



**HEEDS EDC-North Carolina Working Group
Third Annual Scientific Meeting
Friday, September 30, 2022
North Carolina State University
Tally Student Union
Coastal Carolina Ballroom 3rd Floor
2610 Cates Avenue, Raleigh NC
(see directions and map on 3rd page below)**

- 8:15 am **Session I: Trainee Session: Plagiarism and Copyright Issues in Publications**
Kristin Inman, Environmental Health Perspectives
- 9:00 am **Welcome and Introduction**
Jerry Heindel, Healthy Environment and Endocrine Disruptor Strategies (HEEDS)
- 9:05 am **Session II: EDCs and Thyroid Cancer**
Chair: Bevin Blake, US EPA
Papillary Thyroid Cancer in North Carolina: Spatial and Temporal Patterns
Kate Hoffman, Duke
Hypothyroid Diseases and PFAS Exposure in Women: GenX Exposure Study 2017-8
Jane Hoppin, NCSU
Responding to Community Concerns About Cancer Clusters
Virginia Guidry, North Carolina Department of Health and Human Services
- 10:10 am **Break**
- 10:45 am **Session III: Two Hit Hypotheses in Endocrine Disruption and Disease**
Chair: Sourav Chakraborty, UNCG
Transgenerational Exposures Over Generations and Disease Outcomes
Ramji Bhandari, UNCG
**Interaction of High Cholesterol Diet, Housing Temperature and Wildfire Smoke
Exposure on Neuroendocrine Health**
Thomas Jackson, US EPA
Peri-Implantation Ozone Exposure Modifies Offspring Susceptibility to a High-Fat Diet
Collette Miller, US EPA
- 12-1:40 pm **Lunch and Poster Session**
Box lunches will be provided.

- 12-12:40 pm **Poster session A:** Posters 1-20
- 12:40-1 pm *Remove posters 1-20 and put up posters 20-40*
- 1-1:40 pm **Poster session B:** Posters 20-40
- 1:40 pm **Session IV: EDCs and Disease/Dysfunction**
Chair: Shaza Gaballah, Duke
Hair Product Usage Among African American Women: Potential Implications for Cardiometabolic Health
 Symielle A. Gaston, NIEHS
The Imprinted Gene Network Connects Developmental Cadmium Exposure to Non-Alcoholic Fatty Liver Disease
 Michael Cowley, NCSU
Mechanisms Underlying Perfluoroalkyl Substances (PFAS)-Induced Effects on the Placenta, Pregnancy Outcomes, and Child Development
 Rebecca Fry, UNC
- 2:45 pm **Session V: Techniques in EDC research**
Chair: Tracy Woodlief, ECU
Environmental Sentinels: PFAS in Pine Needles
 Kaylie Kirkwood, NSSU
Cellular Confusion: A Consequence of Endocrine Disruption During Development
 Wendy Jefferson, NIEHS
Towards a High-Throughput *In Vitro* Screening of Mammary Gland Responses to PFAS
 Amy Oldenburg and Matthew Lockett, UNC
- 3:50 pm **Keynote Speaker**
 Introduction, Carmon Williams, NIEHS
Developmental Exposures to EDCs and Birth Outcomes
 Kelly Ferguson, NIEHS
- 4:25 pm **Poster awards and discussion of future activities**
- 4:45 pm **Social Hour**

Sponsors (EDC-NC is a program of www.HEEDS.org)



Location: NCSU Central Campus (Highway 40 to Wade Ave to 440/1 south, exit Hillsborough, turn right at Bell Tower (Pullen Rd) and right on Dunn Ave, and park in Coliseum Parking Lot). Walk to Talley Student Union.

