

UofL Environmental Health Sciences Training Program
Faculty Mentors

Name/Degree	Position/Department	Research Area
Gavin E. Arteel, PhD	Professor of Pharmacology and Toxicology	Arsenic and liver disease
Shirish S. Barve, PhD	Professor of Medicine	Immunosuppression; liver diseases; hepatocarcinogenesis
Paula Bates, PhD	Associate Professor of Medicine	Tumor-targeting oligonucleotides
Kathy Baumgartner, PhD	Professor of Epidemiology and Population Sciences	Molecular epidemiology
Richard Baumgartner, PhD	Professor and Chair of Epidemiology and Population Sciences	Molecular epidemiology
Aruni Bhatnagar, PhD	Professor of Medicine	Environmental cardiology; aldehydes and other pollutants
Hari Bodduluri, PhD	Professor of Microbiology and Immunology	Chemokines and inflammation
Roberto Bolli, MD	Professor of Medicine and Chief of Cardiovascular Medicine	Environmental cardiology; oxygen radicals
Douglas Darling, PhD	Professor of Period, Endo and Dental Hygiene	Embryogenesis; genomics; development, gene regulation
Steven Ellis, PhD	Professor of Biochemistry and Molecular Biology	Ribosomal function and anemia
Paul Epstein, PhD	Professor of Pediatrics	Oxidative stress; diabetic damage to cardiac mitochondria

Rodney Folz, MD, PhD	Professor and Chief of Pulmonary Medicine	Mechanisms of lung injury
Evelyne Gozal, PhD	Associate Professor of Pediatrics	Hypoxia
Robert Greene, PhD	Professor and Director, Birth Defects Center	Developmental defects
Ronald Gregg, PhD	Professor and Chair of Biochemistry and Molecular Biology	Signal transduction; impact of mutations on retinal function and structure
Ramesh Gupta, PhD	Professor of Pharmacology and Toxicology	Anti-oxidants; DNA damage; chemical carcinogenesis
David W. Hein, PhD	Professor and Chair of Pharmacology and Toxicology	Molecular epidemiology; pharmaco/toxicogenetics
Michal Hetman, PhD	Professor of Neurological Surgery	DNA damage; survival signaling
Gary Hoyle, PhD	Professor of Environmental and Occupational Health Sciences	Asthma, lung injury
Sham Kakar, PhD	Professor of Physiology and Biophysics	Ovarian cancer
Brad Keller, MD	Professor of Pediatrics and Bioengineering	Cardiovascular bioengineering; Heart repair and regeneration
La Creis Kidd, PhD, MPH	Associate Professor of Pharmacology and Toxicology	Prostate cancer among African-American men
Carolyn Klinge, PhD	Professor of Biochemistry and Molecular Biology	Breast cancer; estrogens

Nobuyuki Matoba, PhD	Associate Professor of Pharmacology and Toxicology	Development of vaccines and antivirals, mucosal immune response to foreign substances, and plant biotechnology for human health
Craig McClain, MD	Professor of Medicine	Cytokines, nutrition and the environment in liver diseases
Donald Miller, MD, PhD	Professor and Director of James Graham Brown Cancer Center	Oligonucleotides; melanoma; vaccine development
Robert Mitchell, PhD	Associate Professor of Medicine	Pro-inflammatory cytokine, and migration inhibitory factor in de novo and carcinogen-mediated tumorigenesis
Rachel E. Neal, PhD	Assistant Professor of Environmental and Occupational Health Sciences	Toxicity biomarkers of developmental cigarette smoke exposure
Kenneth E. Palmer, PhD	Professor of Pharmacology and Toxicology	Development of vaccines and antiviral proteins to prevent and treat viral diseases that predispose people to cancer
William Pierce Jr., PhD	Professor of Pharmacology and Toxicology	Mass spectrometry
Michele Pisano, PhD	Professor, Birth Defects Center	Perinatal breast cancer programming
Jesse Roman, MD	Professor and Chair of Medicine	Interstitial lung disease; pulmonary fibrosis; lung cancer
David Samuelson, PhD	Associate Professor of Biochemistry and Molecular Biology	Genetic susceptibility to breast cancer and systems genetics
Zhao-Hui Song, PhD	Professor of Pharmacology and Toxicology	Structure and function of cannabinoids

Sanjay Srivastava, PhD	Professor of Medicine	Environmental cardiology; aldehydes
J Christopher States, PhD	Professor of Pharmacology and Toxicology	Arsenic; DNA repair
David Tollerud, MD, MPH	Professor and Chair of Environmental and Occupational Health Sciences	Environmental pollution on asthma and other health problems, particularly among children, the elderly and inner-city disadvantaged populations
Suresh Tyagi, PhD	Professor of Physiology and Biophysics	Endothelial-myocyte uncoupling in cardiac arrhythmia
Roland Valdes, PhD	Professor of Pathology and Laboratory Medicine	Pharmacogenetics
Brian Wattenberg, PhD	Associate Professor of Medicine	Hypoxic preconditioning; tumorigenesis
Qunwei Zhang, MD, MPH, PhD	Associate Professor of Environmental and Occupational Health Sciences	Pulmonary toxicology; genotoxic and carcinogenic effects of nanoparticles