

## Conference Program and Schedule at a Glance

## Sunday, September 18, 2011

11:30 a.m-1:00 p.m. Professional

**Advancement Series** 

Session

Constitution Ballrooms A/B, p. 19

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

**Biobanking: A Tricky Endeavor** 

Chairperson: Peter G. Shields, Constitution

Ballrooms A/B, p. 20

How Do We Measure Disparities and Assess Progress?

Chairperson: Sam Harper, Constitution Ballrooms

C/D/E, p. 20

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

**Epigenome: Tools and Technologies** 

Chairperson: Bernard Kwabi-Addo, Constitution

Ballrooms A/B, p. 21

Perspectives on Race: The RACE Project Chairperson: Yolanda Moses, Constitution

Ballrooms C/D/E, p. 21

7:00 p.m.-8:15 p.m. Opening Plenary Session

Constitution Ballrooms C/D/E, p. 22

Welcome

William G. Nelson

Second Annual AACR Distinguished Lecture on the Science of Cancer Health Disparities Supported by Susan G. Komen for the Cure<sup>®</sup>

Closing the Knowledge Disparity Gap: From Molecular Mechanisms to Interventions and Back Olufunmilayo I. Olopade

8:15 p.m.-10:15 p.m. Opening Reception

Constitution Ballrooms A/B, p. 22

Special musical entertainment: Julia Nixon

Monday, September 19, 2011

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

**EBV** and Cancer

Chairperson: Richard F. Ambinder, Constitution

Ballrooms C/D/E, p. 23

9:45 a.m.-10:45 a.m. Keynote Session

Towards a Future without Health Disparities

Speaker: Louis W. Sullivan, Constitution

Ballrooms C/D/E, p. 24

10:45 a.m.-11:00 a.m. Coffee Break

Constitution Ballroom Foyer

11:00 a.m.-12:45 p.m. Plenary Session 2

Prevention of Liver Cancer: Induction of Aflatoxin Metabolism and Control of Hepatitis

Chairperson: John D. Groopman, Constitution

Ballrooms C/D/E, p. 25

12:45 p.m.-2:00 p.m. Lunch Break (on own)

2:00 p.m.-3:45 p.m. Plenary Session 3

Triple-Negative Breast Cancer in Young Underserved Women

Chairperson: Judy E. Garber, Constitution

Ballrooms C/D/E, p. 26



Program and Schedule at a Glance

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## Conference Program and Schedule at a Glance

3:45 p.m.-6:15 p.m. Poster Session A

Constitution Ballrooms, A/B, p. 27

## **Analytical Methods**

Administrative and Large-Scale Database Methods Bioinformatics Multilevel Analysis Statistical and Epidemiological Models

#### **Behavioral and Social Science**

Cancer Communications
Community-based Interventions
Decision Making
Diffusion and Dissemination Research
Genetic Testing and Counseling
Health Education

Alcohol, Tobacco, and Substance Abuse

#### **Biomarkers**

Biomarkers of Premalignant Lesions Biomarkers of Risk and Surrogate Endpoints Novel Technologies

### **Cancer Treatment and Outcomes**

Drug Design, Discovery, and Delivery Late Effects/Survivorship Proteomics, Chemogenomics, and Chemoinformatics Quality of Life Second Cancers Other

## Carcinogenesis

Animal Models of Carcinogenesis DNA Damage and Repair Mechanisms Tumor Promotion and Progression

## Epidemiology, Lifestyle, and Genetics

Familial and Genetic Epidemiology
General Epidemiology and Biostatistics
Neighborhood Factors
Obesity, Metabolism, and Cancer
Physical Activity and Energy Balance
Race, Admixture, and Ethnicity
Stress
Other Risk Factors

# Health Economics, Outcomes, and Policy Research

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

## **Tuesday, September 20**

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

Cancer Screening: Multilevel Challenges in Vulnerable Populations Chairperson: Stephen H. Taplin, Constitution Ballrooms C/D/E, p. 35

9:45 a.m.-12:15 p.m. Poster Session B

Constitution Ballrooms A/B, p. 36

## **Behavioral and Social Science**

Community-based Participatory Research Recruitment/Retention/Adherence Research Socioeconomic Influences Stress Other

### Cell, Molecular, and Tumor Biology

Cancer Genetics/Gene Expression
DNA Methylation/Epigenetics and
Chromatin Regulation
Other

#### **Epidemiology, Lifestyle, and Genetics**

Behavioral Epidemiology Diet and Nutrition Exercise and Prevention Molecular Epidemiology

#### **Organ Site Research**

Breast Cancer
Colorectal Cancer
Gastrointestinal Cancers
Genitourinary Cancers
Gynecological Cancers
Head and Neck Cancers
Lung Cancer
Other Organ Sites

#### **Prevention Research**

Prevention Behaviors
Screening and Early Detection
Vaccines and Immunoprevention

12:15 p.m.-12:45 p.m. Lunch Break (on own)





## Conference Program and Schedule at a Glance

#### 12:45 p.m.-1:45 p.m. Special Session

Increasing Recruitment of Minorities and the Medically Underserved for Research Studies Presented by the Love/Avon Army of Women Chairperson: Susan M. Love, Constitution Ballrooms C/D/E, p. 44

## 1:45 p.m.-2:45 p.m. Policy Forum 1

The Implementation of Health Care Reform: How Does It Address Health Disparities? Constitution Ballrooms C/D/E, p. 45

#### 2:45 p.m.-4:30 p.m. Plenary Session 5

Tobacco: Still the Dominant Global Health and Disparities Threat

Chairperson: Roy S. Herbst, Constitution

Ballrooms C/D/E, p. 46

#### 4:45 p.m.-6:30 p.m. Plenary Session 6

Patient Navigation in Cancer Care: Results from the Patient Navigation Research Program Chairperson: Electra D. Paskett, Constitution Ballrooms C/D/E, p. 47

## Wednesday, September 21

#### 8:00 a.m.-9:45 a.m. Plenary Session 7

Pharmacogenetics of Cancer Therapy: Challenges and Opportunities

Chairperson: Francis Ali-Osman, Constitution

Ballrooms C/D/E, p. 48

9:45 a.m.-10:00 a.m. Coffee Break

Constitution Ballroom Foyer

## 10:00 a.m.-11:00 a.m. Policy Forum 2

**Ensuring a Diverse Scientific Workforce of** the Future

Constitution Ballrooms C/D/E, p. 49

## 11:00 a.m.-12:45 p.m. Plenary Session 8

Genomics and Epigenomics of Cancer Disparities

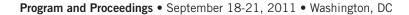
**Chairperson:** Steven R. Patierno, Constitution

Ballrooms C/D/E, p. 50

12:45 p.m. Closing Remarks

Constitution Ballrooms C/D/E







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## Professional Advancement Series Session

Sunday, September 18 11:30 a.m.-1:00 p.m.

Constitution Ballrooms A/B

#### Organized by the MICR Council

**Co-Chairpersons: Chanita Hughes-Halbert,** Abramson Cancer Center of University of Pennsylvania, Philadelphia, PA; **Amelie G. Ramirez,** University of Texas Health Science Center, San Antonio, TX

#### Panelists:

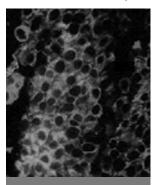
**Jasjit S. Ahluwalia,** University of Minnesota Medical School Center for Health Equity, Minneapolis, MN

**Chanita Hughes-Halbert,** Abramson Cancer Center of University of Pennsylvania, Philadelphia, PA

**Miguel Villalona-Calero,** The Ohio State University Medical Center, Columbus, OH Additional panelists to be announced

This informative Professional Advancement Series session provides a forum in which students, postdoctoral candidates, and junior investigators can discuss important career development issues, such as getting that first RO1, finding a good mentor, and developing a research program, with established senior scientists. These topics will be addressed through a facilitated panel discussion. Although all conference attendees are invited to attend this session, it is geared toward early-career investigators.

Advance registration was encouraged. Onsite registration will be available on a first-come first-served basis. Seating is limited.



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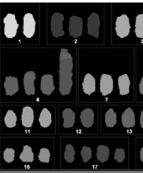
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## **Educational Sessions**

## **Educational Session 1 Biobanking: A Tricky Endeavor**

Constitution Ballrooms A/B

Chairperson: Peter G. Shields, Georgetown University Medical Center, Washington, DC

Developing and using biorepositories that lead to impactful science provides numerous challenges, more so when focusing on cancer-related health disparities. This session will provide the audience with information about challenges in consenting subjects and establishing repositories (including with community participation) and best practices for collection and usage.

Introduction

Peter G. Shields

Overview of biorepository best practices [ED01-01]\* Jimmie B. Vaught, National Cancer Institute, Bethesda, MD

Biospecimen management: Special considerations for minority populations

Nicole C. Lockhart, National Cancer Institute, Bethesda, MD

Collecting blood biospecimens from Asian American communities through trust and informed consent [ED01-03]\*

Julie H.T. Dang, University of California Davis Cancer Center, Sacramento, CA

Sunday, September 18 1:00 p.m.-2:30 p.m.

## **Educational Session 2 How Do We Measure Disparities and Assess Progress?**

Constitution Ballrooms C/D/E

Chairperson: Sam Harper, McGill University, Montreal, QC, Canada

Conceptual and methodological issues on measuring progress

Sam Harper

How we measure and track health disparities in the Healthy People 2010 Final Review [ED02-02]\* Makram Talih, Centers for Disease Control and Prevention/National Center for Health Statistics, Hyattsville, MD

Measuring disparities by level of education and insurance status

Elizabeth M. Ward, American Cancer Society, Atlanta, GA



## **Educational Sessions**

**Educational Session 3 Epigenome: Tools and Technologies** 

Constitution Ballrooms A/B

**Chairperson: Bernard Kwabi-Addo,** Howard University, Washington, DC

DNA methylation is an important mechanism of transcriptional regulation in normal and cancer cells. Advances in high-throughput technologies enable comprehensive analysis of DNA methylation at the whole genome level. In this session, we will focus on approaches for genome-wide analysis of DNA methylation and strategies to identify epigenetic DNA methylation signatures for individuals belonging to different ethnic groups. We will also focus on the quantification and validation of novel DNA methylated genes using technologies including bisulfite pyro-sequencing. Finally, we will discuss research technologies used in predicting methylated changes as potential biomarkers in disease prediction.

Validation and quantitation of DNA methylation changes [ED03-01]\*

Bernard Kwabi-Addo

Approaches for genome-wide analysis of DNA methylation

**Srinivasan Yegnasubramanian,** Johns Hopkins University, Baltimore, MD

Tools for analysis of genome-wide methylation data: An application to prostate cancer [ED03-03]\* **Joseph M. Devaney,** George Washington University, Washington, DC

Developing molecular markers for solid tumor detection and the promise of epigenetic therapy [ED03-04]\*

**Malcolm V. Brock,** Johns Hopkins University School of Medicine, Baltimore, MD

Sunday, September 18 2:45 p.m.-4:15 p.m.

Educational Session 4
Perspectives on Race:
The RACE Project

Constitution Ballrooms C/D/E

**Chairperson: Yolanda Moses,** University of California, Riverside, CA

"RACE: Are We So Different?" is a project of the American Anthropological Association, which was developed in collaboration with social and biological scientists in order to educate the public and researchers on current understanding and controversies concerning race and racism. The project includes an exhibit, which is currently on display at the Smithsonian Institute. Key concepts in the display include the nature of race/ethnicity, social determinants vs. genomic/genetic determination of racial categorization, the impact of racial categorization upon health disparities, and the impact of genomics upon cancer health disparities.

Overview of The RACE Project **Yolanda Moses** 

Are we moving beyond race in clinical care? [ED04-02]\*

**Vence L. Bonham,** National Institutes of Health, Bethesda, MD

Genetic variation among populations [ED04-03]\* **Kenneth K. Kidd,** Yale University School of Medicine, New Haven, CT

Perspectives on the production of race and cancer disparities [ED04-04]\*

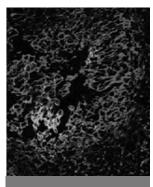
Juliet McMullin, University of California,
Riverside, CA



Sunday, September 18 Sunday,

<sup>\*</sup>An extended abstract for this presentation is available in the Invited Abstracts section of this book. (The abstract number is listed in brackets.)





18 Sunday,

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**Opening Plenary Session** 

Sunday, September 18 7:00 p.m.-8:15 p.m.

Constitution Ballrooms C/D/E

#### Welcome

William G. Nelson, Conference Chairperson

Second Annual AACR Distinguished Lecture on the Science of Cancer Health Disparities Supported by Susan G. Komen for the Cure®
Closing the Knowledge Disparity Gap:
From Molecular Mechanisms to Interventions and Back



Olufunmilayo I. Olopade, M.D., F.A.C.P.

Walter L. Palmer Distinguished Service Professor of Medicine and Human Genetics Associate Dean for Global Health University of Chicago Medical Center Chicago, IL

Dr. Olufunmilayo Falusi Olopade is honored for her leading work in the study of breast cancer genetics in women. Dr. Olopade graduated with distinction from the University of Ibadan College of Medicine in Nigeria and completed her residency training in internal medicine at Cook County Hospital where she also served as Chief Resident. Trained broadly in clinical hematology/oncology and cancer genetics at The University

of Chicago, Dr. Olopade's research has focused on understanding familial forms of cancer. Her seminal observations on the genetic basis of breast cancer in young women of African ancestry in the United States and West Africa has broadened our understanding of the complex interactions of genes, lifestyle, and the environment in breast cancer causation.

As a physician and scientist, Dr. Olopade works tirelessly to translate scientific discoveries at the individual and population level into optimal interventions for women at risk of breast cancer. Dr. Olopade effectively disseminates the benefits of her work, inspires students and colleagues, and is a role model for women scientists worldwide.

A global leader in academic medicine, Dr. Olopade has received numerous honors and awards, including the American Society of Clinical Oncology Young Investigator Award, the James S. McDonnell Foundation Scholar Award, the Doris Duke Distinguished Clinical Scientist Award, and the MacArthur Foundation Genius Award.

Dr. Olopade is a member of the Institute of Medicine of the National Academies, the American Philosophical Society, and the National Cancer Advisory Board. Dr. Olopade is a Komen scholar and a fellow of the American Academy of Arts and Sciences.

## Opening Reception

Sunday, September 18 8:15 p.m.-10:15 p.m.

Constitution Ballrooms A/B

The opening reception will feature music by Julia Nixon.

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THE SCIENCE OF CANCER HEALTH DISPARITIES IN RACIAL/ETHNIC MINORITIES AND THE MEDICALLY UNDERSERVED



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## Plenary Session 1

Monday, September 19 8:00 a.m.-9:45 a.m.

## **EBV** and Cancer

Constitution Ballrooms C/D/E

Chairperson: Richard F. Ambinder, Johns Hopkins University, Baltimore, MD

New approaches to monitoring and treatment of EBV-associated malignancy **Richard F. Ambinder** 

The mechanism of Epstein-Barr virus persistent infection and the origins of associated lymphomas [PL01-02]\*

David A. Thorley-Lawson, Tufts University, Boston, MA

Molecular patterns of endemic, sporadic, and AIDS-related Burkitt's lymphoma: Clues to distinct biology of subtypes [PL01-03]\*

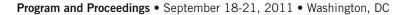
Sam M. Mbulaiteye, National Cancer Institute, Bethesda, MD

Potential for a vaccine approach to prevention of EBV-associated malignancy **Robert A. Baiocchi,** The Ohio State University, Columbus, OH



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<sup>\*</sup>An extended abstract for this presentation is available in the Invited Abstracts section of this book. (The abstract number is listed in brackets.)











19 Monday, September 19 Monday,

## **Keynote Session**

Monday, September 19 9:45 a.m.-10:45 a.m.

## **Towards a Future without Health Disparities**

Constitution Ballrooms C/D/E



Louis W. Sullivan

Former U.S. Secretary of Health and Human Services Founding Dean and First President of Morehouse School of Medicine Atlanta, GA

Over his long and distinguished career in medicine and health policy, Louis W. Sullivan, M.D., has championed efforts to overcome health disparities in the U.S. and to inspire students from minority populations to enter the scientific and health care professions. Early in his career he served as the founding dean

and first director of the Morehouse School of Medicine, the first medical school established at a Historically Black College in the 20th century. Later, as Secretary of Health and Human Services (HHS) from 1989 to 1993, Dr. Sullivan led efforts to improve the health and health behaviors of all Americans through multiple public health strategies, and he promoted increased gender and ethnic diversity in senior positions at HHS. Hear from Dr. Sullivan, who will provide an invaluable perspective on how we in America can overcome health disparities through science, a strong and diverse medical workforce, and improved health behaviors by our populations.





## Plenary Session 2

Monday, September 19 11:00 a.m.-12:45 p.m.

# Prevention of Liver Cancer: Induction of Aflatoxin Metabolism and Control of Hepatitis

Constitution Ballrooms C/D/E

Chairperson: John D. Groopman, Johns Hopkins University, Baltimore, MD

Hepatocellular carcinoma is the third leading cause of cancer death in the world and many of these cases occur in Asian, African, and Latino communities. Much is known about the etiology of this cancer and food preparation/aflatoxins and hepatitis virus infections are the issue for most of the world. Chemoprevention trials for oltipraz and sulforaphane have been conducted in rural China via U.S./China collaboration. Hepatitis B vaccination has lowered liver cancer rates in certain sites. Liver cancer is becoming a U.S. problem, principally thought to be a consequence of nonalcoholic steatohepatitis (NASH) accompanying metabolic syndrome and/or hepatitis C infection. These issues and others will be presented during this session.

Global disparities and prevention strategies in liver cancer [PL02-01]\* **John D. Groopman** 

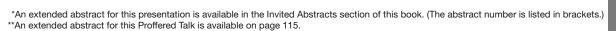
Community-centered HBV/liver cancer control interventions for Asian Americans  $[PL02-02]^*$ 

Moon S. Chen, Jr., University of California Davis Cancer Center, Sacramento, CA

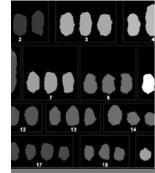
Hepatocellular carcinoma research and prevention in South Texas: The imperative\*\* **Amelie G. Ramirez,** University of Texas Health Science Center at San Antonio,
San Antonio, TX

Genes, environment, and cancer

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







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## Plenary Session 3

Monday, September 19 2:00 p.m.-3:45 p.m.

## Triple-Negative Breast Cancer in Young Underserved Women

Constitution Ballrooms C/D/E

Chairperson: Judy E. Garber, Dana-Farber Cancer Institute, Boston, MA

High-risk/triple-negative breast cancer and African ancestry [PL03-03]\* **Lisa A. Newman,** University of Michigan Comprehensive Cancer Center, Ann Arbor, MI

Biology of triple-negative breast cancer

James M. Ford, Stanford University School of Medicine, Stanford, CA

Treatment for triple-negative breast cancer: What's new?

Judy E. Garber

Warburg effect revisited: Glucose addiction in precancerous mammary epithelial cells in African American women\*\*

Victoria L. Seewaldt, Duke University, Durham, NC



<sup>\*</sup>An extended abstract for this presentation is available in the Invited Abstracts section of this book. (The abstract number is listed in brackets.)
\*\*An extended abstract for this Proffered Talk is available on page 131.

## Poster Session A

Constitution Ballrooms A/B

## **Analytical Methods**

Administrative and Large-Scale Database Methods

A1 NCI CRCHD Geographic and Biospecimen Science Management Programs (G/BMaP): An innovative approach to reducing cancer health disparities through catalyzing interinstitutional collaborations. Sarah Hijaz, Sarah Reisinger, Lucile Adams-Campbell, Steven R. Patierno.

A2 Region 4 NCI CRCHD BMaP: A team science approach towards a multistate network to reduce cancer health disparities. Mary A. O'Connell, Leticia O. Vilchis, Mai H. Oushy, Amelie G. Ramirez, Kipling J. Gallion, Alan Holden.

A3 P20 Center of Excellence – The Research Conglomerate: Using a business marketing approach in cancer health disparities research. Kymia M. Love-Jackson, B. Lee Green.

## **Bioinformatics**

**A4** Integrative genomic analysis of lung cancer: Focus on health disparities. Ana I. Robles, Ewy Mathé, Elise D. Bowman, Brid M. Ryan, Majda Haznadar, Curtis C. Harris.

## **Multilevel Analysis**

A5 Psychometric evaluation of cervical cancer literacy assessments with Black, Latina, and Arab women. Karen Patricia Williams, Thomas N. Templin.

## Statistical and Epidemiological Models

A6 A global sensitivity test for evaluating hypotheses with non- and weakly identifiable statistical models: An application to breast cancer outcomes. David Todem, Guanqun Cao, Lijian Yang, Jason P. Fine.

Monday, September 19 3:45 p.m.-6:15 p.m.

## **Behavioral and Social Science**

Alcohol, Tobacco, and Substance Abuse

A7 Young adult cancer survivors and substance abuse: Results from the U.S. National Health Interview Survey, 1997-2009. Tainya C. Clarke, Alberto J. Caban-Martinez, Manuel A. Ocasio, John Clark, Diana Kachan, Kristopher L. Arheart, David J. Lee

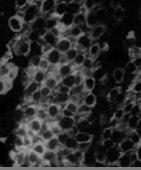
#### **Cancer Communications**

A9 Patients' perspectives on immunochemical fecal occult blood test (I-FOBT or FIT): Not your father's FOBT. Jamila Ealey, Cathy D. Meade, Clement K. Gwede, Gwendolyn Quinn, Rania Abdulla, Susan Vadaparampil, Ji-Hyun Lee, David Shibata, Richard Roetzheim, Gloria Elliott, Diana Lopez.

A10 Formative research with Hispanic migrants and health care providers related to the HPV vaccine. John S. Luque, Swati Raychowdhury, Mary Weaver

A11 Health information needs and predictors of cancer screening status among patients with limited health literacy. Eboni G. Price-Haywood, Jewel Harden-Barrios, Lisa A. Cooper.

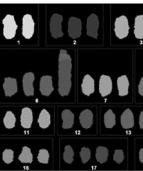
A12 Explicit and implicit relevance in the coverage of chronic disease prevention in Spanish-language morning news programming. Shauna M. Harrison, Katherine C. Smith, Ann C. Klassen.



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## Poster Session A

Constitution Ballrooms A/B

## **Community-based Interventions**

- A13 Evaluation of the culturally and linguistically tailored liver cancer education program for Asian Americans in Maryland. Miho Tanaka, Hee-Soon Juon.
- A14 Esperanza y Vida: A community-based approach to increasing breast and cervical cancer screening for immigrant Latinas. Lina Jandorf, Linda Thelemaque, Deborah O. Erwin.
- A15 Educating minorities in a nonprofit organization with limited funding and staff. Jose Mendoza Silveiras, Jasmine Greenamyer.
- A16 Development of a community-based intervention for human papillomavirus vaccine education in the San Diego Latino/a community. Olga Sanchez, Jessica Barnack-Tavlaris, Luz Garcini, Irma Hernandez, Guille Coronado, Ana Navarro.
- A17 Prostate cancer screening of African American men aged 40-75 in Jefferson County, Arkansas. Sederick Rice, Felicia Taylor, Torrence William, Letha J. Mosley, Michelle R. Smith, Helen Baldwin.
- A18 Cancer patient navigation in the unique social and health care environment of Appalachia: Results from the Appalachia Community Cancer Network (ACCN). Eugene Lengerich, Betsy Aumiller, Marcy Bencivenga, Christopher J. Louis, Linda Fleisher, Electra Paskett, Mark B. Dignan.
- A19 Development and pilot testing of a culturally appropriate intervention on biospecimen research among Chinese Americans. Wanzhen Gao, Grace X. Ma, Yin Tan, Carolyn Y. Fang, Zi Ai Zhang, Philip Lai.
- A20 HPV and HPV vaccine education intervention: Effects on parents, healthcare staff, and school staff. Paul L. Reiter, Brenda Stubbs, Catherine A. Panozzo, Dianne Whitesell, Noel T. Brewer.

Monday, September 19 3:45 p.m.-6:15 p.m.

- A21 The Kin Keeper<sup>SM</sup> Intervention: Multiple interventions may be necessary to generate permanent increases in cancer literacy. Charles K. Lee, Karen Patricia Williams.
- A22 The Kin Keeper<sup>SM</sup> Intervention: Women move beyond psychological barriers to Pap screening. Julie I. Williams, Charles K. Lee, Karen Patricia Williams.
- A24 Does patient navigation improve time to diagnostic resolution of abnormal mammograms among depressed urban women? Andrea C. Kronman, Ignacio I. De La Cruz, Karen M. Freund, Tim Heeren, Tracy A. Battaglia.
- A25 Patient Navigation Research Program: Time to diagnostic resolution. Tracy A. Battaglia, Karen M. Freund, Sharon Bak, Richard L. Kalish, A. Patrick Egan, Tim C. Heeren, Barbara Lottero, James Taylor, Nisha Thakrar, Stephen M. Tringale.
- A26 Developing a network of community research councils to promote and facilitate clinical prevention trial participation in medically underserved populations. Atalie Ashley-Gordon, Kevin Sneed, Julie Baldwin, Maisha Kambon Standifer.
- A27 Using community theater to educate the underserved about cancer screening and prevention. Donna Rochon, Lidia Porto, Robert McLaughlin, Vicki Waters, Luis Rustveld, Maria L. Jibaja-Weiss.
- A28 Increasing the contribution of blood biospecimen collection by Hmong Americans: An empirically and literature-informed intervention. Julie H.T. Dang, Dao Fang Moua, Moon S. Chen.



## Poster Session A

Constitution Ballrooms A/B

#### **Decision Making**

**A29** Understanding black women's response to cancer clinical trials. Desiree Rivers, Candace D. Sibley, Susan Vadaparampil, Tuya Pal, Gwendolyn Quinn.

A30 Evaluating Spanish audiovisual materials about cancer clinical trials: Improving awareness among Hispanic patients and families. Gwendolyn Quinn, Kristen Wells, Teresita Antonia, Prado Antolino, Natalia Lopez, Luis Gonzalez, Melissa Alsina.

A31 A patchwork of life: A bilingual breast cancer treatment patient decision aid targeted at medically underserved women. Luis Rustveld, Maria Jibaja-Weiss.

A32 Implementing a breast cancer treatment patient decision aid in a medically underserved population in Texas. Luis Rustveld, Maria Jibaja-Weiss.

A33 African American men's perceptions of the informed decision making process for prostate cancer screening: Implications for design and development. Brian M. Rivers, Euna M. August, April Schenck, Myron Jackson, Joanna Scian, Angela Dimaggio, Gwen Quinn.

## Diffusion and Dissemination Research

A35 Challenges to disseminating evidence-based research in real-world settings: Training African American peers as patient navigators for colon cancer screening. Jamilia R. Sly, Lina Jandorf, Rayhana Dhulkifl, Diana Hall, Adam Goodman.

A36 The relationship between modifiable environmental risk factors and colorectal cancer: A systematic review. Jeavana Sritharan, Ken McFarlan, Otto Sanchez.

Monday, September 19 3:45 p.m.-6:15 p.m.

## **Genetic Testing and Counseling**

A37 Efficient identification of low-income women at high risk for hereditary breast cancer and referral to genetic counseling. Galen Joseph, Susan Stewart, Robin Lee, Celia Kaplan, Judith Luce, Titas Marquez, Sharon Davis, Rena J. Pasick.

A38 Are breast cancer screening patients with family cancer history directed to genetic counseling/testing? Christine B. Weldon, Julia R. Trosman, Danielle M. Dupuy, Betty Roggenkamp, Pamela Ganschow, Julian C. Schink, Anne Marie Murphy.

A39 The consortium of underserved BRCA testers: A multisite collaboration to study underserved families at risk of hereditary breast and ovarian cancer. Mary S. Beattie, Christina Seelaus, Rachel Farrell, Lorraine Trim, Sam Del Pozo, Judith Luce, Pamela Ganschow, Sheryl Gabram-Mendola, Adrienne Wilson, Julia Fehniger, Galen Joseph, Robin Lee, Kate Loranger, Christine Stanislaw.

A41 Does medical mistrust influence black women's participating in BRCA 1/2 genetic counseling and testing? Vanessa D. Sheppard, Darren Mays, Kenneth Tercyak.

## **Health Education**

A43 Comparison of colorectal cancer perceptions among two different predominantly Hispanic community populations. Norma P. Fernandez, Navkiran Shokar, Laura Guillen-Gomez, Osvaldo F. Morera.

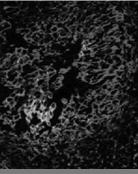
A44 Feasibility study for technology-based cancer education for Latina women from an agricultural community. Laura E. Barnes, Maria Rivera, Cathy D. Meade, Sara K. Proctor, Liliana M. Gutierrez, Kristen J. Wells.



19 Monday, September 19 Monday,







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## Poster Session A

Constitution Ballrooms A/B

#### **Biomarkers**

#### **Biomarkers of Premalignant Lesions**

A45 Molecular targets in early detection and differentiation of inflammatory bowel disease associated colon-rectal-anal cancer disparities. Joan C. Smith, Richard M. Caprioli, Samuel E. Adunyah, Amosy E. M'Koma, Michael W. Schäffer, Roland S. Cooper, Derrick J. Beech, Steven N. Wolff, Erin H. Seeley, Harold L. Moses, Billy R. Ballard.

## Biomarkers of Risk and Surrogate Endpoints

A46 Genomic ancestry is associated with risk group and survival in children with neuroblastoma. Navin R. Pinto, Eric R. Gamazon, Anuar Konkashbaev, Nancy J. Cox, M. Eileen Dolan, Sharon J. Diskin, Wendy B. London, Marcella Devoto, John M. Maris, Susan L. Cohn.

#### **Novel Technologies**

A47 Prostate biopsy tissue print technologies: A practical and innovative approach to overcoming racial disparities in the datasets used for prostate cancer biomarker development. Sandra M. Gaston, Gary P. Kearney, William E. Grizzle.

## **Cancer Treatment and Outcomes**

## **Drug Design, Discovery, and Delivery**

A48 Cost-effective topical delivery of chemotherapy to treat cervical dysplasia and prevent progression to HPV-associated cervical cancer in the low-resource setting. Stephen I-Hong Hsu, Michael Wood, Edward J. Wilkinson.

Monday, September 19 3:45 p.m.-6:15 p.m.

**A49** Multifunctional nanocarriers against cervical cancer. Mary R. Saunders, David J. Olivos, Ryan G. Lim, Lorenzo Berti, Kit S. Lam.

**A50** Targeting nanotherapeutics for breast, ovarian, and prostate cancer. David John Olivos, Mary R. Saunders, Laura Ramirez, Nicholas Banford, Julie-Marie Quattrocchi, Kit S. Lam.

## Late Effects/Survivorship

A51 Postsurgery survival improvement of breast cancer in a community hospital in New York City during the periods 1997-2004 vs. 2005-2010. Awinder P. Singh, Hua Wang, Aleem Surani, Gina M. Villani, Marcia A. Chung, Dongsheng Cai, Alan R. Go, Peter J. Pappas.

A52 A pilot study to examine patient awareness and provider discussion of the impact of cancer treatment on fertility in a registry-based sample of African American women with breast cancer. Juliette Christie, Tuya Pal, Gwendolyn Quinn, Patrice Fleming, Caitlin Stowe, Bethanne Bower, Susan Vadaparampil.

**A53** Disparities in health information needs among long-term cancer survivors. Erin E. Kent, Neeraj K. Arora, Keith M. Bellizzi, Noreen M. Aziz, Ann S. Hamilton, Ingrid Oakley-Girvan, Julia H. Rowland.

A54 Significant survival improvement of colorectal cancer following surgery from 1997-2004 to 2005-2010 periods in a community hospital in New York City. Hua Wang, Peter J. Pappas, Awinder P. Singh, Zhong Wang, Aleem Surani, Wess Cohen, Larry Griffith, Dongsheng Cai, Armand P. Asarian.

A55 Racial differences in colorectal cancer surveillance in South Carolina. Marvella E. Ford, Nestor F. Esnaola, Chris Finney, Katherine R. Streba, Melanie S. Jefferson, Kent Armeson, Jane G. Zapka.



## Poster Session A

Constitution Ballrooms A/B

Proteomics, Chemogenomics, and Chemoinformatics

A57 Distinctive phosphoprotein profiles in a benign breast tissue, and triple-negative primary and metastatic breast cancer tissues from the same African-American woman by LC-LTQ/FT-ICR mass spectrometry. Suzan M. Semaan, Xu Wang, Paul A. Stewart, Alan G. Marshall, Qing-Xiang Amy Sang.

life, distress levels and self efficacy in Latinas
with breast cancer. Larisa Caicedo, Karlynn

Animal Mod
BrintzenhofeSzoc, James Zabora, Claudia Campos,

BrintzenhofeSzoc, James Zabora, Claudia Campos, Marcela Blinka, Florencia Gonzalez, Lynne McIntyre.

A58 Impact of Nueva Vida's model on quality of

A59 Sociodemographic predictors for poor quality of life among urban minority oncology patients. Trevor Lee, Dana Massie, Abraham Aragones, Jennifer Leng, Julia Ramirez, Francesca Gany.

#### **Second Cancers**

**Quality of Life** 

A60 Second primary breast cancer incidence rates among black and white female breast cancer survivors. Hala Nsouli-Maktabi, Donald E. Henson, Naji Younes, Heather A. Young, Sean D. Cleary.

#### Other

**A61** Modulation of proteasome expression in dendritic cells and melanoma cells. John L. Robinson, Amy Mackay, Shari Pilon-Thomas.

Monday, September 19 3:45 p.m.-6:15 p.m.

A62 Secular trends and disparity of adjuvant hormone therapy use for ductal carcinoma in situ: National Cancer Data Base, 1998-2007. Ningqi Hou, Katharine Yao, David J. Winchester, Nora Jaskowiak, David P. Winchester, Dezheng Huo.

A63 Outcome disparities in high-grade soft tissue sarcomas: A comprehensive cancer center's experience. Valerae O. Lewis, Amalia M. DeComas, Sijin Wen, Patrick P. Lin, Bryan S. Moon, Robert L. Satcher, Raphael E. Pollock, Peter F. Thall.

## Carcinogenesis

#### **Animal Models of Carcinogenesis**

A64 The development of novel cell culture models and preclinical models of lymphangioleiomyomatosis. Tasha A. Morrison, Jane Yu, Elizabeth P. Henske.

## **DNA Damage and Repair Mechanisms**

A65 RNF8: The molecular modulator of breast cancer aggressiveness. Iván Anduro-Corona, Luis Enrique Gutiérrez-Millán, Julie Buckmeier, Giovanna Cruz, María Elena Martínez, Melissa Bondy, Patricia Thompson.

#### **Tumor Promotion and Progression**

A66 βarrestin2 contributes to aggressive tumor growth in African American prostate cancer cells. Ariel J. Thomas, Elizabeth J. Akins-Rivers.



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# Poster Session A Constitution Ballrooms A/B

# Epidemiology, Lifestyle, and Genetics

## Familial and Genetic Epidemiology

**A67** IL-16 variants associated with prostate cancer risk in African Americans. Ken Batai, Erin Beisner, Ebony Shah, Lauren Castaneda, Demetria Smith, Adam Murphy, Rick A. Kittles.

A68 Familial colorectal cancer registry in Hispanics: A feasibility study. María Eugenia Lozada, Raúl Bernabe-Dones, Reynold López-Enriquez, Robert Haile, Rafael Mosquera-Fernández, Marcia R. Cruz-Correa, Yaritza Díaz-Algorri, Delma Acosta, Cristina Nuñez, Edwin Rosado, Mariela Torres-Cintrón, Nayda Figueroa-Vallés, Alberto Cardona, Mercedes Lacourt-Ventura.

A69 Identification of prostate cancer genes in the African American Hereditary Prostate Cancer (AAHPC) study. Luisel J. Ricks-Santi, Tshela Mason, Muneer Abbas, Georgia M. Dunston, Supraja Kolluri, Bert Gold, Kate Im, James Lautenberger, Michael Dean, Joan Bailey-Wilson, John Carpten, Chiledum Ahaghotu.

A70 Chemokine-associated genetic variants as predictors of prostate cancer outcomes among men of African descent. LaCreis R. Kidd,
Dominique Jones, Camille Ragin, Maria Jackson,
Norma McFarlane-Anderson, Rafael Flores-Obando,
Kevin Kimbro.

A71 BRCA mutations and surgical decision making in a sample of young black women with invasive breast cancer. Patrice J. Fleming, Susan T. Vadaparampil, Devon Bonner, Alvaro N. Monteiro, Lisa Kessler, Robert Royer, Steven Narod, Tuya Pal.

## **General Epidemiology and Biostatistics**

A72 Occupational sunlight exposure, race, and risk of renal cancer. Sara Karami, Mark P. Purdue, Joanne S. Colt, Kendra Schwartz, Lee E. Moore, Patricia A. Stewart, Faith G. Davis, Julie J. Ruterbusch, Wong-Ho Chow, Sholom Wacholder, Barry I. Graubard.

Monday, September 19 3:45 p.m.-6:15 p.m.

A73 Improving colorectal cancer surveys for New Mexico Hispanics. Melissa Gonzales, Maria Otero. Richard Hoffman.

A74 A dichotomy between the risk and histology in bladder cancer among blacks and whites: An epidemiological study. Michael J. Paskow, Donald E. Henson, Heather A. Young, Steven R. Patierno.

A75 Preexisting kidney disorders and risk of renal cell carcinoma: Results from a population-based case-control study of Caucasians and African Americans. Jonathan N. Hofmann, Kendra Schwartz, Wong-Ho Chow, Julie J. Ruterbusch, Nathaniel Rothman, Sholom Wacholder, Joanne S. Colt, Mark P. Purdue.

A76 Cervical cancer survival in Puerto Rico: Disparities by health care coverage. Yomayra Otero, Karen J. Ortiz-Ortiz, Mariela Torres, Javier Perez, Nayda Figueroa, Ana P. Ortiz.

A77 Impact of cancer status on survival of persons living with AIDS in Puerto Rico. Ana Patricia Ortiz, Marievelisse Soto-Salgado, Javier Perez, Erick L. Suarez, Naydi Perez, Maritza Cruz, Sandra Miranda, Joel Palefsky, Guillermo Tortolero-Luna, Vivian Colón.

## **Neighborhood Factors**

A78 Cancer in Hinkley: What was the real problem? John W. Morgan, Mark E. Reeves.

A79 Socioeconomic status, health care density, and risk of prostate cancer among African-American men in a large prospective study. Jacqueline M. Major, M. Norman Oliver, Chyke A. Doubeni, Barry I. Graubard, Rashmi Sinha.



## Poster Session A

Constitution Ballrooms A/B

Obesity, Metabolism, and Cancer

A80 Parity and obesity in Mexican and Mexican-American women: Findings from the Ella Binational Breast Cancer Study. Erika Pond, Patricia Thompson, María E. Martínez, Betsy C. Wertheim, Giovanna Cruz, Adrian D. Navarro, Ian Komenaka, Mercedes Meza, Luis Enrique Gutiérrez, Melissa Bondy, Elizabeth B. Jacobs.

## **Physical Activity and Energy Balance**

A81 Physical activity and survival in long-term Hispanic and non-Hispanic white breast cancer survivors. Christina Pinkston, Richard Baumgartner, Kathy B. Baumgartner.

#### Race, Admixture, and Ethnicity

**A82** Understanding disparities in acute leukemia: A national study. Manali I Patel, Yifei Ma, Beverly Mitchell, Kim Rhoads.

A83 Survival in Puerto Rican Hispanics, non-Hispanic whites, non-Hispanic blacks, and U.S. Hispanics with colorectal cancer: A five-year analysis. Marcia R. Cruz-Correa, Mercedes Lacourt-Ventura, Nayda Figueroa, Anneliese Vélez-Pérez, Jean Pierre Betancourt-González, Mariela Torres-Cintrón, Javier Pérez-Irizarry, Yaritza Díaz-Algorri, María Eugenia Lozada, Alberto Cardona, Raúl Bernabe-Dones.

A84 Race, neighborhood socioeconomic characteristics, and *Helicobacter pylori* sero-prevalence. Meira Epplein, Sarah Cohen, Jennifer Sonderman, Wei Zheng, Qiuyin Cai, Scott Williams, William J. Blot, Lisa B. Signorello.

A85 Age-specific racial disparity of survival between African Americans and whites in breast cancer for postsurgery patients: A retrospective study from a community hospital in New York City. Hua Wang, Awinder P. Singh, Aleem Surani, Gina M. Villani, Serena St. Luce, Dongsheng Cai, Alan R. Go, Peter J. Pappas.

Monday, September 19 3:45 p.m.-6:15 p.m.

A86 Investigation into racial/gender disparities in postsurgery survival of colorectal cancer: A retrospective study from a community hospital in New York City. Awinder P. Singh, Hua Wang, Zhong Wang, Aleem Surani, Jun Yong Kim, Larry Griffith, Dongsheng Cai, Armand P. Asarian, Peter J. Pappas.

A87 Do combinations of similar prognostic factors have similar effect on breast cancer survival in blacks and whites? Xiaoxiao Lu, Donald Henson, Heather Young, Steven R. Patierno.

A88 Ancestry informative markers associated with prostate cancer in African

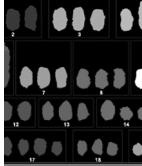
Americans. Bradford D. Wilson, Luisel J. Ricks-Santi, Tshela Mason, Victor Apprey, George Bonney, Georgia M. Dunston, Rick A. Kittles.

A89 Examination of ancestral informative markers and self-reported race with tumor characteristics of breast cancer among black and white women. Kerryn W. Reding, Christopher S. Carlson, Kathleen E. Malone, Christina T. Chen, David R. Doody, India Ornelas, Chu Chen, Kimberly Lowe, Linda Weiss, Michael Simon, Brian Strom.

A90 Redefining access: A mixed-methods approach to evaluating access to appropriate cancer services for underserved limited English-proficient populations. Kim Hanh Nguyen, Tsang Icarus, Rena Pasick.

## Stress

A91 Does psychosocial stress play a role in the etiology of aggressive breast cancer? A cross-sectional study. Garth H. Rauscher, Umaima AL-Alem, Richard B. Warnecke.



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## Poster Session A

Constitution Ballrooms A/B

#### **Other Risk Factors**

**A93** Correlates of total testosterone and testosterone deficiency in African American men. Adam B. Murphy, Yaw Nyame, Brian Kelley, Chiledum A. Ahaghotu, Rick A. Kittles.

A94 Assessment of Westernization in Mexican women with breast cancer. Jesse Nodora, Scott Carvajal, Rebeca Robles, Francisco Paez Agraz, Mercedes Meza, Adrian Daneri, Luis Enrique Gutierrez, Maria Elena Martinez.

# Health, Economics, Outcomes, and Policy Research

## **Healthcare Systems**

A96 Breast cancer screening resources and early-stage diagnosis in Appalachia: A geospatial perspective. Nengliang (Aaron) Yao, Marianne Hillemeier, Roger Anderson.

A97 An analysis of diversity based on race and ethnicity in the radiation oncology workforce. Christina H. Chapman, Curtiland Deville.

A98 Physician social networks and variation in prostate cancer treatment in three cities. Craig Evan Pollack, Gary Weissman, Justin Bekelman, K.J. Liao, Katrina Armstrong.

A99 Racial disparities in receipt of prostatectomy from a high-volume urologist: The role of diagnosing urologists and doctor changing. Craig Evan Pollack, Justin Bekelman, Andrew J. Epstein, K.J. Liao, Yu-Ning Wong, Katrina Armstrong.

A100 Timely follow-up after an abnormal breast and cervical cancer screening among underserved, urban women in a patient navigation program. Talar Markossian, Elizabeth Calhoun, Julie Darnell.

Monday, September 19 3:45 p.m.-6:15 p.m.

A101 Quality improvement as a tool to reduce health outcomes disparities in breast cancer: The Chicago Breast Cancer Quality Consortium as a model. Anne Marie Murphy, Danielle Dupuy, Jennifer Orsi, Garth Rauscher.

# Health Economics, Policy, and Outcomes

A103 Disparities in time-to-diagnosis and timeto-treatment of breast cancer in four Appalachian states. Christopher J. Louis, Nengliang Yao, Marianne Hillemeier, Roger Anderson, Tareq Fabian Camacho.

A104 The impact of insurance instability and care after abnormal cancer screening. Karen M Freund, Amresh Hanchate, Alexis P. Isabelle, Alok Kapoor, Sharon Bak, Marc Flore, Rebecca Grochow, Swati Shroff, Tracy A. Battaglia.

## **Treatment Factors and Outcomes**

A105 Application of national guidelines diminishes racial disparities in end-of-life cancer care. Laura K. Austin, Delinda Pendleton, Fang Zhu, Paul Engstrom, Michael Levy, Ramona F. Swaby.

A106 Patient, provider, protocol, and health systems barriers to cancer clinical trial accrual at an academic medical center: Identifying interventions to increase representation of racial/ethnic minorities. James Ward, Blase Polite.

A107 Income disparities in the receipt and adherence to adjuvant hormonal therapy in a cohort of young estrogen receptor positive breast cancer cases. Jean A. McDougall, Christopher I. Li.

A108 Racial/ethnic disparities in prostate cancer treatment persist. Heather Orom, Alicia Brasel, Willie Underwood.





## Plenary Session 4

Tuesday, September 20 8:00 a.m.-9:45 a.m.

# Cancer Screening: Multilevel Challenges in Vulnerable Populations

Constitution Ballrooms C/D/E

Chairperson: Stephen H. Taplin, National Cancer Institute, Bethesda, MD

Glass, Zapka, and Warnecke have each proposed multilevel conceptualizations of health and health disparities. While the details of each approach differ, the basic idea is the same: that health is affected by nested levels of factors that interact with each other in complex ways. Biologic differences may explain individual differences in vulnerability and responses to therapy, but those differences are also affected by individual differences in behavior and culture, and those differences in turn affect and are affected by how individuals interact with providers and the health care system. In this session we will present successes and challenges for cancer screening in underserved populations from a multilevel perspective. Speakers will consider biologic, individual, provider, organizational, and community influences upon disparities in cancer screening implementation and outcomes.

Introduction: A multilevel perspective on cancer screening **Stephen H. Taplin,** National Cancer Institute, Bethesda, MD

Efficacy of PSA screening for prostate cancer: A case control study of Caucasian and African American Medicare beneficiaries [PL04-02]\*

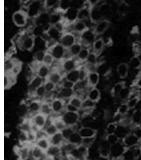
Paul A. Godley, University of North Carolina at Chapel Hill, Chapel Hill, NC

Individuals and cancer screening: Family and community influences upon colorectal cancer screening in Arizona

Maria Elena Martinez, University of Arizona, Tucson, AZ

Population impact: Using modeling to evaluate contributions of screening, treatment, and biology on disparities in breast cancer outcomes [PL04-04]\*

**Jeanne Mandelblatt,** Georgetown Lombardi Comprehensive Cancer Center, Washington, DC



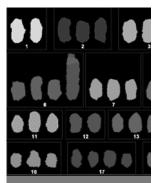
20 Tuesday, September 20 Tuesday,

<sup>\*</sup>An extended abstract for this presentation is available in the Invited Abstracts section of this book. (The abstract number is listed in brackets.)









20 Tuesday, September 20 Tuesday,

## Poster Session B

Constitution Ballrooms A/B

## **Behavioral and Social Science**

# Community-based Participatory Research

- B1 Dissemination of colorectal cancer screening by Filipino American community health advisors: A feasibility study. Annette E. Maxwell, Leda L. Danao, Roshan Bastani.
- B2 Applying audience response systems in community-based research. Jenna L. Davis, Kara E. McGinnis, Margaret L. Walsh, Coni Williams, B. Lee Green, Kevin Sneed, Deanna Wathington, Maisha Standifer, Julie Baldwin.
- B3 A novel participatory approach to increasing colon cancer screening in community health centers. Aimee James, Jean Wang, Kristen Massey, Graham Colditz.
- B5 Region Five GMaP/BMaP Network:
  Preliminary findings from the comprehensive
  needs assessment principal investigator
  survey. Linda Fleisher, Carrie Norbeck, Melissa
  Simon, Erika de la Riva, Venk Kandadai, Anthony
  Giannoumis, Stacy N. Davis, Delroy Louden, Julian
  Schink, Robert Beck.
- B6 Region Five GMaP/BMaP Network:
  Preliminary findings from the comprehensive
  needs assessment biospecimen facility
  survey. Melissa A. Simon, Julian C. Schink, Erika E.
  de la Riva, Linda Fleisher, Carrie Norbeck, Venk
  Kandadai, Stacy N. Davis, Raymond Bergan, Robert
  Beck, Delroy M. Louden.
- B7 Community-based physical activity and impacts on health disparities for men of color. Sanford E. Jeames, Sarah Witkowski.

Tuesday, September 20 9:45 a.m.-12:15 p.m.

- communities: Using community-based participatory research to evaluate biobanking educational materials. Kristen J. Wells, Francisco A. Montiel-Ishino, Shalanda A. Bynum, Juan S. Luque, Clement K. Gwede, Shalewa A. Noel-Thomas, Ji-Hyun Lee, Cathy D. Meade, Mariana Arevalo, Gwendolyn P. Quinn, Paul Jacobsen, Dale Watson, Gloria San Miguel, Jim W. West, Carmen Reyes, Margarita Romo.
- B9 Community strategies for investigating the biology of breast and cervical cancer initiation in African-American women. Endya L. Frye, Anne Ford, LaMisha Banks, Xiomara Boyce, Stephanie Robertson, Catherine Ibarra-Drendall, Victoria Seewaldt.
- B10 Utilizing community-based participatory research and emerging technology to design a theory-based health education intervention on prostate cancer for African American men. Euna M. August, Sean Dickerson, Dawood Sultan, B. Lee Green, Richard Roetzheim, Brian M. Rivers.
- B11 Effect of patient navigation on colorectal cancer screening in a community-based randomized controlled trial of urban African American Medicare beneficiaries. Hisani N. Horne, Diane Markakis, Darcy F. Phelan, Craig E. Pollack, Jennifer Wenzel, Mary A. Garza, Gary R. Shapiro, Lee Bone, Lawrence Johnson, Jean G. Ford.
- B12 GMaP and BMaP community collaboration:
  Addressing colorectal cancer on a regional
  level. Beti Thompson, Elizabeth Klonoff, Heidi
  Harbach, Ebere Iweriebor.
- B13 Lessons learned from implementing a prostate cancer risk assessment program for underserved high-risk men: The Prostate REACH Project. Linda Fleisher, Veda N. Giri, Stacy N. Davis, Cheryl Rusten, Jerilyn Baskett, Laura Gross, Loretta Bagden, Debra Zakrzewski, Evelyn González, Venk Kandadai.





## Poster Session B

Constitution Ballrooms A/B

B14 Strengthening CBPR collaboration between Pacific Islander community and academic research partners. Anthony DeStefano, Jay Aromin, Jeany Dimaculangan, Isileli Vunileva, Sora P. Tanjasiri, Ruth Peters, Vanessa Tui`one, Lois Takahashi, Lola Sablan-Santos, Lourdes Quitugu, Joey Quenga, Brian Hui, Angelica Barrera-Ng.

## Recruitment/Retention/ Adherence Research

B15 An assessment of eligibility and enrollment into cancer clinical trials among a disadvantaged urban population. Naomi Ko, Sarah E. Caron, Tracy Battaglia.

**B16** Improving representation of diverse patients in clinical trials. Allicia Girvan, Eduardo Pennella, Susan Fox, Erin Walls, Gerson Peltz, Gerhardt Pohl, Susan Guba, Coleman Obasaju.

**B17** Challenges tracking underserved participants in a longitudinal study. Aimee S. James, Lauren D. Arnold, Jean S. Wang.

**B19** Reasons for refusal to participate in an epidemiologic study of minority women. Krystal R Sexton, Shannon N. Wiggins, Melissa L. Bondy.

#### Socioeconomic Influences

**B20** Examining measures of socioeconomic status for cancer disparities research. Elizabeth Gage.

B21 Factors associated with mammography use among foreign-born women and changes over time. Nengliang (Aaron) Yao, Marianne Hillemeier.

Tuesday, September 20 9:45 a.m.-12:15 p.m.

B23 Socioeconomic factors and correlates of prostate-specific antigen testing in urban African-American Medicare

beneficiaries. Mohammad K. Hararah, Lawrence B. Johnson, Jean G. Ford, Mary A. Garza, Hsin-Chieh Yeh, Craig Evan Pollack, Diane Markakis, Darcy F. Phelan, Jennifer Wenzel, Gary Shapiro, Lee Bone.

**B24** Lifecourse socioeconomic factors and mammographic breast density. Parisa Tehranifar, Barbara A. Cohn, Catherine A. Schaefer, Piera Cirillo, Julie D. Flom, Mary Beth Terry.

### **Stress**

B25 The role of psychosocial clusters in explaining disparities among sexual minority women. Jennifer M. Jabson, Deborah J. Bowen.

#### Other

B26 Building capacity in cancer research, training, and outreach through a Partnership to Reduce Cancer Health Disparities in Guam, Hawaii and the U.S.-associated Pacific Island jurisdictions. Carl-Wilhelm Vogel, Hali R. Robinett, Helen J.D. Whippy.

B27 The Ohio Patient Navigation Research Program (OPNRP): Does the ACS-patient navigation model improve time to resolution among patients with abnormal screening tests? Electra D. Paskett.

B28 Catering to the needs of young and older Asian American breast cancer survivors: Indepth interviews. Sunmin Lee, Grace X. Ma, Carolyn Y. Fang, Lu Chen, Oh Youngsuk.

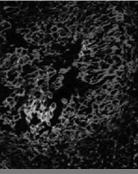
**B29** Attitudes and beliefs of college students on biospecimen collection. Ebere Iweriebor, Kate Murray, Jessica Barnack-Tavlaris, Elizabeth Klonoff.



20 Tuesday, September 20 Tuesday,







20 Tuesday, September 20 Tuesday,

## Poster Session B

Constitution Ballrooms A/B

B30 Healthcare access and use among undocumented Central American immigrant women in Houston, Texas, and its implications for cervical cancer screening. Jane R. Montealegre, Beatrice J. Selwyn, Keith Sabin, Sheryl A. McCurdy, Jan M. Risser.

## Cell, Molecular, and Tumor Biology

**Cancer Genetics/Gene Expression** 

B31 Molecular signature discriminating triplenegative breast tumors between African American and Caucasian women. Rachel Ellsworth, Lori Field, Craig Shriver.

**B32** The importance of BP1 and EMT in breast cancer of African American women. Nguyen H. Thuan, Bin-Jin Hwang, William E. Grizzle, Patricia E. Berg.

B33 Differential responses of Caucasian and African American breast cancer cell lines after EGCG and sulforaphane treatment. Tabitha M. Hardy, Trygve O. Tollefsbol.

B34 Increase in EGFR level through SLUG-induced repression of dynactin 5 in triple-negative breast cancer cells. Mukul K. Mittal, Raju Ramasamy, Gautam Chaudhuri.

B35 SLUG-induced plakoglobin gene repression in triple-negative breast cancer cells. Charvann K. Bailey, Mukul K. Mittal, Smita Misra, Gautam Chaudhuri.

B36 Development of calcitrol-resistance in triple negative breast cancer cells through SLUG-mediated coordinate repression of CYP2R1, CYP27B1 and VDR gene promoters. Shari M. Johnson, Mukul K. Mittal, Charvann K. Bailey, Smita Misra, Gautam Chaudhuri.

Tuesday, September 20 9:45 a.m.-12:15 p.m.

B37 Differential mRNA expression, microRNA regulation, and gene networks are associated with the prostate cancer disparities in African American and Caucasian American populations. Bi-Dar Wang, Ramez Andrawis, Thomas Jarrett, Harold Frazier, Steven R. Patierno, Norman H. Lee.

B39 Results of a pilot study: Identification of ethnic-specific gene expression differences in normal breast tissue. Lisa Baumbach, Carmen Gomez, B. Issac, J. Clarke, K. Ellison, M. Ahearn, M. Pegram.

B40 micro-RNA-128-regulated gene expression in head and neck squamous cell carcinoma. Belinda Hauser, Yubin Hao, Xinbin Gu, Joseph Califano.

B41 Molecular linkages between metabolic imbalance, genome stability and triple-negative breast cancer. Jung S. Byun, Tara J. Taylor, Clay Wakano, Li-jun Di, Galina Khramtsova, Olufunmilayo I. Olopade, Kevin Gardner.

B42 A comprehensive resequence-analysis of 250kb region of 8q24 in Africans. Charles C. Chung, Joseph Boland, Stephen J Chanock, Ann W. Hsing, Meredith Yeager, Edward Yeboah, Richard Biritwum, Yao Tettey, Andrew Adjei, Angelo De Marzo, George Netto.

# DNA Methylation/Epigenetics and Chromatin Regulation

B43 Early detection biomarker of pancreatic cancer using a nanoparticle-based methylation assay. Joo Mi Yi , Vasudev Bailey, Stephanie Downing, Michael Goggins, Kwang Mo Yang, Tza-Huei Wang, James Herman, Stephen B. Baylin, Nita Ahuja.



## Poster Session B

Constitution Ballrooms A/B

#### Other

B45 TRAIL sensitivity in triple-negative breast cancer cell lines from different ethnic backgrounds. Monzur Rahman, Meena Katdare, Stanly Lipkowitz.

B46 Investigating the role of  $\beta$ -arrestin-2 in prostate cancer disparity using a  $\beta$ -arrestin-2 deficient mouse model of prostate cancer. E. Joy Akins-Rivers, Nikia Smith, Ricardo M. Richardson.

## **Epidemiology, Lifestyle, and Genetics**

## **Behavioral Epidemiology**

B47 Identification of health care access factors and psychosocial correlates of cervical cancer screening among Vietnamese American women. Grace X. Ma, Carolyn Y. Fang, Wanzhen Gao, Yin Tan, Joseph An Nguyen, Ziding Feng.

B48 Health care access and breast cancer aggressiveness contribute separately to racial/ethnic disparities in stage at diagnosis. Garth H. Rauscher, Richard T. Campbell, Kathryn Weaver, Richard B. Warnecke.

**B50/PR1** Hepatocellular carcinoma research and prevention in South Texas: The imperative. Amelie G. Ramirez, Nancy S. Weiss, Alan E. Holden, Lucina Suarez, Sharon P. Cooper, Edgar Munoz, Susan L. Naylor.

**B51** Depression among Latino breast cancer survivors: A barrier to screening for colorectal and ovarian cancer. Amelie G. Ramirez, Alan E. Holden, Sandra San Miguel, Kipling Gallion.

Tuesday, September 20 9:45 a.m.-12:15 p.m.

B52 Using respondent-driven sampling to study healthcare and screening behaviors among undocumented immigrant women in the U.S. Jane R. Montealegre, Beatrice J. Selwyn, Keith Sabin, Jan Risser.

#### **Diet and Nutrition**

B53 Patterns of meat intake and risk of prostate cancer among African-Americans in a large prospective cohort of men. Jacqueline M. Major, Amanda J. Cross, Barry I. Graubard, Rashmi Sinha.

B54 Biological and environmental predictors of vitamin D status in African American and European American men in Chicago. Adam B. Murphy, Yaw Nyame, Brian Kelley, Demetria J. Smith, Lauren Castaneda, Katherine Minaya, Courtney M.P. Hollowell, Rick A. Kittles.

B55 Antioxidant intake and breast cancer survival among Hispanic and non-Hispanic white women: The New Mexico Women's Health Study. Nandita Das, Richard N. Baumgartner, Christina M. Pinkston, Kathy B. Baumgartner.

B56 An exploratory analysis of alcohol consumption and cancer-related dietary risk among low-income African American women in Washington, DC. Erin L. Mead, Ann Klassen.

#### **Exercise and Prevention**

B57 Comparing determinants of physical activity in Puerto Rican, Mexican-American, and non-Hispanic white breast cancer survivors. Daniel Hughes, Maribel Tirado-Gomez, Liliana Vallejo, Velda Gonzalez, Rose Trevino, Gabriela Villanueva, Karen Basen-Engquist.

B58 Promoting healthy lifestyle and cancer awareness through a Pacific Islander fitness day. Jonathan "Tana" Lepule, Sefa Aina.



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# Poster Session B Constitution Ballrooms A/B

## **Molecular Epidemiology**

B59 Patterns of breast cancer mortality over 10 years by tumor phenotype and Hispanic versus non-Hispanic white ethnicity. Stephanie R. Denkhoff, Kathy B. Baumgartner, Christina M. Pinkston, Dongyan Yang, Richard N. Baumgartner.

B60 Hsa-miR-27a drives an association of MBL2 3'UTR haplotype with colon cancer risk in African Americans. Majda Haznadar, Krista Zanetti, Ana Robles, Brid Ryan, Andrew McClary, Curtis Harris.

B61 Insights into lung cancer survival in African Americans from a study of germline variation in the microRNA network. Brid M. Ryan, Dillon Robinson, Kara Calhoun, Ana I. Robles, Nicola Valeri, Carlo Croce, Curtis C. Harris.

Tuesday, September 20 9:45 a.m.-12:15 p.m.

B66 Breast cancer outcomes among Hispanic women by race. Matthew Banegas, Christopher Li.

B67 Phenotype-specific role for protein kinase CK2 in luminal and basal-like breast cancer cells. Christopher Charles Williams, Michelyn C. Patton, Melody M. Campbell.

B68 The influence of primary care on breast cancer outcomes among Medicare beneficiaries. Richard G. Roetzheim, Jeanne M. Ferrante, Ji-Hyun Lee, Ren Chen, Kymia M. Love-Jackson, Eduardo C. Gonzalez, Ellen P. McCarthy.

B69 SHP2 as a novel therapeutic target for triple-negative breast cancer. Fatimah Matalka, Yehenew Agazie.

## **Organ Site Research**

#### **Breast Cancer**

B62 Beta-2 adrenergic receptor polymorphisms and risk of breast cancer among Hispanic and non-Hispanic white women: The 4-Corners Breast Cancer Study. Avonne E. Connor, Richard Baumgartner, Richard Kerber, Liz O'Brien, Shesh Rai, Marty L. Slattery, Roger K. Wolff, Anna R. Giuliano, Tim Byers, Kathy B. Baumgartner.

**breast cancer in African American women.** Heather M. Ochs-Balcom, Lara Sucheston,
Song Liu, Carolyn Hutter, Alicia Young, Ulrike Peters,

B63 ESR1 variants are not associated with

Rowan Chlebowski, Jean Wactawski-Wende.

B64 Low estrogen receptor expression level and early age of breast cancer onset are the common breast cancer features in Arab population. Mariam Al Dhaheri.

**B65** Coordinated care model to reduce rural disparities in breast cancer mortality. Sarah J. Gehlert, Courtney Beers, Graham A. Colditz.

## **Colorectal Cancer**

**B70** Race, age, and advanced stage colorectal cancer survival. Kristin Wallace, Stephanie Oppenheimer, Marvella E. Ford, Grace Williamson, Anthony J. Alberg.

**B71** Segmental analysis of colorectal cancer in California by race/ethnicity, 2001-2008. Myung Mi Cho, Kshema Nagavedu, Sumana Chenna, John W. Morgan.

#### **Gastrointestinal Cancers**

B73 The Chicago Colorectal Cancer
Consortium (CCCC), a step forward in
understanding colorectal cancer in African
Americans. Rosa M. Xicola, Molly Gagnon, Shilpa
Ravella, G.W. Douglas, James B. Rawson, Gluskin
Adam, Jennifer Brock, Gabiera Lidiane, Katy Cerye,
Tanya Bhattacharya, Reema Patel, Sidhartha
Chaudhry, Jacob Shaw, Grace Guzman, Vivek
Chaudhry, Sonia Kupfer, Josh Melson, Vincent
Freeman, Hui Xie, Carol Braunschweig, Nathan Ellis,
Xavier Llor, Gary Rodriguez, Cenk K Pusatcioglu,
Julia Clark, Amy Disharoon, Ashley Janoski, Kathryn
Morrissey, Mathryn Mraz.



## Poster Session B

Constitution Ballrooms A/B

## **Genitourinary Cancers**

B74 Essential role of Skp2 in castrationresistant prostate cancer. Zhenbang Chen.

### **Gynecological Cancers**

B75 Association of insurance status and age with stage at diagnosis among cervical cancer patients, National Cancer Database 2000-2007. Stacey A. Fedewa, Katherine S. Virgo, Priti Bandi, Debbie Saslow, Elizabeth M. Ward, Vilma Cokkinides.

#### **Head and Neck Cancers**

B76 Thyroid cancer ethnic disparity in Hawaii: BRAF mutation within the Filipino population. Shane Y. Morita, Chelestes K. Grace, Christopher A. Lum, James W. Davis.

B77/PR3 Exome sequencing of head and neck squamous cell carcinoma reveals a higher frequency of mutations in TP53 among African Americans. Rafael Guerrero-Preston, Nishant Agrawal, David Sidransky, Ryan J. Li, William H. Westra, Wayne M. Koch, Joseph A. Califano, Bert Vogelstein, Victor E. Velculescu, Nickolas Papadopoulos, Kenneth W. Kinzler.

## **Lung Cancer**

B78 Final results of a prospective observational study comparing African American and Caucasian patients receiving second-line treatment with pemetrexed for advanced nonsmall cell lung cancer (NSCLC). Eduardo Pennella, Lee S. Schwartzberg, Alex Adjei, Gerhardt Pohl, Gerson Peltz, Allicia Girvan, Katherine Winfree, Betzaida Martinez, Coleman Obasaju, Mark Walker, Edward J. Stepanski.

**B79** Disparities in access to the EGFR assay. Julie A. Lynch, Christopher S. Lathan.

Tuesday, September 20 9:45 a.m.-12:15 p.m.

**B80** Race and impact of comorbidities and time-to-care on receipt of surgery for early-stage non-small cell lung cancer. Christina D. Williams, Dawn Provenzale, Michael Kelley.

## **Other Organ Sites**

B81 Vitamin D and prostate cancer aggressiveness among African and European Americans in the North Carolina-Louisiana Prostate Cancer Project (PCaP) case study cohort. Anna Woloszynska-Read, Lili Tian, James L. Mohler, Elizabeth T. Fontham, Jeannette T. Bensen, Candace S. Johnson, Donald L. Trump.

B82 Health disparities of esophageal cancer by histological type in Puerto Rico: 2000-2004. Lorena González, Priscilla Magno, Ana P. Ortiz, Karen Ortiz-Ortiz, Graciela Nogueras, Erick Suárez.

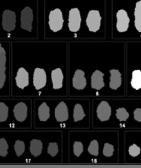
### **Prevention Research**

#### **Prevention Behaviors**

B83 Factors influencing adherence to mammography screening guidelines in Appalachian women participating in a mobile mammography program. Ami Vyas, S. Suresh Madhavan, Traci Lemasters, Elvonna Atkins, Stephenie Kennedy, Kimberly Kelly, Linda Vona-Davis, Joel Halverson, Scot Remick.

B84 What do high-risk men attending STD Clinics in Puerto Rico know about human papilloma virus? Vivian Colon Lopez, Ana Patricia Ortiz, Lizbeth Marie Del Toro Mejias, Arelis Baerga Martinez.

B85 WINCART Center: Technology and tobacco use assessment for young adult Pacific Islanders. Cevadne Lee, Melanie Sabado, Liliani Stifler, James Pike, Steven Cen, Bin Xie, Paula H. Palmer, Jonathan Lepule, Greta Briand, Linda Guevara, Victor Kaiwi Pang, Dorothy Schmidt-Vaivao, Aaron Semaia, Vanessa Tuione, Brian Hui.



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## Poster Session B

Constitution Ballrooms A/B

B86 HIV and HPV risk and prevention factors among Tongan and Chamorro young adults in Southern California: A qualitative assessment.

Anthony DiStefano, Jay Aromin, Jeany Dimaculangan, 'Isileli Vunileva, Sora P. Tanjasiri, Ruth Peters, Vanessa Tui`one, Lois Takahashi, Lola Sablan-Santos, Lourdes Quitugu, Joey Quenga, Brian Hui, Angelica Barrera-Ng.

## **Screening and Early Detection**

**B87** The effect of imaging on clinical management of breast pain. Mary Beth Howard, Tracy A. Battaglia, Karen M. Freund.

B89/PR2 Warburg effect revisited: Glucose addiction in precancerous mammary epithelial cels in African American women. Catherine Ibarra-Drendall, Chris Sistrunk, Abigail Hoffman, Ane Ford, Victoria Louise Seewaldt.

B90 Patient navigation significantly reduces delays in breast cancer diagnosis in the District of Columbia. Heather J. Hoffman, Nancy L. LaVerda, Paul H. Levine, Heather A. Young, Lisa M. Alexander, Steven R. Patierno, DC-PNRP Research Group.

B91 Strategies toward improving the uptake of colorectal cancer screening among underserved communities: Providers' perspectives. Rania Abdulla, Gwendolyn Quinn, Clement Gwede, Jamila Ealey, Susan Vadaparampil, Ji-Hyun Lee, David Shibata, Gloria Elliott, Diana Lopez, Richard Roetzheim, Cathy Meade.

B92 Patient activation increases colorectal cancer screening rates among low-income minority patients. Mira L. Katz, Benjamin Broder-Oldach, James L. Fisher, Kelly Fleming, Electra D. Paskett.

Tuesday, September 20 9:45 a.m.-12:15 p.m.

B93 Colorectal cancer screening patterns among residents living in Ohio

**Appalachia.** Electra D. Paskett, Mira L. Katz, Gregory Young, David M. Murray, Chul-joo Lee, Michael Pennell, Cathy Tatum, Janice Krieger, Michael Slater.

B94 The effect of clinic on identifying predictors of HPV co-testing with Pap in routine cervical cancer screening. Darcy F. Phelan, John K. Boitnott, Douglas P. Clark, Lisa C. Dubay, Patti E. Gravitt.

B95 In four Midwest tribes there are few significant differences in the screening adherence of higher and lower risk women. Wesley O. Petersen, Ann M. Nicometo, Robert Vierkant, Marilyn Roubidoux, Steven Haugen, Judith S. Kaur.

B96 Trends in colorectal cancer screening with home-based fecal occult blood test (FOBT) in adults aged 50-64 years, 2000-2008. Priti Bandi, Vilma Cokkinides, Robert A. Smith, Ahmedin Jemal.

B97 Potential missed opportunities for early detection with screening mammography: Does the quality of radiologist's interpretation vary by patient socioeconomic advantage/ disadvantage? Jenna A. Khan, Emily F. Conant, Garth H. Rauscher.

B99 Electronic prompting significantly increases hepatitis B screening in at-risk Asian populations. Leeyen Hsu, Christopher L. Bowlus, Susan Stewart, Tram Thanh Nguyen, Julie Dang, Moon S. Chen.

B100 Does patient navigation improve outcomes following a breast or colorectal screening abnormality? Outcomes of the Moffitt Cancer Center Patient Navigation Research Program. Kristen J. Wells, Mariana Arevalo, Ercilia R. Calcano, Ji-Hyun Lee, William J. Fulp, Cathy D. Meade, Richard G. Roetzheim.





## Poster Session B

Constitution Ballrooms A/B

B101 Cost comparison of high-risk targeted breast MRI vs. mammography in screening underserved women. Lamisha Banks, Anne C. Ford, Victoria L. Seewaldt.

B102 Salivary markers, demographic and risk factor data in head and neck cancer: Towards a new combined approach to predict head and neck squamous cell carcinoma. Lutecia H. Mateus Pereira, Isildinha Reis, Robert Duncan, Aymee Perez, Elizabeth J. Franzmann.

B103 STI clinics as venues for cancer prevention and control among women in Puerto Rico. Vivian Colón-López, Ana Patricia Ortiz, Ghiara Lugo, Josefina Romaguera, Precious Ann Ventura Fortes, Ámbar Rivera, Juan Ricardo Barrón, Alberto Grana, Ariel Tarraza, Maria D. Marrera, Verushka Vera.

**B104** Medical mistrust and cancer screening in an underserved population. Lauren D. Arnold, J. Kyle Cooper, Jean S. Wang, Aimee S. James.

B105 Potential barriers to mammography screening in Hispanic/Latino women living in the Northeast United States. Beth A. Jones, Margaret Doyle, Aracelis Torres, Inginia Genao, Stanislav V. Kasl, Hosanna Soler-Vila, Marcella Nunez Smith, Elizabeth B. Claus, Susan Nappi, Alejandra Miranda.

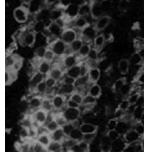
Tuesday, September 20 9:45 a.m.-12:15 p.m.

#### Vaccines and Immunoprevention

B106 Provider factors associated with HPV vaccination among low-income 9- to 17-year-old girls. Susan T. Vadaparampil, Stephanie A. Staras, Teri L. Malo, Katie Z. Eddleton, Juliette Christie, Maria Rodriguez, Anna R. Giuliano, Elizabeth A. Shenkman.

B107 Combination therapy of kidney cancer using bortezomib and natural killer (NK) cell transfer. Samuel Troy Pellom, Anshu Malhotra, Anil Shanker.

B108 Combining Notch immunostimulation and bortezomib with adoptive immunotherapy in breast cancer. Anshu Malhotra, Samuel Troy Pellom, David P. Carbone, Mikhail M. Dikov, Anil Shanker.



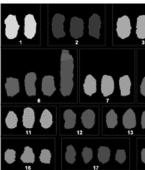
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## Special Session

Tuesday, September 20 12:45 p.m.-1:45 p.m.

# Increasing Recruitment of Minorities and the Medically Underserved for Research Studies

Presented by the Love/Avon Army of Women Constitution Ballrooms C/D/E

Chairperson: Susan M. Love, Dr. Susan Love Research Foundation, Santa Monica, CA

The panel will focus on the Love/Avon Army of Women initiative and how it serves as a viable resource for recruiting minorities and the medically underserved for translational research looking into the cause and prevention of breast cancer. Each panelist will focus on their experience using the Army of Women for their specific research study that required participation of racial/ethnic minorities and the medically underserved. Dr. Susan Love will discuss the overall vision for the initiative, some of the success stories, and the Army of Women's minority outreach efforts. Dr. Ochs-Balcom has used the Army of Women for her research study searching for new genetic risk factors for breast cancer in African American women. Dr. Arcaro has used the Army of Women for her research study to determine if breast cancer and breast cancer risk can be accurately assessed from a breast milk sample. Both researchers will discuss how the Army of Women has accelerated their research and enabled them to save money, time, and resources. Rosemarie Rogers, an advocate member of the Army of Women Scientific Advisory Committee, will discuss the importance of including racial/ethnic minorities and the medically underserved in research studies and how the Army of Women can facilitate the recruitment process.

### Panelists:

Susan M. Love

Heather M. Ochs-Balcom, University at Buffalo, Buffalo, NY

Kathleen F. Arcaro, University of Massachusetts, Amherst, MA

Rosemarie Rogers, Army of Women Scientific Advisory Committee, Santa Monica, CA







## Policy Forum 1

Tuesday, September 20 1:45 p.m.-2:45 p.m.

# The Implementation of Health Care Reform: How Does It Address Health Disparities?

Constitution Ballrooms C/D/E

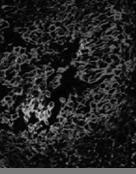
**Speaker: Caya B. Lewis,** Chief of Staff, Centers for Medicare & Medicaid Services, Baltimore, MD; former Deputy Staff Director for Health for the U.S. Senate Health, Education, Labor and Pensions Committee

The Patient Protection and Affordable Care Act (PPACA), also referred to as the health care reform legislation, included several provisions aimed at addressing and reducing health disparities in the U.S., including some related to cancer. Eighteen months after the bill was signed into law, work continues to implement these provisions and improve health care for millions of Americans, particularly in underserved communities. Hear from Ms. Caya Lewis, a former Senate staffer and now Obama Administration appointee who was intimately involved in the drafting of disparities-related provisions within the PPACA. She will provide a unique and valuable perspective on health care reform and how it is seeking to improve access to preventive and coordinated care for minority populations, as well as increase diversity and cultural competency among health practitioners.



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## Plenary Session 5

Tuesday, September 20 2:45 p.m.-4:30 p.m.

# Tobacco: Still the Dominant Global Health and Disparities Threat

Constitution Ballrooms C/D/E

Chairperson: Roy S. Herbst, Yale Comprehensive Cancer Center, New Haven, CT

Despite the clear evidence that tobacco use causes many types of cancer and myriad other diseases, tobacco use remains the world's leading cause of premature death. Sadly, the enormous burden of tobacco use disproportionately affects certain population groups. Disparities are apparent throughout the entire tobacco continuum from initiation of use and smoking behavior to efficacy of and access to cessation treatments and success in quitting to the resulting health consequences such as cancer. Understanding the role of tobacco use in cancer health disparities is critical to developing approaches that will help target vulnerable populations with more effective interventions.

An overview of the global tobacco epidemic [PL05-01]\* **Michele Bloch,** National Cancer Institute, Rockville, MD

Tobacco use and cancer disparities: An AACR perspective

Roy S. Herbst

Tobacco-related disparities and the Family Smoking Prevention and Tobacco Control Act [PL05-03]\*

Cathy Backinger, U.S. Food and Drug Administration, Rockville, MD

Global tobacco inequalities: Role of communication, marketing, and promotion **K. Vish Viswanath,** Dana-Farber Cancer Institute, Boston, MA

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\*An extended abstract for this presentation is available in the Invited Abstracts section of this book. (The abstract number is listed in brackets.)





## Plenary Session 6

Tuesday, September 20 4:45 p.m.-6:30 p.m.

## **Patient Navigation in Cancer Care: Results from the Patient Navigation Research Program**

Constitution Ballrooms C/D/E

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

Patient navigation (PN) has been proposed as a solution to address health disparities. The PN Research Program, sponsored by the National Cancer Institute and the American Cancer Society, evaluated the effectiveness of PN in reducing delays in time to resolution of abnormal screening tests and starting treatment at nine sites across the United States for participants with four types of abnormalities or cancer: breast, cervical, colorectal, and prostate cancer. This session will present the first pooled results from this national effort in relation to the four major outcomes of the PN Research Program: time to resolution of screening abnormalities; time to starting cancer treatment; patient satisfaction with care and navigation; and cost effectiveness of PN.

Introduction: Patient Navigation Research Program

Electra D. Paskett

Patient navigation and timeliness of diagnostic evaluation: Results for the Patient Navigation Research Program [PL06-02]\* Karen Freund, Boston University, Boston, MA

Effect of patient navigation on time from definitive diagnosis to initiation of treatment (T2) for breast, prostate, colorectal, and cervical cancers [PL06-03]\* Steven R. Patierno, George Washington University, Washington, DC, and

Peter C. Raich, University of Colorado, Denver, CO

Patient navigation and patient satisfaction with cancer-related care [PL06-04]\* Kevin Fiscella, University of Rochester, Rochester, NY

The cost effectiveness of patient navigation [PL06-05]\* Mark Bensink, Fred Hutchinson Cancer Research Center, Seattle, WA

**Panel Discussion** 

<sup>\*</sup>An extended abstract for this presentation is available in the Invited Abstracts section of this book. (The abstract number is listed in brackets.)





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## Plenary Session 7

Wednesday, September 21 8:00 a.m.-9:45 a.m.

# Pharmacogenetics of Cancer Therapy: Challenges and Opportunities

Constitution Ballrooms C/D/E

**Chairperson: Francis Ali-Osman,** Duke University Comprehensive Cancer Center, Durham, NC

Advances in pharmacogenetics, the science that defines the contributions of genetic variations in candidate genes, gene families, and gene networks to treatment outcome, have shown inherited genetic variability to be a significant determinant, not only of tumor response to therapy but also the nature and level of normal tissue toxicity associated with the therapy. This session will focus on recent advances, opportunities, and challenges in cancer pharmacogenetics as determinants of treatment outcome in cancer. Concepts will be presented, supported by data, on the use of candidate gene and whole genome strategies to identify gene variations that serve as markers of cancer treatment response and/or account for variability between individuals, ethnic groups, and populations in their responsiveness to anticancer drug therapy.

Linkage disequilibrium-based analysis of DNA repair and GST genes in malignant gliomas: A unique tool in defining the association between genetic diversity and survival [PL07-01]\*

Francis Ali-Osman

Whole genome approaches to identify pharmacogenomic markers of anticancer agents  $[PL07-02]^*$ 

M. Eileen Dolan, University of Chicago, Chicago, IL

Ethnic differences and copy number imbalance in outcomes of early-stage breast cancer **Patricia Thompson,** Arizona Cancer Center, Tucson, AZ



<sup>\*</sup>An extended abstract for this presentation is available in the Invited Abstracts section of this book. (The abstract number is listed in brackets.)



## Policy Forum 2

Wednesday, September 21 10:00 a.m. -11:00 a.m.

## **Ensuring a Diverse Scientific Workforce of the Future**

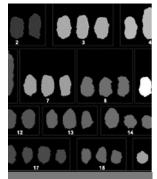
Constitution Ballrooms C/D/E

A recent NIH-funded analysis showed that the biomedical research workforce in the U.S. is not as diverse as it could be, and this fact is of concern to many in the scientific community. The cancer research community is no exception. Leadership at the National Institutes of Health (NIH) has grappled with this issue and called for a renewed effort to increase diversity in the scientific workforce, as well as do more to support researchers from minority populations. What can the cancer research community do to facilitate and encourage the recruitment and advancement of underrepresented minorities in cancer research? Hear from leaders in the minority academic communities about the challenges we face recruiting racial and ethnic minorities into careers in science, and learn about successful efforts underway to overcome them to produce a more inclusive and culturally diverse research workforce in the future.

## Participants:

**Douglas M. Garcia,** Executive Director, Federal Relations and Outreach, Hispanic Association of Colleges and Universities, Washington, DC

**Valerie Montgomery Rice,** Dean and Executive Vice President, Morehouse School of Medicine, Atlanta, GA



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## Plenary Session 8

Wednesday, September 21 11:00 a.m.-12:45 p.m.

## **Genomics and Epigenomics of Cancer Disparities**

Constitution Ballrooms C/D/E

Chairperson: Steven R. Patierno, George Washington University, Washington, DC

Differential splicing of oncogenes and tumor suppressor genes between African and Caucasian Americans: Contributing factor in prostate cancer health disparities? [PL08-01]\*

Norman H. Lee, George Washington University Medical Center, Washington, DC

Fine mapping of genetic associations in African American colorectal cancer [PL08-02]\* Nathan A. Ellis, University of Illinois at Chicago, Chicago, IL

Disparities in vitamin D levels: Gene x environment interactions Rick A. Kittles, University of Illinois at Chicago, Chicago, IL

Exome sequencing of head and neck squamous cell carcinoma reveals a higher frequency of mutations in TP53 among African Americans\*\* Rafael Guerrero-Preston, Johns Hopkins School of Medicine, Baltimore, MD

Wednesday, September 21

\*\*An extended abstract for this Proffered Talk is available on page 126.

