

BCERP

14TH ANNUAL MEETING

NOVEMBER 7-8, 2019

ATLANTA, GA



BREAST CANCER AND THE ENVIRONMENT RESEARCH PROGRAM

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.

**Breast Cancer and the Environment Research Program
14th Annual Meeting**

“Bringing Precision to the Future of Environment Breast Cancer Research”

The American Hotel, a Doubletree by Hilton
160 Ted Turner Drive, NW, Atlanta, GA 30303

Thursday, November 7, 2019

Welcome and Introduction of Keynote Speaker

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

- 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 BCERP Science from the Lens of Uncertainty Theories
Kami Silk, University of Delaware

Session 2: Interactions between environmental chemicals and inherited risk

- 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 power of family-based designs for both etiology and prevention:
The case for PAH and changes in adolescent breast tissue
Mary Beth Terry, Columbia University

Poster Session

Session 3: Presentations from top rated abstracts

Friday, November 8, 2019

Session 4: Addressing risk posed by mixtures of chemicals

- New methods for analyzing mixtures in population based research, Findings from the PRIME network
Mary Turyk, University of Illinois at Chicago
- The association of BMI, PFOA, and PBDE with sex hormones around the time of thelarche in four hormone profile phenotypes
Cecily Fassler, 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 5: Environmental chemicals, metabolism and immune function and breast cancer risk

- 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
- 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