

Epigenetics, Environment, and Human Health

2018 Second Annual CHHE Symposium Agenda

8:30 - 9:00 Arrival and name tags

9:00 - 9:15 **Rob Smart** (NCSU) – Welcome

Session I Chairs: Jodie Fleming (NCCU) and Jonathan Hall (NCSU)

9:15 - 9:45 **Randy Jirtle** (NCSU) – *Introductory address: Evolution of epigenetics*

9:45 - 10:15 **David Skaar** (NCSU) – *Human imprintome: First draft*

10:15 - 10:30 Break

10:30 - 11:15 **Moshe Szyf** (McGill University) – *DNA methylation mediating the impact of experience and exposure*

11:15 - 11:45 **Mike Cowley** (NCSU) – *Imprinting, epigenetics and the developmental environment*

11:45 - 1:15 Lunch & Poster Session 1

Session II Chairs: Krista McCoy (ECU) and Belinda Akpa (NCSU)

1:15 - 1:45 **Emilie Rissman** (NCSU) – *Transgenerational effects of endocrine disrupting chemicals on behavior*

1:45 - 2:15 **Katy May** (NCSU) – *Communicating epigenetics to lay audiences*

2:15 - 2:45 **David Aylor** (NCSU) – *Unraveling gene by environment interactions using population-based mouse resources*

2:45 - 3:45 Break & Poster Session 2

3:45 - 4:15 **Albert Keung** (NCSU) – *Epigenome engineering*

4:15 - 5:00 **Ben Philpot** (UNC Chapel Hill) – *Gene awakening for the treatment of Angelman syndrome*

5:00 - 6:00 Reception