

## **Toxic Metals – From Exposures and Model Systems to Human Populations**

### 2017 First Annual CHHE Symposium Agenda

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- 8:30-9:00 Arrival and Nametags
- 9:00-9:15 **Rob Smart** (NCSU) – Welcome
- Morning session co-chairs: David Aylor (NCSU) and Matt Polizzotto (NCSU)
- 9:15-9:45 **Linda Birnbaum** (NIEHS) - *NIEHS Perspectives*
- 9:45-10:15 **David Buchwalter** (NCSU) - *Trace Metal Bioavailability and Toxicity: An Aquatic Perspective*
- 10:15- 10:30 Break
- 10:30-11:00 **Antonio Planchart** (NCSU) - *Cadmium and Ototoxicity: Effects of Exposure on Otoliths and Behavior in Zebrafish*
- 11:00-11:30 **Cathrine Hoyo** (NCSU) - *Prenatal Heavy Metal Burden and Early Signs of Cardiometabolic Dysfunction: Insights from a Durham-Based Birth Cohort*
- 11:30- 1:00 Lunch & Poster Session 1
- Afternoon session co-chairs: Michael Cowley (NCSU) and Katlyn May (NCSU)
- 1:00 - 1:30 **Lorisa Seibel** (Housing Programs for Reinvestment Partners) - *Lead Poisoning Prevention and Healthy Homes for Children in Durham, NC*
- 1:30 - 2:00 **Shanshan Zhou** (NCSU) - *Variation in Lead and Cadmium Susceptibility in Drosophila Melanogaster*
- 2:00 - 2:30 **Matt Polizzotto** (NCSU) - *Treatment of Arsenic-Contaminated Water using Surface-Functionalized Fabrics*
- 2:30 - 3:30 Break & Poster Session 2
- 3:30 - 4:00 **Jamie DeWitt** (ECU) - *Challenges and Opportunities of Assessing Geogenic Dusts that are Complex Mixtures of Particles and Heavy Metals*
- 4:00 - 5:00 Keynote: **Michael Waalkes** (NIEHS/NCI) - *Perspectives in Inorganic Toxicology: Arsenic Carcinogenesis from Populations to Models to Mechanisms*
- 5:00 – 6:00 Closing remarks & reception