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.