

**CEET T32 Faculty Trainers
(2023-2024)**

Name	Research Interest	Email
Albelda, Steven, MD	Carcinogen Exposure and Lung Cancer and Mesothelioma	albelda@penntmedicine.upenn.edu
Axelsen, Paul, MD	Lipid Oxidation and Alzheimer's Disease	axe@upenn.edu
Bartolomei, Marisa, PhD	DNA Methylation and Gene Imprinting	bartolom@penntmedicine.upenn.edu
Beers, Michael, MD	Role of Lung Surfactants in Health and Disease	mfbeers@penntmedicine.upenn.edu
Bernstein, Kara, PhD	Molecular Mechanism of DNA double-strand Break Repair and	kara.bernstein@Penntmedicine.upenn.edu
Blair, Ian, PhD	Biomarkers of Oxidative Stress and Human Disease	ianblair@upenn.edu
Brady, Donita, PhD	Homeostasis and Cancer	bradyd@penntmedicine.upenn.edu
Bucan, Maja, PhD	Genetic Dissection of Complex Behaviors	bucan@penntmedicine.upenn.edu
Burris, Heather, MD, MPH	Environmental Health, Epidemiology, Health Equity, Maternal and Child Health, Racism, Social Determinants of Health, Women's Health	burrish@chop.edu
Capell, Brian C., MD, PhD	Epigenetic and Epitranscriptomic Mechanisms	capellb@penntmedicine.upenn.edu
Chen, Aimin, MD, PhD	Environmental Epidemiology, Perinatal and Pediatric Epidemiology	aimin.chen@penntmedicine.upenn.edu
Christie, Jason, MD, MSCE	Idiopathic Pulmonary Fibrosis	jason.christie@penntmedicine.upenn.edu
Feldser, David, PhD	Mouse Models of Oncogene and Tumor Suppressor Gene Mutations and Their Effect on Lung Cancer Progression	dfeldser@upenn.edu
Field, Jeffrey, PhD	Reactive Oxygen Species Mutagenesis of p53	jfield@upenn.edu
Heller, Elizabeth, PhD	The Causal Mechanisms by which Epigenetic Reprogramming Contributes to Neuropsychiatric Disease	eheller@penntmedicine.upenn.edu
Henrickson, Sarah, MD, PhD	Human Immunology, Immune Dysregulation, Mouse Models of Disease, Primary Immune Deficiency, Asthma, Obesity	henricksonS@chop.edu
Himes, Blanca, PhD	GWAS Studies on Asthma	bhimes@penntmedicine.upenn.edu
Huh, Dongheun, PhD	Organ-on-a-CHIP	huhd@seas.upenn.edu
Hwang, Wei-Ting, PhD	Cluster Analysis in Environmental Epidemiology	whwang@penntmedicine.upenn.edu
Ischiropoulos, Harry, PhD	Proteomic Changes and Nitritive Stress	ischirop@penntmedicine.upenn.edu
Johnson, A.T. Charlie, PhD	Graphene-Aptamer Chemosensors for Water Contaminants	cjohnson@physics.upenn.edu
Jordan-Sciutto, Kelly, PhD	Keap-1-Nrf2 System and Neurodegenerative Disease	jordank@upenn.edu
Kazanietz, Marcelo, PhD	Lung Carcinogenesis & PKC Isoforms	marcelog@penntmedicine.upenn.edu
Korb, Erica, PhD	Intersection of Neuroscience and Epigenetics	ekorb@penntmedicine.upenn.edu
Lingappan, Krithika, MD, MS, PhD	Molecular Mechanisms Underlying the Effect of Environmental Exposures and Outcomes, such as BPD in Premature Neonates and the Role of Sex as a Biological Variable	lingappank@chop.edu
Liu, Jianghong, PhD, RN	Environmental Exposures and Childhood Development	jhliu@nursing.upenn.edu

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Name	Research Interest	Email
McGrath-Morrow, Sharon, MBA, MD	Early Determinants of Adult Pulmonary Outcomes	mcgrathmos@chop.edu
Mesaros, Clementina, PhD	Assays for Metabolites Involved in Cellular Oxidative Stress	mesaros@penndmedicine.upenn.edu
Ming, Guo-Li, MD, PhD	Molecular Mechanisms Underlying Neuronal Development and Mental Disorders	gming@penndmedicine.upenn.edu
Morrissey, Edward, PhD	Lung Injury and Repair	emorrise@upenn.edu
Muzykantov, Vladimir, MD, PhD	Targeted Delivery of Antioxidant Therapy	muzykant@penndmedicine.upenn.edu
Naidoo, Nirinjini, PhD	Proteostatic Mechanisms Underlying Age Related Changes in Sleep and Wake Regulation	naidoo@penndmedicine.upenn.edu
Nathanson, Katherine, MD	Genetic Susceptibility Testicular Germ Cell Tumors	knathans@upenn.edu
Pack, Michael, MD	Genetic Screens of 21st TOX Compound Libraries in Zebra fish	mpack@penndmedicine.upenn.edu
Parry, Samuel, MD	Environmental Triggers and Pre-Term Birth	parry@penndmedicine.upenn.edu
Penning, Trevor, PhD	Human Aldo-Keto Reductases & Carcinogenesis	penning@upenn.edu
Pinney, Sara, MD, MSCE	Developmental Origins of Adult Diseases Such as Diabetes and Obesity	pinneys@chop.edu
Raizen, David, MD, PhD	The Regulation and Function of Sleep	raizen@penndmedicine.upenn.edu
Schisterman, Enrique, PhD, MA	Biostatistics, Epidemiology, Epidemiological Methods, Reproductive Epidemiology	enrique.schisterman@penndmedicine.upenn.edu
Seykora, John T., MD, PhD	Interface of UV Radiation and Keratinocyte Biology	seykora@penndmedicine.upenn.edu
Simmons, Rebecca, MD	Developmental Programming of Adult Disease	rsimmons@penndmedicine.upenn.edu
Strasser, Andrew, PhD	Smoking Behavior, Nicotine Addiction, Low Dose Nicotine Cigarettes	strasse3@penndmedicine.upenn.edu
Strauss, Jerome, MD, PhD	Pre-term Birth and Polycystic Ovarian Syndrome	jerome.strauss@penndmedicine.upenn.edu
Tishkoff, Sarah, PhD	African Genetic Diversity	tishkoff@penndmedicine.upenn.edu
Vachani, Anil, MD, MS	Earlier Detection of Thoracic Malignancies	avachani@penndmedicine.upenn.edu
Veasey, Sigrid, MD	Lead and Sleep Disorders	veasey@penndmedicine.upenn.edu
Weljie, Aalim M., PhD	Interaction of Sleep and Circadian Rhythms with Metabolism	aalim@penndmedicine.upenn.edu
Wells, Rebecca, MD	Environmental Exposures and Biliary Atresia	rgwells@penndmedicine.upenn.edu