

**Table 2. Participating Faculty Members**

Name	Degree	Rank	Primary Department College	Research Interest	Training Role	Predocs in Training	Predocs Graduated	Predocs Continued in Research or Related Careers	Postdocs in Training	Postdocs Completed Training	Postdocs Continued in Research or Related Careers
Abel, E Dale	MD, PhD	Prof. & Head	Internal Medicine (CCOM)	Cardiac failure in diabetes	Preceptor	1	13	13	6	21	21
Abel, Ted G	PhD	Prof. & Head	Neuroscience & Pharmacology (CCOM)	Molecular basis of neuro-development	Exec. Comm., Other	2	10	10	5	9	9
Adams, Christopher	MD, PhD	Prof.	Internal Medicine (CCOM)	Skeletal muscle atrophy	Other	1	4	4	2	4	4
Ahern, Christopher	PhD	Prof.	Molecular Physiology & Biophysics (CCOM)	Voltage-gated sodium channels	Preceptor	1	5	4	1	4	4
Allen, Bryan	MD, PhD	Assoc. Prof.	Radiation Oncology (CCOM)	Manipulating metabolic oxidative stress to enhance cancer therapy	Preceptor, Other Comm.	2	1	1	0	1	1
Allen, Lee-Ann	PhD	Prof.	Internal Medicine (CCOM)	Pathogenesis of H. pylori & F. tularensis	Other Comm.	5	6	6	0	7	6
Anderson, Michael	PhD	Prof.	Molecular Physiology & Biophysics (CCOM)	Pathophysiology of complex eye diseases	Preceptor	1	3	3	1	5	5
Ankrum, James	PhD	Asst. Prof.	Biomedical Engineering (COE)	Mesenchymal stem cells biomimicry	Preceptor	1	2	2	0	1	1
Baker, Sheila	PhD	Assoc. Prof.	Biochemistry (CCOM)	Proteins role in development & health of photo-receptors	Other	1	1	1	1	1	0

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Bassuk, Alex	MD, PhD	Assoc. Prof.	Pediatrics (CCOM)	Nervous system disorders	Preceptor, Exec. Comm., Other Comm.	3	3	1	2	0	0
Bishop, Gail	PhD	Prof.	Microbiology & Immunology (CCOM)	TRAF3 and B-lymphocytes	Preceptor	3	8	8	2	9	9
Boes, Aaron	MD, PhD	Asst. Prof.	Pediatrics (CCOM)	Brain imaging to identify neuro-logical & psych-iatric markers	Other	2	0	0	2	1	1
Brenner, Charles	PhD	Prof. & Head	Biochemistry (CCOM)	Tumor suppressor genes & metabolism	Other	0	5	5	1	8	8
Buchanan, Gordon	MD, PhD	Assoc. Prof.	Neurology (CCOM)	Sudden unexpected death in epilepsy (SUDEP)	Preceptor	3	0	0	1	1	1
Burnett, Andrean	PhD	Asst. Prof.	Pathology (CCOM)	Signaling pathways & oxidative stress in cancer progression	Other Comm.	2	3	3	0	0	0
Campbell, Kevin	PhD	Prof. & Head.	Molecular Physiology & Biophysics (CCOM)	Molecular pathogenesis of muscular dystrophy	Preceptor	1	0	0	4	17	17
Cavanaugh, Joseph	PhD	Prof. & Head	Biostatistics (COPH)	Model selection time series analysis & modeling diagnostics	Preceptor	2	11	11	0	0	0
Charlton, Mary	PhD	Asst. Prof.	Epidemiology (COPH)	Cancer surveillance & Epidemiology (COPH)	Preceptor, Other Comm.	3	0	0	0	0	0

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Chrischilles, Betsy	PhD	Prof. & Head	Epidemiology (COPH)	Economic evaluation of chronic disease therapies	Preceptor	5	7	7	4	5	5
Dayal, Sanjana	PhD	Asst. Prof.	Internal Medicine (CCOM)	Thrombosis associated with cardio-vascular risk factors & cancer	Other	0	0	0	1	4	4
DeMali, Kris	PhD	Prof.	Biochemistry (CCOM)	How epithelial cells sense and respond to external forces	Other	2	7	7	0	1	1
Dodd, Rebecca	PhD	Asst. Prof.	Internal Medicine (CCOM)	Mouse models of sarcoma and cancer metastasis	Preceptor, Other Comm.	2	0	0	0	0	0
Dokun, Ayotunde	MD, PhD	Assoc. Prof.	Internal Medicine (CCOM)	Peripheral arterial disease in diabetes	Other	0	0	0	3	7	7
Dunnwald, Martine	PharmD, PhD	Assoc. Prof.	Anatomy & Cell Biology (CCOM)	Role of IRF6 in keratinocyte migration and cutaneous tissue repair	Other	2	1	1	0	0	0
Dupuy, Adam	PhD	Assoc. Prof.	Anatomy & Cell Biology (CCOM)	Genetics of cancer initiation, progression, and therapeutic response	Preceptor, Other Comm.	2	6	5	0	1	1
Engelhardt, John	PhD	Prof. & Head	Anatomy & Cell Biology (CCOM)	Development of gene therapies for cystic fibrosis	Other	6	7	7	6	12	11
Fingert, John	MD, PhD	Prof.	Ophthalmology & Visual Sciences (CCOM)	Molecular genetics of glaucoma	Preceptor	0	2	2	1	2	2
Fuentes, Ernesto	PhD	Assoc. Prof.	Biochemistry (CCOM)	Signal transduction pathways in cancer	Other Comm.	1	4	4	0	4	4

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Geerling, Joel	MD, PhD	Asst. Prof.	Neurology (CCOM)	Homeostatic control of central nervous system	Preceptor	2	0	0	1	0	0
Geyer, Pamela	PhD	Prof.	Biochemistry (CCOM)	Chromosome organization & gene expression	PD/PI, Exec. Comm.	0	6	1	1	0	0
Glykys, Joseph	MD, PhD	Asst. Prof.	Pediatrics (CCOM)	Inhibitory system of the brain	Other Comm.	0	0	0	0	0	0
Greenlee, Jeremy	MD	Prof.	Neurosurgery (CCOM)	Neurophysiology of the frontal lobe of epilepsy patients	Preceptor	2	2	1	2	6	3
Grumbach, Isabella	MD	Prof.	Internal Medicine (CCOM)	Hypertension & athero-sclerosis after injury	Other	1	4	4	4	9	6
Guymon, C., Allan	PhD	Prof. & Head	Chemical & Biochemical Engineering (COE)	Polymer reaction engineering polymer /liquid crystal composites	Preceptor	7	10	10	1	3	3
Hammond, Donna	PhD	Prof.	Anesthesia (CCOM)	Central nervous system mech-anisms of pain and analgesia	Other	0	4	3	0	2	2
Hansen, Marlan	MD	Prof.	Otolaryngology (CCOM)	Auditory neurobiology	Preceptor	2	0	0	0	0	0
Harty, John	PhD	Prof.	Microbiology & Immunology (CCOM)	Immunobiology of T cell responses to pathogens	Preceptor	1	4	4	4	10	10
Hoffman, Eric	PhD	Prof.	Biomedical Engineering (COE)	Assessment of cardio-pulmonary physiology through imaging	Other	3	12	10	1	8	8

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Houtman, Jon	PhD	Assoc. Prof.	Microbiology & Immunology (CCOM)	Role of adaptor proteins in T Cell activation	Preceptor, Other Comm.	2	5	5	0	1	1
Huang, Chou-Long	MD, PhD	Prof.	Internal Medicine (CCOM)	Renal Sodium and Potassium Transport	Other	1	2	2	3	10	10
Karandikar, Nitin	MD, PhD	Prof. & Head	Pathology (CCOM)	Immune Dysregulation During Multiple Sclerosis Relapse	Other	1	10	10	5	12	10
Klesney-Tait, Julia	MD, PhD	Assoc. Prof.	Internal Medicine (CCOM)	Innate immune system after lung transplantation	Preceptor	1	0	0	0	2	2
Krysan, Damian	MD, PhD	Prof.	Pediatrics (CCOM)	How pathogenic fungi cause disease	Other Comm.	1	2	2	4	3	3
Lee, Amy	PhD	Prof.	Molecular Physiology & Biophysics (CCOM)	Voltage gated Ca <sup>2+</sup> channels	Other	4	5	5	2	10	10
Lentz, Steven	MD, PhD	Prof.	Internal Medicine (CCOM)	Endothelial function in vascular diseases & tissue injury	PD/PI, Exec. Comm., Other Comm.	0	3	3	0	6	5
Leslie, Kimberly	MD	Prof. & Head	Obstetrics & Gynecology (CCOM)	Targeted Therapy for Endometrial Cancer	Other	0	2	2	5	6	6
Lieberman, Scott	MD, PhD	Assoc. Prof.	Pediatrics (CCOM)	Sjogren syndrome	Other Comm.	2	0	0	0	1	1
Limoli, Dominique	PhD	Asst. Prof.	Microbiology & Immunology (CCOM)	Cystic fibrosis treatments	Other	2	0	0	0	0	0

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London, Barry	MD, PhD	Prof.	Internal Medicine (CCOM)	Inherited cardiovascular diseases	Preceptor	2	0	0	1	14	14
Mahajan, Vinit	MD, PhD	Assoc. Prof.	Ophthalmology & Visual Sciences (CCOM)	Vitreoretinal disease treatments	Preceptor	3	0	0	2	2	2
Marcinkiewicz, Catherine	PhD	Asst. Prof.	Neuroscience & Pharmacology (CCOM)	Serotonin signaling in nucleus accumbens in alcoholics	Other	0	0	0	2	0	0
Maury, Wendy	PhD	Prof.	Microbiology & Immunology (CCOM)	Regulation of lentiviral cell tropism	Preceptor, Other Comm.	3	10	7	1	2	2
McCray, Paul	MD	Prof.	Pediatrics (CCOM)	Gene therapy for CF	Preceptor	3	6	6	3	6	6
Michaelson, Jacob	PhD	Assoc. Prof.	Psychiatry (CCOM)	Improving neuropsychiatric & neurodevelopmental care using computing	Preceptor	4	0	0	0	2	0
Mohr, Nicholas	MD, MS	Assoc. Prof.	Emergency Medicine (CCOM)	Emergency medicine trends	Preceptor	1	0	0	0	0	0
Mullins, Robert	MS, PhD	Prof.	Ophthalmology & Visual Sciences (CCOM)	Macular degeneration	Preceptor	2	2	2	0	4	3
Nopoulos, Peggy	MD	Prof. & Head	Psychiatry (CCOM)	Brain structure / function relationships using MRI & cognitive & behavioral assessment	Preceptor, Exec. Comm.	0	6	5	1	5	5
Oleson, Jacob	PhD	Prof.	Biostatistics (COPH)	Cochlear implants; speech & language learning	Preceptor	4	8	7	0	0	0

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Parker, Krystal	PhD	Asst. Prof.	Psychiatry (CCOM)	Therapeutic potential of the cerebellum in schizophrenia	Other	4	1	1	0	0	0
Peek-Asa, Corinne	PhD	Prof.	Occupational & Environmental Health (COPH)	Workplace violence childhood injuries injuries in the elderly	Other	2	15	11	1	3	3
Perlman, Stanley	MD, PhD	Prof.	Microbiology & Immunology (CCOM)	Pathogenesis of virus-induced demyelination	Preceptor	2	7	5	5	5	5
Potthoff, Matthew	PhD	Assoc. Prof.	Neuroscience & Pharmacology (CCOM)	Nutrient control of hepatic metabolism and signaling	Preceptor	3	2	2	2	1	1
Prahlad, Veena	PhD	Asst. Prof.	Biology (CLAS)	Neuronal control of cellular stress responses	Other	3	2	2	3	2	2
Richerson, George	MD, PhD	Prof. & Head	Neurology (CCOM)	Serotonin effects on brain function	Preceptor	2	6	5	5	10	9
Russo, Andrew	PhD	Prof.	Molecular Physiology & Biophysics (CCOM)	Molecular basis of migraine	Other	2	4	4	2	1	1
Scheetz, Todd	PhD	Prof.	Ophthalmology & Visual Sciences (CCOM)	Bioinformatics genome-scale analysis of sequences & expression data	Preceptor	1	0	0	0	0	0
Schweizer, Marin	PhD	Asst. Prof.	Internal Medicine (CCOM)	S. aureus infections and surgical site infections.	Other	1	16	16	0	2	2

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Sheffield, Val	MD, PhD	Prof.	Pediatrics (CCOM)	Molecular genetics of human hereditary disease	Preceptor	11	5	5	4	7	7
Smith, Richard	MD	Prof.	Otolaryngology (CCOM)	Inherited hearing impairment	Preceptor	6	12	12	2	14	13
Spies, Maria	PhD	Prof.	Biochemistry (CCOM)	Single-molecule Biochemistry (CCOM) of DNA Repair machines	Other	3	4	4	0	3	3
Spitz, Douglas	PhD	Prof.	Radiation Oncology (CCOM)	Ketogenic diet to fight cancer	Preceptor	4	9	7	1	8	7
Stevens, Hanna	MD, PhD	Assoc. Prof.	Psychiatry (CCOM)	Prenatal stress on brain development & behavioral change	Other Comm.	3	1	1	0	7	7
Stoltz, David	MD, PhD	Assoc. Prof.	Internal Medicine (CCOM)	Pathogenesis of cystic fibrosis related airway infections	Preceptor Exec. Comm., Other Comm.	2	3	3	2	3	3
Stone, Edwin	MD, PhD	Prof.	Ophthalmology & Visual Sciences (CCOM)	Molecular genetics of inherited eye diseases	Preceptor	0	2	2	0	5	4
Taylor, Eric	PhD	Assoc. Prof.	Biochemistry (CCOM)	Mitochondrial function & their relationship to disease	Preceptor	4	3	3	2	4	4
Tomasson, Michael	MD	Prof.	Internal Medicine (CCOM)	Genetic factors on blood cancers	Other Comm.	1	4	4	3	9	9
Tootle, Tina	PhD	Assoc. Prof.	Anatomy & Cell Biology (CCOM)	Prostaglandins in cancer misregulation	Other Comm.	4	4	4	2	0	0



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Torner, James	PhD	Prof.	Epidemiology (COPH)	Design of clinical trials; Analysis of prognostic factors	Preceptor, Other Comm.	3	15	12	9	11	11
Tucker, Budd	PhD	Assoc. Prof.	Ophthalmology & Visual Sciences (CCOM)	Stem cell production culture isolation & transplantation	Preceptor	1	2	2	1	3	3
Washington, Todd	PhD	Prof.	Biochemistry (CCOM)	Enzymes involved in DNA replication & repair	Preceptor	4	4	4	0	0	0
Weiner, George	MD	Prof.	Internal Medicine (CCOM)	Novel approaches to cancer immunotherapy	Preceptor, Exec. Comm.	2	3	3	0	3	3
Welsh, Michael	MD	Prof.	Internal Medicine (CCOM)	Biology & treatment of cystic fibrosis	Preceptor	1	6	6	4	13	13
Wemmie, John	MD, PhD	Prof.	Psychiatry (CCOM)	Genetic manipulation of ASICs on mouse behavior	Preceptor	2	5	4	7	6	6
Wilson, Mary	MD	Prof.	Internal Medicine (CCOM)	Visceral leishmaniasis in murine and human hosts	Preceptor	3	11	11	2	8	8
Wu, Li	PhD	Prof. & Head	Microbiology & Immunology (CCOM)	HIV replication and viral pathogenesis	Other	1	7	7	2	14	14
Yang, Ling	PhD	Asst. Prof.	Anatomy & Cell Biology (CCOM)	Organelle stress responses in obesity & diabetes	Other	2	0	0	0	2	2
Zabner, Joseph	MD	Prof.	Internal Medicine (CCOM)	Gene transfer to human airway epithelia for CF	Other	1	4	3	2	10	6