

**UofL Environmental Health Sciences Training Program  
Faculty Mentors**

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

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

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<b>Carolyn Klinge, PhD</b>	Professor of Biochemistry and Molecular Biology	Breast cancer; estrogens
<b>Craig McClain, MD</b>	Professor of Medicine	Cytokines, nutrition and the environment in liver diseases
<b>Donald Miller, MD, PhD</b>	Professor and Director of James Graham Brown Cancer Center	Oligonucleotides; melanoma; vaccine development
<b>Robert Mitchell, PhD</b>	Associate Professor of Medicine	Pro-inflammatory cytokine, and migration inhibitory factor in de novo and carcinogen-mediated tumorigenesis
<b>Rachel E. Neal, PhD</b>	Assistant Professor of Environmental and Occupational Health Sciences	Toxicity biomarkers of developmental cigarette smoke exposure
<b>Kenneth E. Palmer, PhD</b>	Associate Professor of Pharmacology and Toxicology	Development of vaccines and antiviral proteins to prevent and treat viral diseases that predispose people to cancer
<b>William Pierce Jr., PhD</b>	Professor of Pharmacology and Toxicology	Mass spectrometry
<b>Michele Pisano, PhD</b>	Professor, Birth Defects Center	Perinatal breast cancer programming
<b>Russell Prough, PhD</b>	Professor of Biochemistry and Molecular Biology	Foreign compound metabolism; gene regulation by nuclear transcription factors
<b>Kenneth Ramos, PhD</b>	Professor of Biochemistry and Molecular Biology	Genetic and molecular mechanisms of environmental disease with emphasis on transcriptional control, functional genomics and bioinformatics

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<b>Jesse Roman, MD</b>	Professor and Chair of Medicine	Interstitial lung disease; pulmonary fibrosis; lung cancer
<b>David Samuelson, PhD</b>	Assistant Professor of Biochemistry and Molecular Biology	Genetic susceptibility to breast cancer and systems genetics
<b>Zhao-Hui Song, PhD</b>	Professor of Pharmacology and Toxicology	Structure and function of cannabinoids
<b>Sanjay Srivastava, PhD</b>	Associate Professor of Medicine	Environmental cardiology; aldehydes
<b>J Christopher States, PhD</b>	Professor of Pharmacology and Toxicology	Arsenic; DNA repair
<b>David Tollerud, MD, MPH</b>	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
<b>Suresh Tyagi, PhD</b>	Professor of Physiology and Biophysics	Endothelial-myocyte uncoupling in cardiac arrhythmia
<b>Roland Valdes, PhD</b>	Professor of Pathology and Laboratory Medicine	Pharmacogenetics
<b>Brian Wattenberg, PhD</b>	Associate Professor of Medicine	Hypoxic preconditioning; tumorigenesis
<b>Qunwei Zhang, MD, MPH, PhD</b>	Assistant Professor of Environmental and Occupational Health Sciences	Pulmonary toxicology; genotoxic and carcinogenic effects of nanoparticles

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