated health of Latina breast cancer survivors: Cancer self-efficacy and spiritual well-being as potential mediators of this association** [PR05]
Maria DeLourdes Garcia-Jimenez, UC Berkeley-UC San Francisco Joint Medical Program, Berkeley, CA

Racial/ethnic differences in breast cancer survival and mediating effects of tumor characteristics, sociodemographic, and treatment factors** [PR06]
Erica T. Warner, Harvard School of Public Health, Boston, MA

Racial-ethnic disparities in patient-provider communication and overall perceptions of follow-up care quality among adult cancer survivors** [PR07]
Nynikka R.A. Palmer, Wake Forest School of Medicine, Winston-Salem, NC

**An extended abstract for this presentation is available in the Proffered Abstracts section of this book.
Plenary Session 3
Sunday, October 28 • 2:30 p.m.-4:15 p.m.

Disparities in Cancer Pain Diagnosis and Provision of Palliative Care

Douglas Pavilion A

Chairperson: Richard Payne, Duke University, Durham, NC

Cancer treatment outcomes, including pain and palliative care, in Asian populations
Marjorie Kagawa-Singer, UCLA Fielding School of Public Health, Los Angeles, CA

Cancer treatment outcomes, including pain and palliative care, in Latino populations
Guadalupe Palos, The University of Texas MD Anderson Cancer Center, Houston, TX

Disparities in cancer palliative care for medically underserved populations* [PL03-03]
Michael J. Fisch, The University of Texas MD Anderson Cancer Center, Houston, TX

*An extended abstract for this presentation is available in the Invited Abstracts section of this book.
Poster Session A
Sunday, October 28 • 4:15 p.m.-6:45 p.m.

Douglas Pavilion B

Analytical Methods

Administrative and Large-Scale Database Methods

A01 No Maryland county left behind: Statewide intervention may reduce geographic disparities. Christina M. Bischoff, Norma F. Kanarek.

Neighborhood Analysis

A02 Quantifying neighborhood-level socioeconomic status to address disparities in breast cancer mortality. Melissa A. Miller, Yvonne Michael, Terry Hyslop.


A04 The distribution of mammography facility and census tract characteristics in Chicago. Jenna Khan, Jennifer Orsi, Garth Rauscher, Anne Marie Murphy, Danielle Dupuy.


Statistical and Epidemiological Models

A06 Reducing decision errors in the paired comparison of the diagnostic accuracy of continuous screening tests. Brandy M. Ringham, Todd A. Alonzo, John T. Brinton, Keith E. Muller, Deborah H. Glueck.


A10 How to adequately measure relative cancer survival in ethnically diverse populations. The Dutch experience. Melina Arnold, Mieke Josepha Aarts, Jan Willem Coebergh.

Behavioral and Social Science

Cancer Communications


A13 Closing the gap with podcast communication: Reducing health disparities through video podcasts utilizing breast and prostate cancer messages in the Tampa Bay community. Mezelle Moore, Maisha Standifer, Julie Baldwin, Deanna Wathington, Kevin Sneed, Kaylynn Brown.

A14 Cancer prevention information seeking and trust among Hispanic, Native American, and non-Hispanic white cancer patients and family members. Tamar Ginossar.

Community-Based Interventions

A15 The role of family communication in cancer screening practices. Adnan Hammad, Karen Patricia Williams, Ruth E. Zambrana, Cristian Meghea.
Poster Session A
Sunday, October 28 • 4:15 p.m.-6:45 p.m.

Douglas Pavilion B


A18 Development and implementation of a community-based clinical cancer outreach initiative. **Laura T. Waldman**, Brian F. Young, Ludmila A. Svoboda, Christopher S. Lathan.


A20 Using intervention mapping to plan a breast health promotion program for African immigrant women: A proposal. **Ebun O. Odeneve**.


Diffusion and Dissemination Research


Genetic Testing and Counseling

A26 Retrospective comparison of African American and European American cases undergoing genetic counseling for personal or family history of cancer. **Paola Raska**, Anna Mitchell.

Health Education

A27 Addressing linguistic needs for non-native English speakers: Assessing video technology as a means for increasing cancer screening. **Kate E. Murray**, Amy Pan, Alice Mills, Maria Lourdes F. Reyes, Sahra Abdi, Hope Velarde, Pat Clark, Rachel Bennett, Veronica Villarreal, Alison Olsen.

Recruitment/Retention/Adherence Research

A28 Latino farm workers and non-farm workers and their experiences in providing biospecimens for research. **Beti Thompson**, Elizabeth Carosso, Ilda Islas, Genoveva Ibarra.


Poster Session A
Sunday, October 28 • 4:15 p.m.-6:45 p.m.

Douglas Pavilion B

**A32** Do theoretical mediators differentiate adherent and non-adherent American Indian mammographic screeners? Preliminary results from one tribe. Wesley Petersen, Ann M. Nicometo.

**A33** The utility of a state-wide cancer registry in recruiting a clinically representative population-based sample of young black women diagnosed with early-onset breast cancer. Devon Bonner, Tuya Pal, Christine Tallo, Susan T. Vadaparampil.

**Biomarkers**

Biomarkers in Cancer Surveillance and Screening

**A34** How important is comprehensive rearrangement testing for BRCA mutations in African American women with early-onset breast cancer? Tuya Pal, Devon Bonner, Mohammad Akbari, Steven Narod, Susan Vadaparampil.

**Biomarkers of Risk and Surrogate Endpoints**


**Organ Site Research**

**Lung Cancer**

**A36** Predictors of radiation pneumonitis in patients with malignant lung tumors after chemoradiotherapy. Wofaa Gadallah.

**Cancer Treatment and Outcomes**

Drug Design, Discovery, and Delivery

**A37** Discovery of novel luteinizing hormone releasing hormone (LHRH) peptides as a nanotherapeutic targeting drug delivery system for prostate, ovarian, breast, and cervical cancers. David J. Olivos, Mary R. Saunders, Yuanpei Li, Nasir Al Awwad, Kit S. Lam.

**A38** Nanoreformulation of platinum-based drugs to address disparate cancer treatment outcomes. James W. Lillard, S. Singh, R. Singh.

Late Effects/Survivorship


Mechanisms of Drug Action

**A41** Dasatinib regulation of N-glycans induce anticancer activity in hematological and solid tumor malignancies. Mary R. Saunders, L. Renee Ruhaak, Cynthia Williams, David J. Olivos, Carol Stroble, Hyun Joo An, Suzanne Miyamoto, Carlito B. Lebrilla, Kit S. Lam.
Poster Session A
Sunday, October 28 • 4:15 p.m.-6:45 p.m.

Douglas Pavilion B

Palliative Care and Pain Management

A42 A nurse practitioner-directed palliative care intervention trial in racially diverse patients with metastatic cancer. Gerardo Colon-Otero, Mary Lesperance, Fauzia Rana, Robert Shannon, Jeffrey Sloan.

Pharmacology, Pharmacogenetics, and Pharmacogenomics


Quality of Life


Other

A49 Mediators of racial/ethnic disparities in radiation treatment among breast cancer patients. Abigail Silva, Garth H. Rauscher, Rao D. Ruta, Kent Hoskins.

A50 Is there a reverse racial/ethnic disparity in chemotherapy treatment among breast cancer patients? Abigail Silva, Garth H. Rauscher, Kent Hoskins, Ruta D. Rao.


Epidemiology, Lifestyle, and Genetics

Neighborhood Factors

A53 Proximity to clinic and time to diagnostic resolution after abnormal cancer screening in an urban safety net setting. Ann M. Han, Tracy Battaglia, Veronica M. Vieira, Sharon Bak, Tim Heeren, Clara Chen, Karen M. Freund.

A54 The association of county-level characteristics with the incidence of squamous cell carcinoma of the cervix in Hispanic women. Kristy K. Ward, Angelica M. Roncancio, Steven C. Plaxe.


A56 The role of food distributors within small stores in San Diego, CA, and produce purchasing behavior among Latino grocery shoppers. Jennifer C. Sanchez, Julie Pickrel, Guadalupe X. Ayala.
Obesity, Metabolism, and Cancer


Race, Admixture, and Ethnicity


Stress

A69 The association between chronic stress and telomere length in African American men. Samantha Simon, Wallace Sharif.

Tobacco and Cancer

A70 Smoking, body mass index, and breast cancer risk: A pooled analysis of Hispanic and non-Hispanic white women from New Mexico. Avonne E. Connor, Christina M. Pinkston, Richard N. Baumgartner, Kathy B. Baumgartner.

A71 Smoking and breast cancer survival among New Mexican Hispanic and non-Hispanic white women. Kathy B. Baumgartner, Christina Pinkston, Avonne Connor, Stephanie Denkhoff, Dongyan Yang, Richard N. Baumgartner.
Poster Session A
Sunday, October 28 • 4:15 p.m.-6:45 p.m.

Douglas Pavilion B

Other Risk Factors


A73  Biological implications of glycation in prostate cancer disparities. Dion Foster, Victoria Findlay, Lourdes Nogueire, Deidre White, Emily Kistner-Griffin, Mahtabuddin Ahmed, Judith Salley, Marvella Ford, David Turner.

A74  The impact of health-related legal issues on timely care among women with abnormal cancer screening. Tracy A. Battaglia, Sarah W. Primeau, Sharon M. Bak, Timothy Heeren, Samantha Morton, Karen M. Freund.


A76  Minority status as a contributing factor to health inequalities: A global perspective. Solange Cox, Dan Li, Alicia Hulbert, Anthony Alberg, Malcolm V. Brock.

Prevention Behaviors

A78  Cancer prevention and risk factors for three minority communities. Lisa K. Bain, Emilie Edquid, Sahro Nor, Sara Aguilar, Maria Lourdes Reyes.

A79  Perspectives of breast and cervical cancer screening among female African immigrants to the U.S. Ezinne G. Ndukwu, Karen Patricia Williams, Vanessa Sheppard, Amr Soliman.

A80  Adult Pacific Islanders in California: Comparing cancer screening behaviors, lifestyle, and nutrition to non-Hispanic whites and other minority subgroups. Christina K. Holub, Maria Rosario Araneta, Dayana Chanson.

Screening and Early Detection


A84  Evidence of social influence promoting cancer knowledge and intent to obtain mammography among rural Latinas. Rachel Ceballos, Yamile Molina, Beti Thompson.

A85  Distance to mammography facilities modifies the effect of patient navigation on breast cancer screening adherence among female black Medicare beneficiaries in Baltimore City. Aracelis Z. Torres, Darcy F. Phelan, Craig E. Pollack, Lee Bone, Jennifer Wenzel, Mollie Howerton, Gary R. Shapiro, Mary A. Garza, Lawrence Johnson, Carlos Castillo-Salgado, Jean G. Ford.

Prevention Research

Preclinical Prevention Studies

A77  Preclinical multimodality imaging of metastatic prostate cancer xenograft models with 89Zr-J591. Kofi Deh, Siddartha Chandrasekaran, Shoaib Fareedy, Joseph Osborne.
Poster Session A
Sunday, October 28 • 4:15 p.m.-6:45 p.m.

Douglas Pavilion B


A87  “I didn’t know what to think. I thought I was going to die.” Latinas’ understanding and attitudes toward an abnormal Pap test result. Elizabeth Carosso, Javiera Martinez, Matthew Banegas, Gloria Coronado, Beti Thompson.


A89  Do patient tracking, follow up, and referral practices contribute to breast cancer disparities in a large urban area? Christine B. Weldon, Jimmie Knight, Julia R. Trosman, Danielle Dupuy, Betty Broggenkamp, Julian C. Schink, Jennifer M. Orsi, Anne Marie Murphy.

A90  Ethnic differences in cancer worry following an abnormal mammogram result: The roles of risk perception and follow-up care beliefs. Yamile Molina, Linda K. Ko, Beti Thompson, Shirley A.A. Beresford.


A94  Cancer screening and related behaviors in five minority and special populations of Michigan. May Darwish Yassine.
Plenary Session 4
Monday, October 29 • 8:00 a.m.-9:45 a.m.

Tobacco and Global Health

Douglas Pavilion A

Chairperson: Jonathan M. Samet, USC/Norris Comprehensive Cancer Center, Los Angeles, CA

This session covers the global tobacco epidemic and its contribution to health disparities. Universally, patterns of tobacco use are heterogeneous across populations with the highest smoking rates generally among those with lower education and income. The presentations in this session will describe the most recent data on tobacco use from the Global Adult Tobacco Survey (GATS). The potential role of genetics in contributing to cancer health disparities will be explored as will the challenges of tobacco control in minorities. The session ends with the topic of the Framework Convention on Tobacco Control (FCTC), a global public health treaty that provides a powerful platform for tobacco control.

The global tobacco epidemic in 2012* [PL04-01]
Jonathan M. Samet

Genetics and healthcare disparities caused by smoking* [PL04-02]
Neal L. Benowitz, University of California, San Francisco, CA

Controlling tobacco use in minorities and the underserved* [PL04-03]
Lourdes A. Baezconde-Garbanati, University of Southern California, Los Angeles, CA

Global tobacco control and disparities in smoking* [PL04-04]
Joanna Cohen, Johns Hopkins Bloomberg School of Public Health, Baltimore, MD

*An extended abstract for this presentation is available in the Invited Abstracts section of this book.
Forum 1
Monday, October 29 • 9:45 a.m.-11:00 a.m.

Policy Forum

Douglas Pavilion A

Chairperson: Jon Retzlaff, American Association for Cancer Research, Washington, DC

This session will provide an overview of the role that various federal stakeholders play in addressing the health disparities gap for underserved populations, highlight the ways in which the AACR is influencing policy in Washington, DC, to lessen the disparities that exist in our country, and inform session participants how they can get involved to help ensure that science-based policy changes to reduce health disparities are implemented. Invited Members of Congress and/or congressional staff will provide their perspective on ways that policymakers are working to reduce health disparities through legislative and policy interventions. Mr. Retzlaff, Managing Director for Science Policy and Government Affairs at the AACR, will provide an overview of the current political climate on Capitol Hill for reducing health disparities and explain how the major health care legislation that was signed into law in 2010 (the “Affordable Care Act”) will help reduce disparities.

Speakers to be announced
Plenary Session 5
Monday, October 29 • 11:15 a.m.-1:00 p.m.

Global Health Disparities in Cancer

Douglas Pavilion A

Chairperson: Jorge Gomez, National Cancer Institute, Rockville, MD

Cervical cancer as an example of gender-associated health inequality* [PL05-01]
Rolando Herrero, International Agency for Research on Cancer, World Health Organization, Lyon, France

Global perspective on the prevention of HPV-related cancers in men:
From epidemiology to intervention* [PL05-02]
Anna R. Giuliano, H. Lee Moffitt Cancer Center and Research Institute, Tampa, FL

Less than three HPV vaccine doses: Implications for administering the HPV vaccine in resource-poor settings* [PL05-03]
Mahboobeh Safaeian, National Cancer Institute, Rockville, MD

Introducing HPV screening into low-resource settings: Opportunities and challenges* [PL05-04]
Julia C. Gage, National Cancer Institute, Rockville, MD

The U.S.-Latin American Cancer Research Network as a model of collaboration with Latin America* [PL05-05]
Jorge Gomez

*An extended abstract for this presentation is available in the Invited Abstracts section of this book.
Special Session 2
Monday, October 29 • 1:45 p.m.-3:00 p.m.

Training and Funding Opportunities in Cancer Health Disparity Research

Douglas Pavilion A

Chairperson: Michael M. Gottesman, National Cancer Institute, Bethesda, MD

The National Institutes of Health and other government organizations such as the Patient-Centered Outcomes Research Institute (PCORI) are acutely aware of the unequal burden of illness borne by the American public and have taken a variety of approaches to understand and ameliorate health disparities. The speakers in this session will present the perspectives of three different organizations: the NIH intramural research program, the NCI/NIH extramural research program, and PCORI. Michael Gottesman, M.D., the Deputy Director for Intramural Research at the NIH and Chief of the Laboratory of Cell Biology, Center for Cancer Research, NCI, will describe a variety of different intramural training programs to improve the diversity of the biomedical workforce and to address health disparities. Nelson Aguila, D.V.M., Director, Center to Reduce Cancer Health Disparities, will describe efforts to improve diversity in the cancer research workforce. Anne C. Beal, M.D., M.P.H., Chief Operating Officer of PCORI, will summarize funding opportunities from PCORI in the area of health disparities.

Piloting new training and career development opportunities at the National Institutes of Health

Michael M. Gottesman

Increasing diversity in the cancer research workforce: Funding opportunities* [SS02-02]

H. Nelson Aguila, National Cancer Institute, Rockville, MD

PCORI funding opportunities in disparities

Anne C. Beal, Patient-Centered Outcomes Research Institute (PCORI), Washington, DC

*An extended abstract for this presentation is available in the Invited Abstracts section of this book.
Plenary Session 6
Monday, October 29 • 3:00 p.m.-4:45 p.m.

Inflammation and Cancer

Douglas Pavilion A

Chairperson: Curtis C. Harris, National Cancer Institute, Bethesda, MD

Myeloma in blacks: Not more of the same
Ola Landgren, National Cancer Institute, Bethesda, MD

Inflammation, DNA mismatch repair, and colon cancer* [PL06-02]
John M. Carethers, University of Michigan, Ann Arbor, MI

Inflammation and cancer: Interweaving microRNA, free radical, innate immune, and p53 networks* [PL06-03]
Curtis C. Harris

*An extended abstract for this presentation is available in the Invited Abstracts section of this book.
**Poster Session B**  
**Sunday, October 28 • 4:45 p.m.-7:15 p.m.**

Douglas Pavilion B

**Behavioral and Social Science**

**Community-Based Participatory Research**

**B01** Identifying barriers to breast cancer screening guideline adherence among minority women residing in rural geographic regions. *Monique J. Carter, Arturo A. Pizaña, Scharri E. Walker, Tracey A. Davis.*

**B02** Promotores advancing knowledge and participation in cancer research studies. *Ana Paula Cupertino, Johana Bravo De los Rios, Mercedes Saint-Elin.*

**B03** Effectiveness of lay health worker outreach in reducing colorectal cancer screening disparities in Vietnamese Americans. *Bang H. Nguyen, Susan L. Stewart, Tung T. Nguyen, Stephen J. McPhee, Mai T. Tran, Alene L. Pham, Ngoc Bui-Tong.*

**B04** Using CBPR to develop a systems-level colorectal cancer screening intervention. *Aimee James, Meera Muthukrishnan, Matthew Brown, Rebekah Jacob, Nancy Mueller, Graham Colditz.*

**B05** Technical assistance as part of capacity building for collaborative research in breast cancer, the environment, and/or disparities. *Senaida Fernandez, Marj Plumb, Catherine Thomsen, Braun Susan, Heather Sarantis, Juliana van Olphen, Emily Galpern, Marion Kavanaugh-Lynch.*

**B06** Rural women’s decision-making about cervical cancer prevention in South Carolina. *Jessica D. Bellinger, Whitney Millegan, Azza Abdalla, Kim Creek.*

**B07** GMaP/BMaP Region VI: Utilizing a community-based participatory research approach to deliver culturally appropriate colorectal cancer education. *Heidi M. Harbach, Beti Thompson.*

**B08** Examining community-perceived cancer mortality from industrial toxins along the Houston Ship Channel through spatial-temporal analysis in a GIS environment. *Demetrice R. Jordan, Denae Waller King, Lovell A. Jones.*


**B12** “Present Your Body”: Cancer awareness within the African American faith community in South Los Angeles. *Anna Aziza Lucas-Wright, Loretta Jones, James L. Smith, Roberto Vargas, Jaydutt V. Vadgama, Annette E. Maxwell, Mohsen Bazargan.*

**B13** Development of culturally tailored breast cancer brochures for the American Indian community in Kansas and Missouri. *Joseph Pacheco, Tara Hammer, Ruth Buffalo, Melissa K. Filippi, K. Allen Greiner, Christine M. Daley.*

**B14** Community health workers support CBPR ethics: Lessons learned along the research-to-practice-to-community continuum. *Selina A. Smith, Daniel S. Blumenthal.*

**Decision Making**


**B17** Physician techniques in shaping prognostic conversations: Implications for black women. *Jennifer James.*
Poster Session B
Sunday, October 28 • 4:45 p.m.—7:15 p.m.

Douglas Pavilion B

Socioeconomic Influences


B19 Understanding racial/ethnic and multilevel socioeconomic disparities in survival after breast cancer. Salma Shariff-Marco, Juan Yang, Meera Sangaramoorthy, Andrew Hertz, Esther M. John, Jocelyn Koo, David O. Nelson, Clayton Schupp, Theresa H.M. Keegan, Scarlett Lin Gomez.


Other


B23 Curcumin suppresses the growth and metastasis of prostate cancer cells by downregulation of SKP2. Yuanying Gong, Wenfu Lu, Yingqiu Xie, Qing Yang, Robert J. Matusik, Zhenbang Chen.

B24 Stimulating the development of research and training in cancer health disparities through the University of Guam (UOG)/University of Hawaii Cancer Center (UHCC) partnership. Hali R. Robinett, Helen J.D. Whippy, Carl-Wilhelm Vogel.


Carcinogenesis

Animal Models of Carcinogenesis

B28 Exploring the host immune response to understand the existence of Helicobacter-induced gastric cancer disparity. Kelly S. Doran, Ellee S. Carmona, Anirban Banerjee, Arnika Sharma, Marygorret Obony.


Cell, Molecular, and Tumor Biology

Cell Growth Signaling Pathways

Poster Session B
Sunday, October 28 • 4:45 p.m.-7:15 p.m.

Douglas Pavilion B

B31 Expression of Wnt3 activates Wnt/β-catenin pathway and promotes EMT-like phenotype in trastuzumab-resistant HER2-overexpressing breast cancer cells. Yanyuan Wu, Charles Gnthrer, Juri Kim, Nicole Mosher, Seyung Chung, Dennis Slamon, Jaydutt V. Vadgama.


DNA Methylation/Epigenetics and Chromatin Regulation

B33 Genome-wide methylation analyses reveal racial differences in blood DNA of prostate cancer patients from the North Carolina-Louisiana Prostate Cancer Project (PCaP) cohort. Anna Woloszynska-Read, Dan Wang, Song Liu, James L. Mohler, Donald L. Trump, Candace S. Johnson.


B35 Altered DNA methylation at imprinted insulin-like growth factor-2 (IGF2) resulting from heavy metal exposure in vitro and in vivo in infants from the Newborn Epigenetic Study (NEST). Monica D. Nye, Adriana C. Vidal, Marilie D. Gammon, Cathrine Hoye.

Viral Oncogenesis and Mechanisms


Other

B38 Profiling miR-152 expression in African American prostate cancer cell lines. Shaniece Crystal Theodore, Melissa Davis, Rhim Jhong, Timothy Turner, Clayton Yates.

Epidemiology, Lifestyle, and Genetics

Behavioral Epidemiology


B42 Examining factors associated with high levels of breast cancer beliefs among Hispanic women. Rani J. Gallardo, Garth H. Rauscher, Carol E. Ferrans.

Diet and Nutrition

B43 PR04 Prostate cancer risk and dietary folate in a multiethnic population: Higher intake increases risk in the California Collaborative Prostate Cancer Study. Glovioell W. Rowland, Esther M. John, Sue A. Ingles.
Poster Session B
Sunday, October 28 • 4:45 p.m.-7:15 p.m.

Douglas Pavilion B


B46 Isolation, identification, and sensitivity pattern on fatty acid composition of edible oil in Bangladesh: From preclinical studies to international clinical trials. Md. Ariful Haque Mollik.

Exercise and Prevention


Familial and Genetic Epidemiology


General Epidemiology and Biostatistics

B49 Demographic differences in African American compared to Caucasian women with luminal A breast cancer. Rachel E Ellsworth, Craig D. Shriver.

B50 Concordance between self-reported and medical record breast cancer treatment data by income and education. Jean A. McDougall, Kathleen E. Malone, Mei-Tzu C. Tang, Christopher I. Li.

Molecular Epidemiology


B52 Polymorphisms in the metabolism related genes and obesity may explain prostate cancer disparity in African American men. Ganna Chornokur, Ernest Amankwah, Jong Park, Catherine Phelan, Nai Kumar.

B53 Analysis of Wnt signaling as a determinant of racial disparities in colorectal cancer outcomes. Megan E. Miller, Rangesh Kunnavakkam, Galina Khramtsova, Andrey Khramtsov, Brooke Sylvester, Dezsheng Huo, Olufunmilayo I. Olopade, Kathleen H. Goss.

Health Economics, Outcomes, and Policy Research

Healthcare Systems


B55 Barriers to care reported among patients with cervical and breast abnormalities in the Ohio Patient Navigation Research Program. Mira L. Katz, Paul L. Reiter, G. Young, Electra D. Paskett.
Poster Session B
Sunday, October 28 • 4:45 p.m.-7:15 p.m.

Douglas Pavilion B

Health Economics, Policy, and Outcomes

B56 The impact of health care accessibility on cancer-related behaviors and outcomes in NA populations within the Northern High Plains. Eric Belasco, Ethan Wilkes, Barbara Pence.

Treatment Factors and Outcomes


Organ Site Research

Breast Cancer

B60 Role of MUC1 mucin in American Indian breast cancer health disparity. Diane M. Maher, Emily Gaster, Phillip Stephenson, Michael Koch, Susan Eliason, Meena Jaggi, Subhash C. Chauhan.


Poster Session B
Sunday, October 28 • 4:45 p.m.-7:15 p.m.

Colorectal Cancer

B70 Colorectal cancer-related disparities according to rurality, socioeconomic status, and race. Robert B. Hines, Asal Mohamadi, Talar W. Markossian.


Genitourinary Cancers


Gynecological Cancers

B75 Benzo(a)pyrene exposure increases expression of HPV oncoproteins: A potential co-factor for increased cervical cancer among Northern Plains American Indian women. Diane M. Maher, Maria Bell, Amanda Schaefer, Emmylu O’Donnell, Meena Jaggi, Subhash Chauhan.

Lung Cancer


Prevention Research

Screening and Early Detection

B79 Assessing colorectal cancer screening behaviors and knowledge among at-risk Hispanics in southern New Mexico. Janet Sanchez, Vanessa Martinez, Beti Thompson, Mary O’Connell.

B80 Evaluation of annual mammographic rescreening among uninsured minority women in Northern Manhattan. Andrea Mattocks, Grace Clarke Hillyer, Karen Schmitt.


B82 Time to clinical follow up after abnormal mammogram in African American and Hispanic women: Preliminary findings. Shariska S. Petersen, Marianna Sarkissyan, Yanyuan Wu, Marianne Carlota, Jaydutt V. Vadgama.
Poster Session B
Sunday, October 28 • 4:45 p.m.-7:15 p.m.

Douglas Pavilion B

B83 Acceptability of a rinse technique for diagnosing head and neck squamous cell carcinoma among African Americans. Suzanne C. Lechner, Lutecia H. Mateus Pereira, Erika Reategui, Claudia Gordon, Jamie Studts, Margaret Byrne, Monica Webb Hooper, David J. Lee, Elizabeth J. Franzmann.


B85 Chinese American women’s beliefs in mammogram. Helen Vallina, Karen Kim.

B86 Head and neck squamous cell carcinoma and disparities: A model for early detection. Lutecia H. Mateus Pereira, Isildinha Reis, Robert Duncan, Judy Wen, Erika Reategui, Laurian Walters, Aymee Perez, Elizabeth J. Franzmann.

B87 Factors associated with mammography screening in cities of four contiguous US states whose 2010 mammography rates for women aged 40 and older ranged from 63.8 to 75.2 percent. Ann M. Han, Shwetha Sequeira, Loretta Berger.


B89 Understanding changes in the USPSTF mammography screening guidelines: The role of the Avon Breast Health Outreach Program in reaching underserved women. Shirley M. Bluethmann, Hannah L. Mills, Elizabeth Harden, Jennifer D. Allen.

B90 Mammography screening access among uninsured and limited English-speaking populations: Spatial findings from the Every Woman Counts No-Cost Mammography Program in California. Kim Hanh Nguyen.

Vaccines and Immunoprevention

B91 Addressing the growing confidence gap in public acceptance of vaccines in the United States. Glenn Ellis.

B93 Resuscitating cancer immunosurveillance by combining Notch 1 and death receptor activating therapy. Duafalia F. Dudimah, Roman V. Uzhachenko, Samuel T. Pelom, Asel K. Biktasova, Mikhail M. Dikov, David P. Carbone, Anil Shanker.
Plenary Session 7
Tuesday, October 30 • 8:00 a.m.-9:45 a.m.

The Impact of Genomics in Understanding Cancer Biology Across Populations

Douglas Pavilion A

Chairperson: John D. Carpten, Translational Genomics Research Institute, Phoenix, AZ

It is universally accepted that somatic alterations (i.e., point mutations, small insertions and deletions, rearrangements, gains and losses) occur at the DNA level in cancer. These somatic events can drive tumorigenesis, metastatic progression, and/or drug resistance. More importantly, specific somatic alterations are intimately tied to companion targeted therapeutics. Recent technological advances in the form of next-generation sequencing technologies now provide us with platforms to interrogate entire human genomes at a fraction of the time and cost compared to more traditional sequencing technologies. These technologies are already being used to survey the global somatic landscape of tumors across large cohorts. As many cancer types disproportionately affect underrepresented populations, this session will highlight new findings from deep genomic profiling of tumors from individuals from diverse populations. Ultimately it is our hope to glean new insights into the possible role of somatic events.

Molecular profiling of breast cancer in Mexico: Identification of novel therapeutic targets through whole-genome sequencing analysis* [PL07-01]

Alfredo Hidalgo-Miranda, Instituto Nacional de Medicina Genómica (INMEGEN), Mexico City, Mexico

Genome sequencing of triple-negative breast cancer in African American women* [PL07-02]

John D. Carpten

Genomics of racial disparities in pediatric acute lymphoblastic leukemia* [PL07-03]

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

Genomics of colorectal cancer in African Americans

Nathan A. Ellis, University of Illinois, Chicago, IL

Panel discussion

*An extended abstract for this presentation is available in the Invited Abstracts section of this book.
Forum 2
Tuesday, October 30 • 10:00 a.m.-11:15 a.m.

Community-Based Participatory Research to Reduce Cancer Health Disparities: Current and Future Perspectives

Chairperson: Chanita Hughes-Halbert, Medical University of South Carolina, Charleston, SC

Community-based participatory research (CBPR) is an important approach for addressing cancer health disparities. The objective of this special session is to describe the effects of CBPR approaches that have been implemented to address determinants of disparities in medically underserved groups. Presenters will describe the results of studies that were developed collaboratively with community-based stakeholders to improve access to and use of cancer screening tests, decrease risk exposure by increased consumption of fruit and vegetables and physical activity, and develop national policies and establish metrics for patient navigation. Presenters will also identify future perspectives and goals for enhancing collaboration efforts between academic investigators and community stakeholders to continue efforts for addressing determinants of cancer disparities.

Community-based interventions to reduce colon cancer disparities in African Americans in South Carolina* [F002-01]

James R. Hébert, University of South Carolina, Columbia, SC

Community-based participatory research for cancer prevention and control in African Americans* [F002-02]

Chanita Hughes-Halbert

Breast cancer control in federally qualified health centers* [F002-03]

Elizabeth Calhoun, University of Illinois, Chicago, IL

*An extended abstract for this presentation is available in the Invited Abstracts section of this book.
Plenary Session 8
Tuesday, October 30 • 11:15 a.m.-1:00 p.m.

Eliminating Colorectal Cancer Health Disparities: Can It Be Done?

Douglas Pavilion A

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

Colorectal cancer (CRC) is a preventable and treatable cancer if screening is used appropriately. Some population groups, however, do not receive screening or do not receive appropriate and timely follow up for positive tests or proper treatment. These disparities result in disparate outcomes for CRC. Studies have demonstrated what is needed to improve screening and treatment rates. What if these strategies were implemented at a population-level? Would CRC disparities change? This session explores CRC screening, racial disparities in screening, treatment, and outcomes, and then presents the results of a population-level intervention designed to reduce CRC disparities in the state of Delaware. This real-world intervention can serve as a model for other communities/states that are invested in reducing CRC.

Overview of CRC and disparities
Sally W. Vernon, University of Texas Health Science Center, Houston, TX

Colorectal cancer health disparities: Role of racial disparities in stage* [PL08-02]
Anthony S. Robbins, American Cancer Society, Atlanta, GA

Understanding and reducing disparities in colorectal cancer: From diagnosis forward* [PL08-03]
Blase N. Polite, University of Chicago Cancer Research Center, Chicago, IL

Statewide colorectal cancer disparity elimination in Delaware
Stephen Grubbs, Helen F. Graham Cancer Center, Christiana Care Health System, and Delaware Cancer Consortium, Newark, DE

*An extended abstract for this presentation is available in the Invited Abstracts section of this book.