THURSDAY, NOVEMBER 20, 2014

7:30 - Continental Breakfast and Registration (Seacliff Foyer)

8:15-8:30 Welcome & Opening Remarks (Seacliff)
Janice Barlow, RN, Program Co-Chair, Zero Breast Cancer
Caroline Dilworth, PhD, National Institute of Environmental Health Sciences, NIH
Gary Ellison, PhD, National Cancer Institute, NIH

Welcome Video
Linda Birnbaum, PhD, National Institute of Environmental Health Sciences, NIH

8:30-9:15 KEYNOTE ADDRESS
Capturing the Complexity of Breast Cancer
Sarah Gehlert, PhD, Washington University, St. Louis

9:15 - 9:35 Overview of BCERP to Date
Lawrence H. Kushi, ScD, Kaiser Permanente Division of Research

SESSION I: ENVIRONMENTAL EXPOSURES AND PUBERTAL ONSET
Chairperson: Susan Pinney, PhD, University of Cincinnati

9:35-9:55 Traffic-related Pollution, Combustion By-Products, and Pubertal Onset in CA Girls
Gayle Windham, PhD, California Department of Public Health

9:55 -10:15 Diet, Phytoestrogen Intake and the Onset of Puberty
Lawrence H. Kushi, ScD, Kaiser Permanente Division of Research

10:15-10:35 Complex Relationships Between the Environment and Thelarche
Susan Teitelbaum, PhD, Mt. Sinai School of Medicine

10:35-10:50 Discussion / Q & A

10:50-11:10 Break

SESSION II: THE GENOME AND HORMONES: PERIPUBERTAL PREDICTORS AND EVENTS
Chairperson: Lawrence Kushi, ScD, Kaiser Permanente Division of Research

11:10-11:30 Novel Genetic Pathways and Onset of Puberty in BCERP Girls
Chi-Chen Hong, PhD, Roswell Park Cancer Center

11:30-11:50 Epigenetic Modulations During Pubertal Onset in Growing Up Female
Susan Pinney, PhD, University of Cincinnati

11:50-12:10 Amphiregulin, a Sentinel Event of Puberty
Frank Biro, MD, Cincinnati Children’s Hospital Medical Center

12:10-12:25 Discussion / Q & A

12:25-1:55 Lunch with the Experts (Atrium 3 & 4)

SESSION II: REACHING MULTICULTURAL COMMUNITIES, PART A
Chairperson: Gail Greenburg, RN, Cincinnati Children’s Hospital Medical Center

1:55-2:15 Evidence-based Techniques for Translating BCERP Findings
Kami Silk, PhD, Michigan State University

2:15 - 2:35 Using Electronic Media to Communicate Breast Cancer Risk to Young African American Women
Neasha Graves, MPA, University of North Carolina Chapel Hill

2:35- 2:55 Using Photovoice Projects to Engage Youth
Daniel Madrigal, MPH, UC Berkeley
Alexandra Anderson, MPH, Zero Breast Cancer

2:55- 3:10 Discussion / Q & A

SESSION II: REACHING MULTICULTURAL COMMUNITIES, PART B
Chairperson: Catherine Thomsen, MPH, Zero Breast Cancer

3:10 -3:30 Advocates Mentoring Advocates
Barbara Brenner, DrPH, Mt. Sinai School of Medicine
Dr. Sharon McLeod, Witness Project of Harlem
Desirée Walker, Witness Project of Harlem

3:30 - 3:50 Engaging Latina Teens in Biomonitoring for Endocrine Disruptors in Personal Care Products
Kim G. Harley, PhD, UC Berkeley
Kimberly L. Parra, Clinica de Salud del Valle de Salinas
Maritza Cardenas, UC Berkeley
FRIDAY, NOVEMBER 21, 2014

8:00-8:30   Continental Breakfast and Registration (Seacliff Foyer)
8:30-8:40   Welcome to Day 2 (Seacliff)

SESSION IV: WINDOWS OF SUSCEPTIBILITY: MECHANISMS AND TRANSLATIONAL OPPORTUNITIES

Chairpersons: Michael Gould, PhD, University of Wisconsin and Sandra Haslam, PhD, Michigan State University

8:40 - 9:00  Transgenerational Effects of Maternal Exposure to High Fat Diet and/or Bisphenol A on DMBA-induced Mammary Gland Carcinogenesis
            Shuk-Mei Ho, PhD, University of Cincinnati

9:00 - 9:20  Windows of Susceptibility to a High Animal Fat Diet: obesity and basal breast cancer
            Sandra Haslam, PhD, Michigan State University

9:20 - 9:40  Histologic and Molecular Response of Normal Breast Tissue to Environmental Exposures
            Melissa Troester, PhD, University of North Carolina Chapel Hill

9:40 - 10:00 Mechanisms of Breast Cancer Windows - Specific Genetic-Environment Interactions
            Michael Gould, PhD, University of Wisconsin

10:00-10:20 Interplay between Tissue Tension, Inflammation and Risk to Malignancy
            Valerie Weaver, PhD, University of California San Francisco

10:20-10:40 Discussion / Q & A
10:40-11:00 Break

11:00-12:15 PANEL ON FUTURE DIRECTIONS IN BREAST CANCER AND THE ENVIRONMENT

Moderator: Robert Hiatt, MD, PhD, University of California San Francisco
Panelists:

- Diana Chingos, MS, MFA, *Noreen Fraser Foundation*
- Gwen Collman, PhD, *National Institute of Environmental Health Sciences*
- Sarah Gehlert, PhD, *Washington University, St. Louis*
- Michael Gould, PhD, *University of Wisconsin*
- Dale Sandler, PhD, *National Institute of Environmental Health Sciences*

12:15-12:30 **Poster Awards and Closing Remarks**

Janice Barlow, *Zero Breast Cancer*

12:30 **Adjourn**