

**Table 2. Participating Faculty Members**

Name	Degree(s)	Rank	Primary Dept	Research Interest	Training Role	Pre-doctorates in Training	Pre-doctorates Graduated	Pre-doctorates Continued in Research or Related Careers	Post-doctorates in Training	Post-doctorates Completed Training	Post-doctorates Continued in Research or Related Careers
Bassuk, Alexander G.	MD, PhD	Prof.	Pediatrics	Molecular and genetic mechanisms of disease	PI/Senior Mentor	1	6	6	3	0	0
Ferguson, Polly J.	MD	Prof.	Pediatrics	Autoinflammatory disease, chronic inflammation	PI/Senior Mentor	0	2	2	4	4	2
Abel, Edwin (Ted) G.	PhD	Prof. & DEO	Neuroscience & Pharmacology	Molecular basis of neurodevelopmental	Senior Mentor	5	10	10	2	12	12
Amendt, Brad A.	PhD	Prof.	Anatomy & Cell Biology	RNA therapeutics and microRNA regulation of development	Senior Mentor	3	9	9	1	1	1
Askelson, Natoshia	PhD, MPH	Assoc Prof.	Community & Behavioral Health	Implementation of evidence-based interventions in rural settings	Junior Mentor	7	4	2	0	0	0
Atasoy, Deniz	PhD	Asst. Prof.	Neuroscience & Pharmacology	Ascending pathways mediating hypoglycemia counterregulation and glucose homeostasis	Junior Mentor	1	0	0	1	0	0
Bermick, Jennifer	MD	Assoc Prof.	Pediatrics	Neonatal immunology, neonatal sepsis, epigenetics	Junior Mentor	2	0	0	3	1	0
Bishop, Gail A.	PhD	Prof.	Microbiology & Immunology	B and T cells signal transduction	Senior Mentor	1	10	10	1	9	9
Block, Robert	PhD	Prof.	Anesthesia	Effects of psychotropic drugs on human cognition and brain	Senior Mentor	0	0	0	0	0	0

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Boes, Aaron	MD, PhD	Assoc Prof.	Pediatrics	Neuroimaging, lesion mapping, brain stimulation	Senior Mentor	5	1	1	0	2	2
Boudreau, Ryan	PhD	Assoc Prof.	Internal Medicine	Genetic and molecular mechanisms of disease	Senior Mentor	1	0	0	1	2	2
Bradley, Catherine	MD, MScE	Prof.	Obstetrics & Gynecology	Clinical/epidemiologic research in pelvic floor disorders	Senior Mentor	2	1	0	1	6	2
Butali, Azeez	DDS PhD	Assoc Prof.	Oral Pathology, Radiology, & Medicine	Dental and craniofacial genetics	Junior Mentor	4	2	2	1	0	0
Campbell, Kevin P.	PhD	Prof. & DEO	Molecular Physiology & Biophysics	Understanding the molecular, cellular and physiological basis of various forms of muscular dystrophy, and on developing therapeutic strategies to treat these diseases	Senior Mentor	0	1	1	4	15	15
Charlton, Mary	MS, PhD	Assoc Prof.	Epidemiology	Cancer surveillance, cancer disparities, and access and quality of cancer care in rural areas.	Senior Mentor	3	3	2	1	1	1
Cho, Josalyn L.	MD	Asst. Prof.	Internal Medicine	Mucosal immunity and inflammatory lung disease	Junior Mentor	1	1	1	1	3	3
Chrischilles, E. Betsy	MS, PhD	Prof. & DEO	Epidemiology	Breast cancer outcomes, pragmatic trials, multi-morbidity	Senior Mentor	2	12	12	0	1	1
Cullen, Joseph J.	MD	Prof.	Surgery	Ascorbate-induced radiosensitization in pancreatic cancer	Senior Mentor	2	0	0	2	7	2

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Darbro, Benjamin	MD, PhD	Assoc Prof.	Pediatrics	Genetic determinants of neuro-developmental disorders	Senior Mentor	3	0	0	0	1	1
Engelhardt, John	PhD	Prof. & DEO	Anatomy & Cell Biology	Molecular basis of cystic fibrosis disease pathologies, and development of gene therapies for this disorder	Senior Mentor	1	8	8	2	13	13
Fischer, Anthony	MD, PhD	Asst. Prof.	Pediatrics	Cystic fibrosis, Staphylococcus aureus infections, genomics, and Meconium Ileus	Junior Mentor	2	2	2	2	1	1
Frey Law, Laura	PhD, PT	Assoc Prof.	Physical Therapy & Rehabilitation Science	Musculoskeletal pain and fatigue	Junior Mentor	0	5	5	0	0	0
Gilbert, Paul	PhD	Assoc Prof.	Community & Behavioral Health	Alcohol use disorders, use of treatment services, and the multiple pathways to recovery	Junior Mentor	0	2	2	0	0	0
Greenlee, Jeremy	MD	Prof.	Neurosurgery	Neural mechanisms of speech production	Senior Mentor	1	2	2	2	10	9
Grumbach, Isabella	MD, PhD	Prof.	Internal Medicine	Mitochondrial function in vascular disease	Senior Mentor	1	1	1	2	9	6
Hadlandsmyth, Katherine	PhD	Asst. Prof.	Anesthesia	Chronic Pain	Junior Mentor	0	0	0	2	0	0

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Hansen, Marlan	MD	Prof. & DEO	Otolaryngology	Multidisciplinary approaches to clinical, translational, and basic investigations broadly related to auditory neurobiology and vestibular schwannoma tumorigenesis	Senior Mentor	2	0	0	3	14	12
Harshman, Lyndsay	MD, MS	Asst. Prof.	Pediatrics	Neurodevelopment, chronic kidney disease	Junior Mentor	2	0	2	0	0	0
Haskell, Sarah	DO	Assoc Prof.	Pediatrics	How the maternal environment impacts heart development, fetal origins of adult cardiovascular disease	Junior Mentor	1	1	1	2	3	0
Hefti, Marco	MD	Asst. Prof.	Pathology	The tau protein in development and neurodegeneration	Junior Mentor	3	1	1	0	0	0
Howard, Matthew A.	MD	Prof.	Neurosurgery	Neural basis of audition; Interventional pain management	Senior Mentor	1	2	2	1	5	5
Huang, Chou-Long	MD, PhD	Prof.	Internal Medicine	Hypertension and cardio-renal disease	Senior Mentor	N/A	N/A	N/A	4	7	7
Jabbari, Ali	MD, PhD	Assoc Prof.	Dermatology	Alopecia areata and cutaneous lymphoma	Junior Mentor	2	0	N/A	1	1	1
Kreder, Karl	MD, MBA	Prof. & DEO	Urology	Chronic pelvic pain bladder disorders	Senior Mentor	0	0	0	1	5	0
Krysan, Damian	MD PhD	Prof.	Pediatrics	Fungal pathogenesis and antifungal drug discovery	Senior Mentor	0	3	3	3	6	4

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LaLumiere, Ryan T.	PhD	Assoc Prof.	Psychological & Brain Sciences	Neurobiology of drug addiction and learning and memory	Senior Mentor	4	4	4	2	1	0
Lehmler, Hans-Joachim	PhD	Prof.	Occupational & Environmental Science	Effect of environmental pollutants on women's health	Senior Mentor	1	3	3	2	9	9
Leira, Enrique C.	MD, MS	Prof.	Neurology	Stroke clinical trials, access to clinical trials to rural populations, helicopter emergency services and stroke	Senior Mentor	0	0	0	2	10	10
Livorsi, Danie J.	MD	Asst. Prof.	Internal Medicine	Antibiotic stewardship & its implementation	Junior Mentor	0	0	0	0	0	0
London, Barry	MD, PhD	Prof.	Internal Medicine	Genetic and molecular basis of sudden cardiac death	Senior Mentor	0	0	0	1	14	9
Lutgendorf, Susan	PhD	Prof.	Psychology & Brain Sciences	Interactions of stress, neuroendocrine hormones, inflammation, and tumor growth; women's health	Senior Mentor	4	6	3	0	0	0
Magnotta, Vincent	PhD	Prof.	Radiology	Development of novel imaging methods to study psychiatric disorders	Senior Mentor	0	5	4	1	5	4
McCray, Paul	MD	Prof.	Pediatrics	Pulmonary innate immunity, host-pathogen interactions, and gene therapy for lung diseases	Senior Mentor	1	5	4	12	9	9

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Michaelson, Jacob	PhD	Assoc Prof.	Psychiatry	Computational psychiatry, genetics, informatics	Senior Mentor	4	1	1	0	2	2
Nandakumar Narayanan	MD, PhD	Assoc Prof.	Neurology	Dopamine and corticostriatal circuits	Senior Mentor	3	3	3	3	6	6
Nopoulos, Peggy	MD	Prof. & DEO	Psychiatry	Neuroimaging, Brain Development	Senior Mentor	0	8	8	0	5	5
O'Rorke, Michael	PhD	Asst. Prof.	Epidemiology	Cancer epidemiology, molecular epi, breast cancer, neuroendocrine tumors, pharmacoepidemiology	Junior Mentor	2	0	0	0	0	0
Perencevich, Eli	MD	Prof.	Internal Medicine	Epidemiology and outcomes of hospital-acquired infections using mathematical models, large administrative databases and multicenter clinical trials	Senior Mentor	1	5	5	3	1	1
Petersen, Christine	DVM, PhD	Prof.	Epidemiology	Immuno-parasitology	Senior Mentor	3	9	9	3	6	6
Pierce, Gary L.	PhD	Prof.	Health & Human Physiology	Vascular function w/ aging, hypertension, preeclampsia, exercise	Senior Mentor	2	2	2	1	5	4

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Polgreen, Philip	MD	Prof.	Internal Medicine	Investigation in the field of infection control and designing ways to improve infectious disease surveillance with specific interest in diabetes and obesity	Senior Mentor	4	15	8	0	7	6
Potthoff, Matthew J.	PhD	Assoc Prof.	Neuroscience & Pharmacology	Nutrient control of metabolism and cell signaling	Senior Mentor	7	3	3	3	1	1
Rakel, Barbara	PhD	Prof.	Nursing	Non-Pharm pain management strategies	Senior Mentor	4	6	3	1	8	6
Reisinger, Heather S.	PhD	Prof.	Internal Medicine	Implementation science, qualitative methods, telemedicine	Senior Mentor	1	6	6	0	3	3
Richerson, George B.	MD, PhD	Prof.	Neurology	SUDEP, epilepsy, control of breathing, Serotonin	Senior Mentor	2	5	3	2	10	6
Romitti, Paul	PhD	Prof.	Epidemiology	Genes/prenatal factors in adverse birth outcomes and cancer	Senior Mentor	1	4	4	0	5	4
Russo, Andrew	PhD	Prof.	Molecular Physiology & Biophysics	Molecular basis of migraine	Senior Mentor	3	4	4	0	4	4
Ryckman, Kelli K.	PhD	Prof.	Epidemiology	Perinatal Health	Senior Mentor	4	5	5	0	0	0
Santillan, Mark	MD, PhD	Assoc Prof.	Obstetrics & Gynecology	Novel diagnostic & therapeutic modalities in preeclampsia	Senior Mentor	0	28	28	4	4	4

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Schultz, Jordan L.	PharmD	Asst Prof.	Psychiatry	Autonomic dysregulation in Huntington's Disease	Junior Mentor	3	2	2	0	0	0
Shy, Michael E.	MD	Prof.	Neurology	Genetic peripheral neuropathies	Senior Mentor	8	2	5	1	11	8
Sluka, Kathleen	PhD	Prof.	Physical Therapy & Rehabilitation Science	Neurobiology of musculoskeletal pain and analgesia	Senior Mentor	3	5	5	2	9	7
Smith, Richard J.H.	MD	Prof.	Otolaryngology	Genetics of hereditary hearing loss and renal diseases	Senior Mentor	8	13	10	5	14	14
Sowers, Levi	PhD	Asst. Prof.	Pediatrics	Underlying neuronal circuitry in migraine and traumatic brain injury induced headache	Junior Mentor	0	0	0	0	0	0
Spitz, Douglas R.	PhD	Prof.	Radiation Oncology	Repurposing drugs to protect normal tissues while sensitizing tumor tissues to therapy using fundamental principles of Free Radical and Radiation Biology	Senior Mentor	4	7	7	1	8	7
Staber, Janice	MD	Assoc Prof.	Pediatrics	Hemophilia Gene Therapy Neuro-cognitive and Psychiatric outcomes	Senior Mentor	4	10	2	2	6	4
Stoltz, David	MD, PhD	Prof.	Internal Medicine	Airway remodeling, challenges, and disease; CF; asthma; mucin biology; lung imaging	Senior Mentor	2	4	4	2	4	3



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Strathearn, Lane	MBB S, PhD	Prof.	Pediatrics	Neurobiology of mother-infant attachment; maternal addiction	Senior Mentor	7	12	2	2	4	3
Tranel, Daniel	PhD	Prof.	Neurology	Cognitive neuroscience and neuro-psychology	Senior Mentor	8	21	20	3	8	8
Tucker, Budd A.	PhD	Prof.	Ophthalmology	Gene and cell therapy for inherited blindness	Senior Mentor	2	3	3	3	6	6
Uc, Aliye	MD	Prof.	Pediatrics	Inflammatory diseases of the pancreas	Senior Mentor	0	4	2	1	7	6
Uc, Ergun Y.	MD	Prof.	Neurology	Cognition, motor function, driving, exercise in Parkinson's disease	Senior Mentor	0	2	0	0	0	2
Vaugh Sarrazin, Mary	PhD	Assoc Prof.	Internal Medicine	Cardiovascular disease, healthcare access and delivery, health care policy	Senior Mentor	2	2	2	8	12	12
Weigel, Ronald J.	MD, PhD	Prof.	Surgery	Determining mechanisms of hormone response in breast cancer	Senior Mentor	1	0	2	2	9	11
Weiner, George J.	MD	Prof.	Internal Medicine	Novel approaches to cancer immunotherapy	Senior Mentor	2	3	3	0	2	2
Welsh, Michael	MD	Prof.	Internal Medicine	Lung biology, neuroscience, and disease	Senior Mentor	2	4	4	2	12	12
Wemmie, John	MD, PhD	Prof.	Psychiatry	Molecular Genetics	Senior Mentor	2	11	11	0	12	11
Wessel, Jan	PhD	Assoc Prof.	Psychology & Brain Sciences	Cognitive flexibility and executive functions	Junior Mentor	6	0	0	3	0	0

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Winokur, Patricia	MD	Prof. & Exec Dean	Internal Medicine	Clinical trials and related immunological functional assays related to infectious diseases (vaccines, diagnostics and therapeutics)	Senior Mentor	0	0	0	1	3	3