

Table 2. Participating Faculty Members

Name	Degree(s)	Rank	Primary Department or Program	Research Interest	Training Role	Pre-doctorates In Training	Pre-doctorates Graduated	Pedagogates Continued in Research or Related Careers	Post-doctorates In Training	Post-doctorates Completed Training	Postdoctorates Continued in Research or Related Careers
Abel, Edwin (Ted) G.	PhD	Prof. & Deo	Pharmacology	Learning, memory and sleep in mouse models	Preceptor Other	3	10	9	3	11	11
Anderson, Ethan J.	PhD	Assoc. Prof.	PSET	Mitochondrial biology, redox and lipid raft signaling, cardiac complications of diabetes & sepsis.	Preceptor	5	4	4	1	2	1
Anderson, Michael G.	PhD	Prof.	Molecular Physiology & Biophysics	Ophthalmic genetics, primarily studied with mouse models	Preceptor Exec. Comm.	1	3	3	1	5	5
Bassuk, Alexander G.	MD, PhD	Prof.	Neuroscience	Molecular and genetic mechanisms of epilepsy	Preceptor	3	4	4	1	0	0
Boudreau, Ryan L.	PhD	Assoc. Prof.	Molecular Medicine	Genetic and molecular mechanisms of disease	Preceptor	1	0	0	2	1	1
Brogden, Nicole K.	PhD	Asst. Prof.	PSET	Topical and transdermal drug delivery	Preceptor	3	1	1	2	2	1

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Cornell, Robert A.	PhD	Prof.	Cell and Developmental Biology	Developmental genetics	Preceptor	1	7	7	3	6	5
DeMali, Kris A.	PhD	Prof. & Interim DEO	Biochemistry	Assembly and maintenance of cell-cell adhesions	Preceptor Other	3	7	7	0	1	1
Dlouhy, Brian J.	MD	Asst. Prof.	Neuroscience	Epilepsy mechanisms	Preceptor	1	0	0	0	0	0
Dodd, Rebecca D.	PhD	Asst. Prof.	Cancer Biology	Mouse models of cancer, preclinical drug models	Preceptor Exec. Comm.	3	0	0	0	0	0
Doorn, Jonathan A.	PhD	Prof.	PSET	Mechanism of pathogenesis for Parkinson's disease	Preceptor	4	6	6	0	2	2
Dupuy, Adam J.	PhD	Assoc. Prof.	Cancer Biology	Cancer genetics, bioinformatics	Preceptor Other Comm Other	2	6	6	0	1	1
Fisher, Rory A.	PhD	Prof.	Pharmacology	G protein-coupled receptors and RGS proteins	Preceptor Other Comm	1	1	1	0	5	5
Frank, Carl Andrew	PhD	Assoc. Prof.	Neuroscience	Synapse Function	Preceptor	1	4	4	2	0	0

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Friestad, Gregory K.	PhD	Assoc. Prof.	Chemistry	Chemical synthesis, natural products, medicinal chemistry	Preceptor	4	7	7	0	0	0
Fuentes, Ernesto J.	PhD	Assoc. Prof.	Biochemistry	Structural mechanisms governing signal transduction pathways	Preceptor Exec. Comm. Other Comm	1	5	5	0	5	5
Gaine, Marie E.	PhD	Asst. Prof.	PSET	The genetics and epigenetics underlying psychiatric disorders	Preceptor	1	0	0	0	0	0
Gantz, Stephanie C.	PhD	Asst. Prof.	Molecular Physiology and Biophysics	Ion channel mechanisms of G protein coupled receptor signaling	Preceptor	0	0	0	0	0	0
Hammond, Donna L.	PhD	Prof.	Pharmacology	Neurobiology of persistent pain after peripheral injury	Preceptor	0	4	4	0	2	2

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Henry, Michael D.	PhD	Prof.	Molecular Physiology & Biophysics	Biology and therapy of metastatic disease	Preceptor	1	5	5	1	4	4
Hultman, Rainbo	PhD	Asst. Prof.	Molecular Physiology & Biophysics	Brain network mechanisms of stress and migraine	Preceptor	1	0	0	0	0	0
Lentz, Steven R.	MD, PhD	Prof.	Molecular Medicine	Mechanisms of thrombosis and vascular dysfunction	Preceptor Other Comm	0	3	3	0	6	5
Limoli, Dominique	PhD	Asst. Prof.	Microbiology	Polymicrobial interactions in cystic fibrosis airway disease	Preceptor	2	0	0	0	0	0
Lin, Fang	MD, PhD	Assoc. Prof.	Cell and Developmental Biology	Genetic, Molecular and cellular mechanisms that control heart morphogenesis using zebrafish as a model system	Preceptor	1	0	0	1	0	0
Marcinkiewicz, Catherine A.	PhD	Asst. Prof.	Pharmacology	Addiction and alcohol dependence, neurodegenerative disease	Preceptor Other Comm	1	0	0	2	0	0

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Maury, Wendy J.	PhD	Prof.	Microbiology	Virus/host interactions	Preceptor	3	5	5	1	2	2
Narayanan, Nandakumar	MD, PhD	Assoc. Prof.	Neuroscience	Frontostriatal circuits in neuropsychiatric disease	Preceptor	1	2	2	3	6	6
Parker, Krystal L.	PhD	Asst. Prof.	Neuroscience	Neuroscience; Parkinson's disease; mice models	Preceptor	4	0	0	0	0	0
Perlman, Stanley	MD, PhD	Prof.	Microbiology	Immunity to coronavirus	Preceptor	3	6	6	5	4	4
Potthoff, Matthew J.	PhD	Assoc. Prof.	Pharmacology	Nutrient Control of Metabolism and Cell Signaling	Preceptor Other Comm Other	2	3	3	2	1	0
Pufall, Miles A.	PhD	Assoc. Prof.	Biochemistry	The biophysical and genomic basis of steroid signaling	Preceptor	0	1	1	0	2	1
Quelle, Dawn E.	PhD	Prof.	Pharmacology	Signaling of the ARF and p53 tumor suppressors	Preceptor Exec. Comm.	2	2	2	0	5	5
Radoshevich, Lilliana	PhD	Asst. Prof.	Microbiology	Listeria infection	Preceptor	2	0	0	0	0	0

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Rahmouni, Kamal	PhD	Prof.	Pharmacology	Pathways that control metabolic and cardiovascular functions	Preceptor	2	3	3	2	4	4
Rice, Kevin G.	PhD	Prof.	PSET	Gene Delivery Systems	Preceptor	1	6	6	0	4	4
Roman, David L.	PhD	Prof.	PSET	Novel drug targets, targeting protein-protein interactions, high throughput screening, cancer, pain, neuroscience	PD/PI Preceptor Exec. Comm.	3	5	5	0	1	1
Russo, Andrew F.	PhD	Prof.	Molecular Physiology & Biophysics	Molecular mechanisms of migraine	Preceptor	3	4	4	0	4	4
Rutkowski, D. Thomas	PhD	Assoc. Prof.	Cell and Developmental Biology	Endoplasmic reticulum stress, metabolism, and liver injury	Preceptor	3	2	2	0	2	2
Sluka, Kathleen A.	PhD	Prof.	Neuroscience	Mechanisms of musculoskeletal pain and analgesia	Preceptor	3	5	5	1	11	10
Spies, Maria	PhD	Prof.	Biochemistry	Molecular machines of DNA repair	Preceptor	4	3	3	1	6	6

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Spies, Michael Ashley	PhD	Assoc. Prof.	PSET	Computer aided drug design and virtual screening	Preceptor	3	4	4	0	1	1
Strack, Stefan	PhD	Prof.	Pharmacology	Mechanisms of neurodegenerative and neurodevelopmental disorders	PD/PI Preceptor Exec. Comm.	3	5	5	2	2	2
Tootle, Tina L.	PhD	Assoc. Prof.	Cell and Developmental Biology	Using genetic tools to determine the mechanisms by which prostaglandin signaling regulates actin dynamics	Preceptor Other Comm Other	2	5	5	2	0	0
Usachev, Yuriy M.	PhD	Prof.	Pharmacology	Ca ²⁺ signaling in chronic pain and neurodegeneration	Preceptor	3	4	4	0	5	5
Washington, M. Todd	PhD	Prof.	Biochemistry	Structure/function of translesion DNA polymerases	Preceptor	4	6	6	0	0	0

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Weeks, Daniel L.	PhD	Prof.	Biochemistry	Genes involved in congenital defects	Preceptor	1	1	1	0	0	0
Welsh, Michael J.	MD, PhD	Prof.	Molecular Physiology & Biophysics	Lung biology, neuroscience, and disease	Preceptor	2	4	4	2	13	13
Wemmie, John A.	MD, PhD	Prof.	Molecular Physiology & Biophysics	Molecular Genetics	Preceptor	2	4	4	2	3	3
Williams, Aislinn J.	MD, PhD	Asst. Prof.	Genetics	Molecular mechanisms of psychiatric risk genes	Preceptor	3	0	0	2	1	1
Williams, Florence J.	PhD	Asst. Prof.	Chemistry	Medicinal Chemistry, Green Chemistry, Organic and Main Group Chemistry	Preceptor Exec. Comm.	4	1	1	1	1	1
Wilson, Mary E.	MD	Prof.	Microbiology	Immunopathogenesis of Leishmaniasis	Preceptor	3	9	9	0	8	8
Yang, Ling	PhD	Assoc. Prof.	Cell and Developmental Biology	Cellular molecular aspect of Obesity-associated metabolic disease	Preceptor	2	0	0	0	2	2