

Postdoctoral Trainees



Mohammad A. Al-Ghoul, PhD

- **Dates of Appointment:** July 1, 2009 to June 30, 2010
- **Mentors:** Craig J. McClain, MD and Roland Valdes, Jr., PhD
- **Department:** Pathology and Laboratory Medicine
- **Research Project:** Endogenous biomarkers and agents in cancer prevention



Juliane I. Beier, PhD

- **Dates of Appointment:** July 1, 2009 to June 30, 2011
- **Mentors:** Gavin E. Arteel, PhD and Craig J. McClain, MD
- **Department:** Pharmacology and Toxicology
- **Research Project:** Role of the coagulation cascade in hepatic injury and restitution



Yiqun Mo, MD, PhD

- **Dates of Appointment:** July 1, 2009 to June 30, 2011
- **Mentors:** David J Tollerud, MD, MPH and Qunwei Zhang, MD, MPH, PhD
- **Department:** Environmental and Occupational Health Sciences
- **Research Project:** Health effects of ambient ultrafine particles and engineered nanoparticles



Yanci O. Mannery, PhD

- **Dates of Appointment:** July 1, 2010 to June 30, 2012
- **Mentor:** Craig J. McClain, MD
- **Department:** Medicine
- **Research Project:** Mechanisms and treatment of alcoholic, non-alcoholic, and toxicant-associated steatohepatitis



Lori M. Millner, PhD

- **Dates of Appointment:** August 1, 2011 June 30, 2013
- **Mentor:** Roland Valdes, Jr, PhD and Mark Linder, PhD
- **Department:** Pathology and Laboratory Medicine
- **Research Project:** Characterization of genetic and epigenetic modifications at the single cellular level



Katherine S. Bourcy, PhD

- **Dates of Appointment:** August 1, 2011 July 31, 2013
- **Mentor:** David W. Hein, PhD and Jan Sullivan, MD
- **Departments:** Pharmacology & Toxicology/ Pediatrics
- **Research Project:** Role of human arylamine N-acetyltransferase 1 in cell proliferation, carcinogenesis and birth defects



Smita S. Ghare, PhD

- **Dates of Appointment:** July 1, 2012 to June 30, 2015
- **Mentor:** Craig J. McClain, MD
- **Department:** Medicine
- **Research Project:** The impact of environmental factors on highly active antiretroviral therapy -induced hepatotoxicity



Scott C. Smith, PhD

- **Dates of Appointment:** July 1, 2013 to June 13, 2015
- **Mentors:** Robert Greene, PhD and Michelle Pisano, PhD
- **Department:** Birth Defects Center
- **Research Project:** Epigenetic and developmental consequences of environmental tobacco smoke exposure



Adam Perez, PhD

- **Dates of Appointment:** November 1, 2016 to October 31, 2017
- **Mentor:** John P. Wise, Sr., PhD
- **Department:** Pharmacology and Toxicology
- **Research Project:** Chromate induced pluripotent stem cells in the lung as a possible mechanism for development of lung epithelial carcinomas.



Sadiatu Musah, PhD

- **Dates of Appointment:** February 1, 2017 to December 31, 2018
- **Mentor:** Gary Hoyle PhD
- **Department:** Environmental and Occupational Health Sciences
- **Research Project:** Therapeutic efficacy of an inhaled corticosteroid and a long-acting adrenergic agonist for treating multiple aspects of chlorine-induced lung injury.



Tayler Croom-Perez, PhD

- **Dates of Appointment:** December 1, 2017 to November 30, 2019
- **Mentor:** John P. Wise, Sr., PhD
- **Department:** Pharmacology and Toxicology
- **Research Project:** Mechanisms of hexavalent chromium-induced carcinogenesis



Banrida Wahlang, PhD

- **Dates of Appointment:** March 1, 2019 to February 28, 2021
- **Mentor:** Matthew C. Cave, M.D.
- **Department:** Medicine
- **Research Project:** Evaluating mechanisms of sex differences in environmentally-induced metabolic diseases



Johnny Wise Jr., PhD

- **Dates of Appointment:** July 1, 2019 to June 30, 2021
- **Mentor:** Lu Cai, M.D., Ph.D.
- **Department:** Pediatrics
- **Research Project:** Chromium-induced DNA strand breaks and alterations in DNA repair exacerbate diabetes-induced cardiotoxicity and neurotoxicity



Josiah E. Hardesty, PhD

- **Dates of Appointment:** December 1, 2019 to April 30, 2020*.
- **Mentor:** Irina Kirpich, Ph.D.
- **Department:** Medicine
- **Research Project:** RvD1-FPR2 signaling ameliorates alcoholic liver disease

*T32 appointment ended early to accept individual NIH F32AA027950 postdoctoral fellowship.



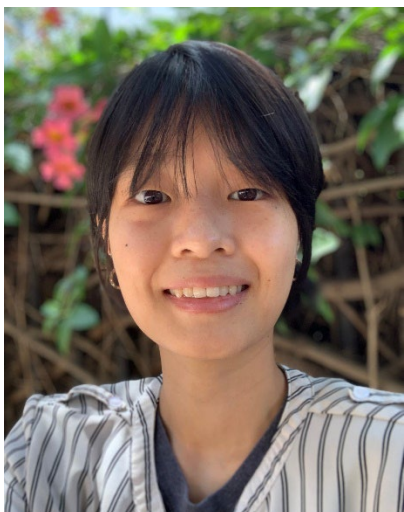
James T.F. Wise, PhD

- **Dates of Appointment:** July 1, 2020 to June 30, 2022
- **Mentor:** David W. Hein, Ph.D.
- **Department:** Pharmacology & Toxicology
- **Research Project:** Role of N-acetyltransferases in heavy metal induced carcinogenesis



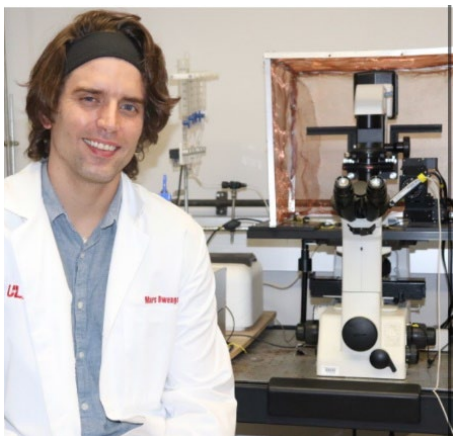
Alexandra N. Nail, PhD

- **Dates of Appointment:** March 1, 2021 to February 28, 2023
- **Mentor:** J. Christopher States, Ph.D.
- **Department:** Pharmacology & Toxicology
- **Research Project:** Arsenic-induced Chromosomal Instability and DNA Damage Response Dysregulation



Jin Chen, PhD

- **Dates of Appointment:** September 15, 2021 to December 31, 2023
- **Mentor:** Aruni Bhatnagar, Ph.D. and Sanjay Srivastava, Ph.D.
- **Department:** Medicine
- **Research Project:** The effect of plant-derived biogenic volatile organic compounds on preventing cardiovascular disease



Marc M. Dwenger, PhD

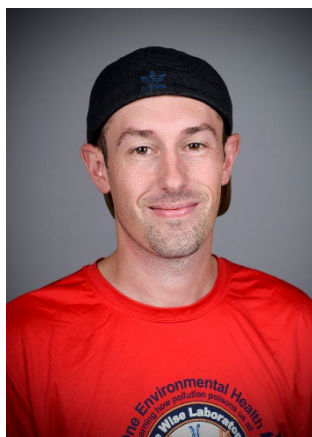
- **Dates of Appointment:** July 1, 2022 to June 30, 2024
- **Mentor:** Matthew A. Nystoriak, Ph.D.
- **Department:** Medicine
- **Research Project:** Cardiovascular toxicity from environmental chemicals

NIEHS T32- ES011564 Training Grant in Environmental Health Sciences



Saurin Sutaria, PhD

- **Dates of Appointment:** March 1, 2023 to present
- **Mentor:** Sanjay Srivastava, Ph.D.
- **Department:** Medicine
- **Research Project:** Beneficial effects of plant-derived volatile organic chemicals in preventing endothelial dysfunction and atherosclerosis.



Sean Raph, PhD

- **Dates of Appointment:** January 1, 2024 to present
- **Mentor:** Alex Carll, Ph.D., M.S.P.H.
- **Department:** Physiology
- **Research Project:** mechanisms through which extreme heat exacerbates the cardiovascular toxicity of inhaled toxicants.