

Participating Faculty Members

Name/Degree(s)	Rank	Primary (& Secondary) Appointments	Role in Program	Research Interest
Arthur, John, MD	Assoc Prof	Medicine/Nephrology	Mentor	urinary proteomic analysis and renal diseases
Baliga, Prabhakar, MD	Professor	Surgery/Transplant	Emerging Mentor	kidney, liver, and small bowel transplantation
Ball, Lauren, PhD	Asst Prof	Cell and Molecular Pharmacology	Emerging Mentor	insulin receptor and (IGF-1) receptor signaling pathways
Beeson, Craig, PhD	Assoc Prof	Pharmaceutical Sciences	Mentor	T cell biology, MHC peptide interactions, glucose transport
Bell, P. Darwin, PhD	Professor	Medicine/Nephrology (Pharmaceutical Sciences)	Mentor	tubuloglomerular feedback in polycystic kidney disease
Buse, Maria, MD, PhD	Professor	Medicine/Endocrinology	Mentor	insulin receptor regulation and signaling
Carter, Rickey, PhD	Asst Prof	Biostatistics, Bioinformatics & Epidemiology	Emerging Mentor	longitudinal data and hierarchical linear models
Chavin, Kenneth, MD, PhD	Professor	Surgery/Transplant Surgery (Microbiology & Immunology)	Mentor	liver transplantation and regeneration
Coaxum, Sonya, PhD	Asst Prof	Medicine/Nephrology	Emerging Mentor	structural aspects of the G protein-coupled 5-HT1A receptor
Cotton, Peter, MD	Professor	Medicine/Gastroenterology	Mentor	gastrointestinal endoscopy and interventions
Crouch, Rosalie K, PhD	Professor	Ophthalmology (Biochemistry)	Mentor	diabetic retinopathy, G protein receptors
DeLegge, Mark, MD	Professor	Medicine/Gastroenterology	Mentor	endoscopic management of obesity
Diaz, Vanessa, MD	Asst Prof	Family Medicine	Emerging Mentor	Latino health and cardiovascular risk factors
Donovan, Jennifer PhD	Asst Prof	Psychiatry & Behavioral Sci	Emerging Mentor	mechanisms of action of phytochemicals
Durkalski, Valerie, PhD	Assoc Prof	Biostatistics, Bioinformatics & Epidemiology	Emerging Mentor	analysis of clustered categorical data
Egan, Brent, MD	Professor	Medicine/Internal Medicine	Mentor	metabolic syndrome, treatment resistant hypertension
Egede, Leonard, MD	Professor	Medicine/Internal Medicine	Program Dir, Mentor	psychosocial factors, race / ethnicity, and health outcomes
Garnovskaya, Maria N., PhD	Assoc Prof	Medicine/Nephrology	Mentor	signaling pathways of GPCRs and receptor tyrosine kinases
Gilkeson, Gary, MD	Professor	Medicine/Rheumatology (Microbiology & Immunology)	Mentor	molecular studies of systemic lupus erythematosus
Gooz, Monika, MD, PhD	Asst Prof	Medicine/Nephrology	Mentor	role of interceptor crosstalk in glomerular cells
Hermayer, Kathie, MD	Professor	Medicine/Endocrinology	Mentor	insuling protocol in diabetes and renal transplantation
Huang, Yan, MD, PhD	Assoc Prof	Medicine/Endocrinology	Mentor	inflammation-associated gene expression
Hunt, Kelly, PhD	Asst Prof	Biostatistics, Bioinformatics & Epidemiology	Mentor	gestational diabetes, genetic epidemiology
Janech, Michael G., PhD	Asst Prof	Medicine/Nephrology	Emerging Mentor	Identification of urine protein markers of glomerular disease
Jenkins, Carolyn, RN, DrPH	Professor	Nursing	Mentor	diabetes and community health

Kelechi, Theresa, RN, PhD	Assoc Prof	Nursing	Mentor	chronic venous disorders; wound healing in diabetic patients
Kirkwood, Keith, DDS, PhD	Assoc Prof	Oral Biology/Dental Medicine	Mentor	periodontal disease innate immune response
Kolb, Robert J, PhD	Asst Prof	Pediatrics	Emerging Mentor	role of cilium in glomerular podocyte cells
Krupenko, Sergey, PhD	Assoc Prof	Biochemistry and Molecular Biology	Mentor	protein structure and function, enzyme mechanisms & regulation
Lackland, Daniel, DrPH	Professor	Biostatistics, Bioinformatics & Epidemiology	Mentor	risk assessment of cardiovascular disease and hypertension
Leite, Renata, DMD	Asst Prof	Oral Biology/Dental Medicine	Emerging Mentor	relationship between periodontal disease and type 2 diabetes
Lemasters, John, MD, PhD	Professor	Pharmaceutical Sciences (Biochemistry & Molecular Biology)	Mentor	mechanisms underlying hypoxic and toxic injury
Lopes-Virella, Maria, MD, PhD	Professor	Medicine/Endocrinology	Mentor	mechanisms of macrovascular disease in diabetes mellitus
Luttrell, Louis, MD, PhD	Professor	Medicine/Endocrinology (Biochemistry & Molecular Biology)	Mentor	G protein-coupled receptor signaling and beta-arrestins
Mainous, Arch, PhD	Professor	Family Medicine	Mentor	social psychology, racial disparities in diabetes
Nowling, Tamara, PhD	Asst Prof	Medicine/Rheumatology	Emerging Mentor	transcriptional regulation of genes involved in the immune system
Pandey, Janardan, PhD	Professor	Micro & Immunology	Mentor	immunogenetics, hepatitis C virus infection
Raymond, John, MD	Professor	Medicine/Nephrology	Mentor	G protein-coupled receptors, 5HT and signaling
Reaves, Titus, PhD	Asst Prof	Cell Biology & Anatomy	Mentor	role of periostin in neutrophil migration across intestine
Romagnuolo, Joseph, MD	Assoc Prof	Medicine/Gastroenterology	Emerging Mentor	pancreatobiliary disease, imaging, and endoscopic therapy
Schnellmann, Rick, PhD	Professor	Pharmaceutical Sciences (Biochemistry & Molecular Biology)	Mentor	cell injury, death, and regeneration
Schoepf, Joseph, MD	Professor	Radiology	Mentor	imaging, use of multi detector-row CT
Slate, Elizabeth, PhD	Professor	Biostatistics, Bioinformatics and Epidemiology	Mentor	Bayesian methods; change point models; longitudinal study design
Smith, Alison, DVM	Professor	Comparative Medicine	Emerging Mentor	organ preservation techniques
Smolka, Adam, PhD	Professor	Medicine/Gastroenterology	Mentor	structure-function relationships in gastric proton pump
Soule, Jeremy, MD	Asst Prof	Medicine/Endocrinology	Emerging Mentor	intensive diabetes therapy, insulin pumps and general endocrinology
Tomlinson, Stephen, PhD	Professor	Microbiology and Immunology	Mentor	membrane-bound complement inhibitory proteins
Vela Aquino, Marcelo, MD	Assoc Prof	Medicine/Gastroenterology	Emerging Mentor	GERD, esophageal motility disorders
Velez, Juan Carlos Q., MD	Asst Prof	Medicine/Nephrology	Emerging Mentor	intraglomerular renin-angiotensin system and renal ultrasonography
Wagner, Carol, MD	Professor	Pediatrics	Mentor	Vitamin D metabolism / nutrition