Bringing Precision to the Future of Environmental Breast Cancer Research

Please join us for a transdisciplinary breast cancer prevention conference for the community, breast cancer advocates, epidemiologists, clinicians, communication researchers and basic scientists.

This scientific conference is open to the public at no cost.

KEYNOTE SPEAKER
Gwen Collman, PhD, Director, Division of Extramural Research & Training, National Institute of Environmental Health Sciences (NIEHS)

CO-CHAIRS
Joseph Jerry, University of Massachusetts-Amherst
Sallie Schneider, Baystate Medical Center
Anna Symington, University of Massachusetts-Amherst
Mia Gaudet, American Cancer Society

CALL FOR ABSTRACTS
For abstracts considered for a poster presentation, submissions are due by Friday, August 30. Submit your abstract at https://abstract.bcerp.org/form.php

SESSION THEMES
• Myths, messages, and communicating uncertainty
• Interactions between environmental chemicals and inherited risk
• Addressing risk posed by mixtures of chemicals
• Environmental chemicals, metabolism and immune function and breast cancer risk

REGISTER
Learn more and register at BＣERP.org
Visit https://bcerp.org/annual-meeting-2019/ for the full meeting agenda
For questions, contact info@bcerp.org

Sponsored by the National Institute of Environmental Health Sciences and the National Cancer Institute, and coordinated by the University of Wisconsin-Madison.
Thursday, November 7, 2019

Keynote Address
The BCERP legacy: windows of susceptibility to environmental risks of disease
Gwen Collman, PhD, Director, Extramural Research & Training, National Institute of Environmental Health Sciences

Session 1: Myths, messages, and communicating uncertainty
Chair: Anna G. Symington, University of Massachusetts Amherst
- Perceptions of the causes of breast cancer from video interviews
- Why me? Conversations with women newly diagnosed with breast cancer
Grace Makari Judson, University of Massachusetts Medical School-Baystate
- Communicating messages of risk reduction in diverse communities
Tabia Henry Akintobi, Morehouse School of Medicine
- Communicating BCERP Science from the Lens of Uncertainty Theories
Kami Silk, University of Delaware

Session 2: Interactions between environmental chemicals and inherited risk
Chair: James Shull, University of Wisconsin
- Using the diversity outbred mice to identify gene by environment interactions
Alison Harrill, National Institute of Environmental Health Sciences
- Detecting gene x environment interactions in population studies
Mia Gaudet, American Cancer Society
- Why genetic, environment, and epigenetic regulation matter to breast cancer risk
Rachel Miller, Columbia University
- On the need to consider both genetic and windows of susceptibility for environmental exposures and breast cancer risk with the specific example of PAHs
Mary Beth Terry, Columbia University

Poster Session

Session 3: Presentations from top rated abstracts
Chair: Jennifer Ohayon, Silent Spring Institute

Session 4: Retrospective look at the history of BCERP
Chair: Frank Biro, Cincinnati Children’s Hospital Medical Center

Friday, November 8, 2019

Session 5: Addressing risk posed by mixtures of chemicals
Chair: Kristen Malecki, University of Wisconsin
- New methods for analyzing mixtures in population based research, Findings from the PRIME network
Mary Turyk, University of Illinois at Chicago
- Multiple exposures to chemicals with biologic persistence do influence the levels of some reproductive hormones during female puberty
Susan Pinney, University of Cincinnati
- Effects of estrogen, progesterone, and PBDEs on mammary gland structure after surgical menopause
Shiuan Chen, Beckman Research Institute of the City of Hope
- Multiple Chemical Exposures and Breast Cancer Risk, Findings from and the California Teacher’s Study
Peggy Reynolds, University of California San Francisco

Session 6: Environmental chemicals, metabolism and immune function and breast cancer risk
Chairs: Mary Beth Martin, Georgetown University and Shiuan Chen, Beckman Research Institute of the City of Hope
- African ancestry and tumor immune responses leading to disparate clinical outcomes
Melissa Davis, Weill Cornell Medical College
- Endocrine disrupting chemicals and the immune system: a possible mechanism for facilitated cancer progression
Sallie Schneider, Baystate Medical Center
- How the breast environment may influence breast cancer risk
Karin Michels, University of California, Los Angeles
- Effect of exercise on metabolic syndrome in black women by family history and predicted risk of breast cancer: The FIERCE Study
Lucile Adams-Campbell, Georgetown University Medical Center