

Table 2. Participating Faculty Members
(Alphabetically by Faculty Member)

Name, Degrees	Rank	Primary (& Secondary) Appointment(s)	Role in Program	Research Interest
Francois M. Abboud, M.D.	Professor	Internal Medicine, Cardiovascular Medicine; Molecular Physiology and Biophysics	Program Director	Integrative Neurobiology, Mechanotransduction
Barry London, M.D., Ph.D.	Professor	Internal Medicine, Cardiovascular Medicine	Program Co-Director	Genetic and Molecular Basis of Sudden Cardiac Death
Donald D. Heistad, M.D.	Professor	Internal Medicine, Cardiovascular Medicine and Pharmacology	Program Co-Director	Vascular Biology - Gene Transfer
Curt D. Sigmund, Ph.D.	Professor	Pharmacology, Internal Medicine, Cardiovascular Medicine	Program Co-Director	Transgenic Models
Dale Abel, M.D., Ph.D.	Professor	Internal Medicine, Endocrinology & FOE Diabetes Research Center	Mentor	Cardiac Failure in Diabetes
Christopher Adams, M.D.	Professor	Internal Medicine, Endocrinology	Mentor	Hydroxycholesterol Inhibit SREBP Processing
Ferhaan Ahmad, M.D.	Associate Professor	Internal Medicine, Cardiovascular Medicine	Mentor	Genetics of Inherited Cardiovascular Disease
Christopher J. Benson, M.D.	Associate Professor	Internal Medicine, Cardiovascular Medicine	Mentor	Ion Channels Involved in Sensation, Cardiac Disease States
Charles Brenner, Ph.D.	Professor	Biochemistry	Mentor	Metabolic Control of Gene Expression
Kevin P. Campbell, Ph.D.	Professor	Molecular Physiology and Biophysics (Howard Hughes Medical Investigator)	Mentor	Dystrophin-Glycoprotein Complex-Cardiomyopathy
Mark W. Chapleau, Ph.D.	Professor	Internal Medicine, Cardiovascular Medicine	Mentor	Neurobiology, Gene Transfer
Frank M. Faraci, Ph.D.	Professor	Internal Medicine, Cardiovascular Medicine and Pharmacology	Mentor	Vascular Biology, Physiology

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Robert B. Felder, M.D.	Professor	Internal Medicine, Cardiovascular Medicine	Mentor	Neuroscience, Central Control
Pamela Geyer, Ph.D.	Professor	Biochemistry	Mentor	Genome Organization and Regulation
Paloma H. Giangrande, M.D.	Associate Professor	Internal Medicine, Hematology- Oncology	Mentor	RNA-based Therapies in Cancer and CVD
Vicki H. Grassian, Ph.D.	Professor	Chemistry	Mentor	Heterogeneous Atmospheric Chemistry
Peter Gruber, M.D., Ph.D.	Professor	Cardiovascular and Thoracic Surgery	Mentor	Epigenetic Modifiers of Ischemia, Reperfusion Injury
Isabella M. Grumbach, M.D.	Associate Professor	Internal Medicine, Cardiovascular Medicine	Mentor	Biology in Hypertension and Vascular Injury
Chad Grueter, Ph.D.	Assistant Professor	Internal Medicine, Cardiovascular Medicine	Mentor	Molecular Signaling Events Controlling Cardiac Transcriptional Response to Stress
Michael D. Henry, Ph.D.	Associate Professor	Molecular Physiology and Biophysics	Mentor	Molecular and Cellular Basis of Prostate Cancer
Kaiko Irani, M.D.	Professor	Internal Medicine, Cardiovascular Medicine	Mentor	Vascular Function and Dysfunction
Alan Kim Johnson, Ph.D.	Professor	Psychology, Pharmacology	Mentor	Neuroscience, Volume Regulation
Anne Kwitek, Ph.D.	Associate Professor	Pharmacology	Mentor	Genetics of Metabolic and Cardiovascular Disease
Amy Lee, Ph.D.	Professor	Molecular Physiology and Biophysics	Mentor	Voltage-Gated Channels in Nervous and Cardiovascular Systems
Steven R. Lentz, M.D.	Professor	Internal Medicine, Hematology- Oncology	Mentor	Thrombomodulin-Homocysteine Atherosclerosis
Paul B. McCray, M.D.	Professor	Pediatrics	Mentor	Genetic Mutations in CFTR
Francis J. Miller, Jr., M.D.	Professor	Internal Medicine, Cardiovascular Medicine	Mentor	Atherosclerosis and Superoxide
Catherine Musselman, Ph.D.	Assistant Professor	Biochemistry	Mentor	Chromatin Biology

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Andrew Norris, M.D.	Associate Professor	Pediatrics	Mentor	Pediatric Endocrinology and Diabetes
M. Sue O'Dorizio, M.D.	Professor	Pediatrics, Hematology-Oncology	Mentor	Neural Crest and Cerebellum Development
Gary Pierce, Ph.D.	Assistant Professor	Health & Human Physiology	Mentor	Vascular Endothelial Dysfunction
Robert Piper, Ph.D.	Professor	Molecular Physiology and Biophysics	Mentor	Lysosomes Degradation
Kamal Rahmouni, Ph.D.	Associate Professor	Pharmacology	Mentor	Neurobiology of Metabolism and Cardiovascular Function
Jennifer Robinson, M.D.	Professor	Epidemiology, College of Public Health	Mentor	Pharmacology in Cardiovascular Prevention
Robert Roghair, M.D.	Associate Professor	Pediatrics, Neonatology	Mentor	Adult Sympathetic Activation and Cardiovascular Disease
Gary E. Rosenthal, M.D.	Professor	Internal Medicine, General Medicine	Director, Institute for Clinical and Translational Science	Outcome Analysis
Andrew F. Russo, Ph.D.	Professor	Molecular Physiology and Biophysics	Mentor	CGRP Expression
David Rutkowski, Ph.D.	Associate Professor	Anatomy and Cell Biology	Mentor	Cell Function and Dysfunction in Response to Stress
Rajan Sah, M.D.	Assistant Professor	Internal Medicine, Cardiovascular Medicine	Mentor	TRPM7 in Cardiac Automaticity
Thomas D. Scholz, M.D.	Professor	Pediatrics, Cardiovascular Medicine	Mentor	Myocardial Development, Function and Hypertrophy
Val C. Sheffield, MD, PhD	Professor	Pediatrics, Genetics (Howard Hughes Medical Investigator)	Mentor	Molecular Genetics of Monogenic, Polygenic, and Multifactorial Disorders
Diane Slusarski, Ph.D.	Professor	Biological Sciences	Mentor	Signal Transduction Mechanisms in Vertebrate Development and Disease

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Peter Snyder, M.D.	Professor	Internal Medicine, Cardiovascular Medicine	Mentor	Function and Regulation of the DEG/ENaC family of ion channels
Stefan Strack, Ph.D.	Professor	Pharmacology	Mentor	Protein Phosphatase 2A in Neuronal Signal Transduction
Eric Taylor, Ph.D.	Assistant Professor	Biochemistry	Mentor	Mitochondrial Pyruvate Carrier Regulation and Function
Daniel L. Weeks, Ph.D.	Professor	Biochemistry	Mentor	Genetics in Congenital Defects
Michael J. Welsh, M.D.	Professor	Internal Medicine, Pulmonary, Molecular Physiology and Biophysics (Howard Hughes Medical Investigator)	Mentor	Gene Regulation and Gene Therapy in CF
Mary E. Wilson, M.D.	Professor	Internal Medicine, Infectious Diseases, Microbiology	Mentor	Leishmania Species Protzoa