

Translational Research Training Program in Environmental Health Faculty Trainers (August 2016)

Name/Degree(s)	Research Interest
Albelda, Steven, MD	Carcinogen Exposure and Lung Cancer and Mesothelioma
Axelsen, Paul, MD	Lipid Oxidation and Alzheimer's Disease
Bartolomei, Marisa, PhD	DNA Methylation and Gene Imprinting
Baur, Joseph, PhD	Sirtuins and Aging
Beers, Michael, MD	Role of Lung Surfactants in Health and Disease
Shelley Berger, PhD	Histone Code and Gene Transcription
Blair, Ian, PhD.	Biomarkers of Oxidative Stress and Human Disease
Branas, Charles, PhD	Environmental Cartographic Mapping
Brown, Eric, PhD	Repair and Replication Fork Collapse
Christie, Jason, MD, MSCE	Idiopathic Pulmonary Fibrosis
Coutifaris, Christos, MD	Environmental Exposures and Infertility
Edward, Emmett, MD, MS	Environmental Epidemiology
Feldser, David, PhD	Physiological Role of p53, Rb, and Kras in Lung Cancer
Field, Jeffrey, PhD	Reactive Oxygen Species Mutagenesis of p53
Fisher, Aron, MD	Lung Surfactant and Ischemic Lung Injury
FitzGerald, Garret, MD	Cardiovascular / Neurodegenerative Disease and Circadian Rhythm
Garcia, Ben, PhD	Histone Post-translational Modification and Epigenetics
Gerton, George, PhD	Sperm and Egg Interactions and Infertility
Reto Giere, PhD	Health Effects of Ultrafine Particles
Grant, Struan, PhD	Diabetes and Obesity
Blanca Himes, PhD	GWAS Studies on Asthma
Dongheun Huh, PhD	Organ-on-a-CHIP
Wei-Ting Hwang, PhD	Cluster Analysis in Environmental Epidemiology
Ischiropoulos, Harry, PhD	Proteomic Changes and Nitrate Stress
Jordan-Sciutto, Kelly, PhD	Keap-1-Nrf2 System and Neurodegenerative Disease
Kazanietz, Marcelo, PhD	Lung Carcinogenesis & PKC Isoforms
Li, Hongzhe, PhD	Statistical Methods for Pathway Analysis
Liu, Jianghong, PhD, RN	Environmental Exposures and Childhood Development
Moore, Jason, PhD	Integrated Informatics Using "omics" Based Data
Morrissey, Ed, PhD	Lung Injury and Repair
Muzykantov, Vladimir, MD, PhD	Targeted Delivery of Antioxidant Therapy
Nathanson, Katherine, MD	Genetic Susceptibility Testicular Germ Cell Tumors
Pack, Michael, MD	Genetic Screens of 21 st TOX Compound Libraries in Zebra fish
Parry, Samuel, MD	Environmental Triggers and Pre-Term Birth
Penning, Trevor, PhD	Human Aldo-Keto Reductases & Carcinogenesis

Name/Degree(s)	Research Interest
Raizen, David, MD, PhD	The Regulation and Function of Sleep
Simmons, Rebecca, MD	Developmental Programming of Adult Disease
Testa, Joseph, PhD	Tumor Suppressor Gene Knockout Mice and Mesothelioma
Tishkoff, Sarah, PhD	African Genetic Diversity
Anil Vachani, MD, MS	Earlier Detection of Thoracic Malignancies
Wiebe, Doug, PhD	Geospatial & Geotemporal Mapping of Environmental Exposure