

# WAYNE STATE UNIVERSITY

Center for Urban Responses to Environmental  
Stressors (CURES) P30 ES020957  
Integrative Biosciences Center  
(IBIO)  
2016-2017 Seminar Series

**Thursday September 15<sup>th</sup>, 2016** Sol Bobst Ph.D., MBA, DABT, President & Principal Advisor of Toxsci Advisors

Title: *Challenges for the Toxicologist in the Courtroom: the 5 Question Approach to Specific Causation*  
Area of Expertise: *Toxicologists in the courtroom*

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**Thursday November 17<sup>th</sup>, 2016:** Qinghua Sun, MD, Ph.D. Professor College of Public Health The Ohio State Univ.

Area of Expertise: *Environmental stress (air pollution) in cardiovascular and metabolic disease*

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**Thursday December 1<sup>st</sup>, 2016:** Ellen Silbergeld, Ph.D. Professor Bloomberg School of Public Health John Hopkins

Area of Expertise: *incorporation of mechanistic toxicology into environmental and occupational health policy.*

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**Thursday December 8<sup>th</sup>, 2016:** Santosh K. Katiyar, Ph.D. Professor Dept. of Environmental Health Sciences University of Alabama

Area of Expertise: *UV and skin cancer, chemoprevention by phytochemicals*

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**Thursday January 12<sup>th</sup>, 2017** Jim Dunn, Ph.D., Professor Department of Health, Aging & Society McMaster University

Area of Expertise: *Health & Aging*

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**Thursday January 26<sup>th</sup>, 2017:** Lauren Wise, Sc.D. Professor School of Public Health Boston University

Area of Expertise: *Reproductive health and Environment; Investigator on the Black Women's Health Study*

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**Thursday February 2<sup>nd</sup>, 2017:** Johann Eberhart, Ph.D. Associate Professor University of Texas-Austin

Area of Expertise: *systematically varied zebrafish mutants to investigate mechanism of differential sensitivity to tissue-specific toxicity*

Title: *Using Zebrafish to Characterize Genetic Risk for Fetal Alcohol Spectrum Disorders*

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**Thursday February 16<sup>th</sup>, 2017:** Tina Reynolds, J.D., Health Policy Director, Michigan Environmental Council.

Title: *Research, Science and Policy Making in Lansing: With Real Life Examples*

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**Thursday February 23<sup>rd</sup>, 2017:** Xiangqun Zeng, Ph.D., Professor, Oakland University.

Area of Expertise: *electrochemistry and interface chemistry at solid electrodes, chemical and biosensors*

Title: *Iconic Liquid Electrochemistry and Biointerface Design for Sensors*

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**Thursday March 23, 2017:** Jason Cannon, Ph.D. Associate Professor, Purdue University

Title: *Environmental and Mechanistic Investigations of Early-Stage Parkinson's Disease*

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**Thursday April 13th, 2017:** John Postlethwait, Ph.D., Professor Department of Biology University of Oregon

*Area of Expertise: genetic, genomic, and evolutionary principles that guide animal development*

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**Thursday April 20th, 2017:** John Barnett, Ph.D., Professor and Chair of Microbiology, Immunology and Cell Biology of School of Medicine, West Virginia University

Title: Pre-conception or Prenatal Cadmium Exposure – Effects on the Immune Response of the Offspring

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**Thursday April 27th, 2017:** Cornelis Elferink, Ph.D., Professor & Director Department of Pharmacology and Toxicology University of Texas

Area of Expertise: Aryl hydrocarbon receptor (AhR): Environmental sensor, role in physiology and disease

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**Thursday May 4th, 2017:** R. Tomas Zoeller, Ph.D., Professor Biology Department University of Massachusetts

Area of Expertise: policy regarding endocrine disruptors in the environment (esp. PCBs, BPA & phalates)

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**Thursday May 18th, 2017:** Angela Slitt, Ph.D., Associate Professor College of Pharmacy University of Rhode Island

Area of Expertise: expression of drug transporters affects chemical (i.e. drug and environmental chemical) disposition and toxicity, 2) nutrition and intake of dietary antioxidants affects the expression of drug transporters, 3) liver disease (i.e. diabetes, cholestasis, and ethanol cirrohsis) affects transporter expression and chemical disposition, and 4) transporter expression affects cholesterol transport and susceptibility to gallstone formation

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