



**49<sup>th</sup> Annual Meeting**  
**April 6-8, 2025**  
**Loews Philadelphia**

**Saturday, April 5**

- 8:00 am - 12:00 pm      **Boot Camp for New Associate Directors and Program Leaders**  
An interactive forum for program leaders and associate directors attending the AD/PL Workshop who are in the **first year of their role**, this additional morning session will cover topics such as what is an NCI-designated cancer center, cancer center roles and responsibilities, CCSG insights and more.
- 1:00 pm- 7:30 pm      Associate Director/Program Leader (AD/PL) Workshop
- 7:30 pm - 8:30 pm      AD/PL Reception

**Sunday, April 6**

- 8:00 am - 12:00 pm      AD/PL Workshop
- 12:00 pm - 1:00 pm      Early Career Session
- 1:15 pm – 2:15 pm      Cancer Prevention & Research Training Program Directors Meeting (open to current and aspiring training program directors)
- 1:15 pm - 2:15 pm      Early Career Session
- 2:30 pm - 4:00 pm      **Concurrent Sessions**
- Community & Science Session  
*Topic and Speakers TBD*
- NCI Cancer Control and Population Sciences Program Project Grant (P01) Workshop**  
This workshop will promote the P01 and provide technical assistance to senior investigators and experienced investigative teams interested in learning about the P01 grant application. During this session, attendees will learn about DCCPS scientific priorities for large program projects; discuss components of a P01 application, timelines, and example funded applications. Attendees will learn about the P01 application process, tips and suggestions for success, and have the opportunity to meet with NCI, DCCPS scientific staff.
- 4:15 pm - 4:45 pm      Conference Welcome & Presidential Address  
Anita Kinney, PhD, RN, FAAN, FABMR, Rutgers Cancer Institute of New Jersey
- 4:45 pm - 5:15 pm      Cullen Award Address
- 5:15 pm - 5:45 pm      Fraumeni Award Address
- 5:45 pm - 7:15 pm      Poster Session/Reception 1

**Monday, April 7**

8:00 am - 9:15 am

***Concurrent Breakfast Sessions***

***Survivorship & Health Outcomes SIG & Cancer Health Disparities SIG***

***Lifestyle Behaviors, Energy Balance, and Chemoprevention SIG & Behavioral Science and Health Communication SIG***

9:30 am – 10:15 am

***Concurrent Sessions***

**Looking Back, Thinking Forward 1: The Untapped Potential of Lung Cancer Screening**

*Chairs: Dejana Braithwaite, PhD, MSc, University of Florida and Karen Wernli, PhD, Kaiser Permanente Washington Health Research Institute*

*Speaker: Jamie Studts, PhD, University of Colorado Cancer Center*

The purpose of this session is to provide an overview of the history, successes, challenges, and future directions of lung cancer screening in the US. Interventions and policies to promote informed/shared decision-making and behavior change among patients and clinicians regarding prevention, screening, and survivorship of lung cancer will be discussed.

Followed by three flash talks:

- **Extending the Estimated Benefits and Harms of Lung Cancer Screening from the National Lung Screening Trial (NLST) to a Nationally Representative US Screening-Eligible Population**, I-Hsuan Su, MS, *UNC Chapel Hill*
- **Effectiveness of Delivery of Lung Cancer Screening Educational Communication Through EHR Patient Portal**, Anjali Vasavada, BS, MPH, *University of Washington*
- **Geographic Disparities in Lung Cancer Screening Uptake in the United States Using the 2021 United States Preventive Service Task Force Guideline**, Abdi Gudina, PhD, MPH, MS, *University of Illinois Chicago*

**Symposium 1: Integrating Social Determinants of Health to Advance Molecular Epidemiology**

*Chairs: Shaneda Warren Andersen, PhD, University of Wisconsin-Madison and Nur Zeinomar, PhD, MPH, Rutgers Cancer Institute*

*Speakers: Meira Epplein, PhD, Duke University School of Medicine and Jasmine Miller-Kleinhenz, PhD, University of Mississippi Medical Center*

This session will explore how integrating social determinants into molecular epidemiology studies deepens our understanding of cancer risk and prognosis. The invited speakers will present examples from the field – including gastric cancer and breast cancer – and illustrate how measures of social determinants incorporated into molecular epidemiological studies can provide a more holistic understanding of cancer. This session will also highlight the implications for preventive oncology and discuss strategies for including diverse voices in research and study design.

10:30 am - 11:15 am

***Concurrent Sessions***

**Looking Back, Thinking Forward 2: Evolving Approaches and New Directions in Cancer Prevention and Screening Equity**

*Chairs: Parisa Tehranifar, DrPH, Columbia University and Michael Scheurer, PhD, MPH, Baylor College of Medicine*

*Speaker: Electra Paskett, PhD, The Ohio State University*

Over recent decades, efforts to understand and address cancer health equity have evolved from focusing on individual level factors to embracing a multilevel approach. Research increasingly recognizes the complex interplay of social determinants of health, including racism, socioeconomic resources, gender identity, geography, and neighborhood contexts. This session explores the progression of cancer disparities research and highlight emerging work on the role of structural barriers to health and community-engaged research in advancing cancer health equity.

Followed by three flash talks:

- **E-cigarette Use by Intersection Between Sexual Identity and Race/Ethnicity among US Adults: Results from National Health Interview Survey (NHIS) 2021-2023**, Juhan Lee, PhD, *Montefiore Einstein Comprehensive Cancer*
- **Barriers and Facilitators to Mammography Among Hispanic Women with Intellectual Disabilities**, Jonathan Julian, BS (c), BA (c), *Rutgers*
- **Learning Outcomes of Community-Based Science Education: Engaging Children from Medically-Underrepresented Backgrounds in a Cancer Biology and Prevention Curriculum**, Ethan Eisenstein, BA expected, *Lombardi Comprehensive Cancer Center*

### **Symposium 2: Misinformation and Infodemics: Implications for Cancer Control**

*Chair: K. "Vish" Viswanath, PhD, Harvard T. H. Chan School of Public Health and the Dana-Farber Cancer Institute*

*Speakers: Tina Purnat, MS, Harvard T. H. Chan School of Public Health and Roberta Braga, MA, Digital Democracy Institute*

One consequence of the spread and penetration of information and communication technologies is the generation, processing and dissemination of enormous amounts of information and data. The 5 Vs—*volume, velocity, variety, veracity, and value* have posed a central challenge in the form of spread of information and misinformation outpacing societal capacity to manage the flow of information and understand the consequences for cancer control. The COVID pandemic has amplified these concerns, precipitating engagement by researchers, policy makers, and practitioners to address the infodemic and misinformation. This session will discuss the notion of infodemic, misinformation and its implications for cancer control by speakers who have been leaders in studying misinformation and developing ways to address it.

11:30 am - 1:00 pm Community & Science Lunch Session

1:15 pm - 2:15 pm

### **Concurrent Sessions**

#### **Best of ASPO Session 1 – Cancer Health Disparities**

*Moderator: Suzanne O'Neill, PhD, Lombardi Cancer Center*

- **Racial/Ethnic Disparities in the Trends in the Incidence and Mortality of Tobacco-Related Cancers among Adults in the United States by Age Group**, Fangjian Guo, MD, PhD, *The University of Texas Medical Branch*
- **Association of Cultural Racism with All-Cause and Cancer-Related Mortality in the United States: (2018-2022)**, Hugo Quezada-Pinedo, MD, MSc, PhD, *Duke University*

- **Geographic Measures of Socio-Economic Status Show Differences in Breast Cancer Incidence Rates by Estrogen Receptor Status, Race and Ethnicity, Supporting Etiologic Heterogeneity: Findings from USA SEER**, Jonine Figueroa, PhD, MPH, *NCI DCEG*
- **Survival Differences between Early Onset (< 50 years) and Average Onset (≥ 50 years) Colorectal Cancer among African Americans in Metropolitan Detroit**, Laura Rozek, M.A., M.S., Ph.D., *Georgetown University*

#### **Best of ASPO Session 2 - Place, Policy, and Cancer Disparities**

**Moderator:** *Parisa Tehranifar, DrPH, Columbia University*

- **Applying the County Health Rankings Model to Identify Priorities for Cancer Prevention and Control Interventions**, Amy Trentham-Dietz, PhD, *Univ. of Wisconsin Carbone Cancer Center*
- **Historic Redlining and All-Cause Survival after Breast Cancer Diagnosis**, Sarah Lima, MPH, *University at Buffalo*
- **Land Use and Breast Cancer Incidence in California**, Valerie Stahl, PhD in Urban Planning, *San Diego State University*
- **The Association of Home Owners' Loan Corporation (HOLC) Historical Redlining and Contemporary Cancer Incidence**, Mimi Ton, PhD, MPH, *University of California San Francisco*

2:30 pm - 3:30 pm

#### **Concurrent Sessions**

#### **Best of ASPO Session 3 - Health Services and Communities**

**Moderator:** *Albert Farias, PhD, MPH, University of Southern California*

- **Accuracy of Chemotherapy Ascertainment in SEER among Breast Cancer Survivors in a General Community Healthcare Setting**, Macy Corley, BSN, *National Cancer Institute*
- **Addressing Cancer Care Gaps Among Refugee Populations in the U.S.: A Comprehensive Scoping Review**, Sarah Yeo, PhD, MPP, *University of Arizona*
- **Rural-Urban Differences in Internet Access, Use, and Online Patient-Provider Communication among Cancer Survivors: A HINTS-SEER Analysis**, Whitney Zahnd, PhD, *University of Iowa*
- **Evaluation of an Implementation Support Program for Rural Communities Using a New Two-Tiered, Embedded Evaluation Framework**, Michelle Shin, MSN, MPH, PhD, *University of Washington*

#### **Best of ASPO Session 4 - Molecular Epidemiology, Cancer Risk, and Disparities**

**Moderator:** *TBA*

- **Transgender Menstrual Cycles, Hormones, and Breast/Chest Cancer Risk**, Lauren Houghton, PhD, MSc, *Columbia University*
- **Joint Roles of Proteomics and Neighborhood-level Predictors of de Novo Metastatic Prostate Cancer in Black and White Men**, Jennifer Cullen, PhD, MPH, *Houston Methodist Neal Cancer Center*
- **Differences in DNA Methylation Markers Associated with Stress, Discrimination, and Socioeconomic Position among Cancers Survivors with and without HIV**, Jessica Islam, PhD, MPH, *Moffitt Cancer Center*
- **Genetic Ancestry, DNA Repair, and Radon Exposure: Identifying Novel Lung Cancer Risk Factors in African Americans**, Khadijah Mitchell, PhD, MS, *Fox Chase Cancer Center*

3:45 pm - 4:30 pm **Keynote Session**  
Richard C. Wender, MD  
Professor and Chair  
Family Medicine and Community Health University of Pennsylvania

4:45 pm - 5:15 pm ASPO Business Meeting

5:30 pm - 7:00 pm Poster Session/Reception 2

## Tuesday, April 8

8:00 am - 9:15 am **Breakfast Session: Molecular Epidemiology & the Environment SIG**

9:30 am – 10:15am **Concurrent Sessions**

### **Looking Back, Thinking Forward 3: Evolution of Chemoprevention and Early Discovery**

*Chair: Jessica Faupel-Badger, PhD, MPH, National Cancer Institute*

*Speaker: Margie Clapper, PhD from Fox Chase Cancer Center*

The field of cancer prevention has evolved from large phase III trials focused on broad populations to smaller, focused trials tailored to high-risk populations. This evolution has been possible through advances in understanding cancer's etiology, more precisely defining populations at risk, and development of new agents, including an emphasis on immunoprevention. This session will briefly highlight past approaches and contrast this with new strategies at this exciting time for cancer prevention clinical trials.

Followed by three flash talks:

- **Metformin Works As A Colorectal Cancer Prevention Agent By Reducing Proliferation And Inhibiting Cell Cycle**, Holli Loomans-Kropp, PhD, MPH, *The Ohio State University*
- **Global Epidemiology of Liver Cancer Burden due to Hepatitis B Virus: A Comprehensive Estimate Based on Global Burden of Disease Study 2021**, Wanqing Chen, PhD, *Chinese Academy of Medical Sciences*
- **Investigating the Impact of Physical Activity during Puberty on Advanced Glycation End Product-Mediated Breast Cancer Risk**, Bradley Krisanits, Doctor of Philosophy, *Virginia Commonwealth University*

### **Symposium 3: Pragmatic Trials and Implementation Science in Cancer Prevention and Control**

*Chair: Maria Fernandez, PhD, UTHealth Houston*

*Speakers: Simon Craddock Lee, PhD, MPH, University of Kansas Medical Center and Katharine Rendle, PhD, University of Pennsylvania*

This session will focus on using pragmatic trials to expand reach, equity, and implementation of cancer screening and leveraging implementation science to optimize cancer healthcare delivery in safety-net settings, urban and rural. The session will address the use of mixed-method multilevel evaluation in pragmatic trial design and research partnerships that foster learning health systems and other collaborations that enable science to support community priorities.

10:30 - 11:15 am **Concurrent Sessions**

### **Looking Back, Thinking Forward 4: Advancing Equity in Cancer Care Delivery**

*Chairs: Albert Farias, PhD, MPH, University of Southern California and Lorna Haughton McNeil, MD Anderson Cancer Center*

*Speaker: Karen Winkfield, MD, PhD, Vanderbilt University Ingram Cancer Center*

Gaps in the quality of cancer care delivery along the continuum of care exist for individuals based on race, ethnicity, gender identity and sexual orientation, place of residence, disability status, and socioeconomic status. The goal of the session is to identify clinically important and sustained modifications to the structures and processes of health systems to improve clinical outcomes, enhance patient experiences, and optimize value of care. This session will review the drivers of these inequities and focus on contemporary solutions for addressing them. Action-oriented approaches include policy, multidisciplinary care delivery transformation, standardized assessment measures, and evidence-based practice change. Confirmed senior investigator:

Followed by three flash talks:

- **Multifaceted Psychosocial Stressors in Sexual Minority Cancer Survivors Are Modified by the State Governor's Political Affiliation: An All of Us (AoU) Research Study**, Angel Arizpe, MPH, *Keck School of Medicine of USC*
- **Evaluating a Quality Improvement Initiative for Cervical Cancer Screening among Arab-speaking Patients in an Urban Federally Qualified Health Center**, Perla Chebli, PhD, MPH, *NYU Grossman School of Medicine*
- **Barriers to PSA Testing: Examining Sociodemographic Disparities in Prostate Cancer Screening**, Daniel Sabater Minarim, BS, *UCSD Health*

#### **Symposium 4: New Frontiers in Artificial Intelligence, Machine Learning, and Data Science in Cancer Prevention and Intervention**

*Chairs: Suzanne O'Neill, PhD, Lombardi Cancer Center and Anita Y. Kinney, PhD, RN, Rutgers Cancer Institute*

*Speakers: Warren Kibbe, PhD, National Cancer Institute and Elizabeth Handorf, PhD, Rutgers Cancer Institute*

The session will focus on computationally intensive and cutting-edge machine learning methods for high-dimensional data as well as data representation for clinical trials and improving data interoperability between electronic health records and decision support algorithms.

11:30 am - 12:45 pm Lunch Session: NCI Funding Opportunities

1:00 pm - 2:00 pm **Concurrent Sessions**  
**Best of ASPO Session 5 - Prevention and Screening Across Populations**

**Moderator:** *Electra Paskett, PhD, The Ohio State University*

- **Body Composition and Incidence of Obesity-Related Cancers Among Adults in the Hispanic Community Health Study/Study of Latinos**, Humberto Parada Jr, PhD, MPH, *San Diego State University*
- **The Association of Health System-Level Factors with Lung Cancer Screening Uptake Varies by Race**, Natalie Del Vecchio, PhD, *Fred Hutch Cancer Center*
- **Drivers of Variation in Human Papillomavirus Vaccination Rates among Adolescent Dependents within the Military Health System**, Joel Segel, PhD, *Penn State University*
- **Racial/Ethnic & Geographic Trends In Uptake Of Non-Invasive CRC Screening From 2018-2022**, Gabriel Benavidez, PhD, *Baylor University*

## Best of ASPO Session 6 - Poverty and the Cancer Continuum

**Moderator:** *K. "Vish" Viswanath, PhD, Harvard T. H. Chan School of Public Health*

- **Community Social Vulnerability Domains Have Distinct Influences on Treatment Selection for Men with Prostate Cancer**, Samuel Washington, MD, MAS, *University of California, San Francisco*
- **Cancer Screening Uptake and Social Vulnerability Across the Metropolitan-to-Frontier Continuum in the United States**, Brody Gibson, BS, *Huntsman Cancer Institute*
- **The Impact of Food Access and Other Social Determinants of Health on Cancer Mortality in Florida**, Shea Herlihy, MS, *University of Florida*
- **The Impact of Expanding Neighborhood Measures of Poverty on Breast Cancer Mortality**, Ifeoma Nwigwe, PhD, MPH, *Johns Hopkins Bloomberg School of Public Health*

2:15 pm - 3:15 pm

## **Concurrent Sessions**

### Best of ASPO Session 7 - Lifestyle and Survivorship

**Moderator:** *Michael Scheurer, PhD, MPH, Baylor College of Medicine*

- **Project HERO: A Randomized Trial of Tai Chi Qigong Versus Intensity-Matched Exercise and Usual Care for Fatigue in Older Male Cancer Survivors**, Samuel Tundealao, BDS, MPH, *Rutgers Cancer Institute*
- **Risk of All-Cause and Disease-Specific Mortality in Relation to Cancer and Atherosclerotic Cardiovascular Disease**, Reed Mszar, MPH, MS, *Yale School of Public Health*
- **Second Cancer Risk among 1.9 Million Cancer Survivors**, Sandi Pruitt, PhD, *UT Southwestern Medical Center*
- **Lifestyle Patterns and Sleep Disturbance in a Population-Based Cohort of Black Breast Cancer Survivors**, Amogh Kudva, BA, MD Candidate, *Rutgers University*

### Best of ASPO Session 8 - Environmental Exposures and Cancer

**Moderator:** *Nur Zeinomar, PhD, MPH, Rutgers Cancer Institute*

- **Exposure to Air Pollution and the Risk of Ovarian Cancer: A Parallel Analysis of Five Large US Prospective Cohorts**, Alexandra White, PhD, *NIEHS*
- **Per- and Polyfluoroalkyl Substances in Drinking Water and Cancer Prevalence in the United States**, Seigi Karasaki, PhD, MA, MS, *Fred Hutchinson Cancer Center*
- **Environmental Heavy Metal Exposure and Urological Cancer Risk: A Systematic Review and Meta-Analysis of Case-Control and Cohort Studies**, Zhengyi Deng, PhD, *Stanford School of Medicine*
- **Carcinogenic Industrial Air Pollution and Endometrial Cancer Risk in a Large Prospective U.S. Cohort**, Samantha Ammons, BA, MPH, *National Cancer Institute*