Endowed Professorships
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Endowed professorships are Duke Medicine’s most prestigious faculty appointments.

Because they recognize both exceptional achievement and the potential for future achievement, they are awarded to our most distinguished physician- and nurse-scientists and clinicians, as well as to junior faculty members who have demonstrated extraordinary scholarship in advancing medical science and human health.

Our endowed professorships also have much to tell us about the history of Duke Medicine and the individuals—both within the institution and in the larger community—who built it.

Beginning with James Buchanan Duke, the visionary founder of Duke University, Duke University Hospital, and the Schools of Medicine and Nursing, many individuals, families, and organizations have generously invested their resources in endowed professorships for the benefit of current and future generations.

Some are motivated to join with colleagues to honor a great mentor. Others are inspired by gratitude for the medical care they or a loved one received at Duke. Still others invest where they see potential to cure a specific disease or advance a field of biomedical science.

Philanthropic individuals, families, and organizations who establish endowed professorships enter into a permanent partnership with Duke Medicine. We are deeply grateful for those partnerships, and, as you will read in these pages, we are making the most of every endowment—through research that leads to innovations in patient care, education for the physicians, nurses, and scientists of tomorrow, and excellent health care for people in our community and around the world.

Sincerely,

Victor J. Dzau, M.D.
James B. Duke Professor of Medicine
Chancellor for Health Affairs, Duke University
President and Chief Executive Officer, Duke University Health System

Nancy C. Andrews, M.D., Ph.D.
Dean, Duke University School of Medicine
Vice Chancellor for Academic Affairs

Catherine Lynch Gilliss, D.N.Sc.
Dean, Duke University School of Nursing
Vice Chancellor for Nursing Affairs
Introduction

Duke Medicine endowed professorships honor exceptional achievement, fuel scientific discovery, and invest in teaching and mentoring the next generation of leaders.

For philanthropic individuals and organizations, these permanent partnerships provide an extraordinary opportunity to make a difference. They confer academia’s highest honor upon our most accomplished medical scientists and educators, allowing these dedicated individuals to pursue research that improves human health and cultivate the bright young minds who will lead future innovations in medicine and health care.

This publication was created to honor the lasting partnerships between our donors and the faculty members who carry their vision for better health far into the future. On behalf of Duke University and Duke Medicine, we express our heartfelt thanks.
Endowed Professorships in the School of Medicine
Francis Ali-Osman, D.Sc., is the Margaret Harris and David Silverman Professor of Neuro-Oncology Research and co-director of the Experimental Therapeutics Program of the Duke Cancer Institute. A professor of surgery and pathology and an active member of Duke’s medical research team, Dr. Ali-Osman is a world leader in the field of experimental oncology, cancer therapeutics and pharmacology, and cancer-drug resistance. With a particular focus on tumors of the central nervous system, his research seeks to understand the cellular and molecular processes that underlie malignancy and to determine the response of cancer patients to treatment. This work is used to develop novel, highly targeted “smart” anticancer drugs and to design more effective individualized treatment strategies. Dr. Ali-Osman has held faculty positions at the University of Washington in Seattle and the University of Texas MD Anderson Cancer Center, where he chaired the Department of Experimental Pediatrics and held the Olive Stringer Distinguished Professorship. In 2011, he was appointed to the Board of Scientific Advisors of the National Cancer Institute, and he serves on the advisory boards of a number of national cancer organizations—including the American Brain Tumor Society and the Pediatric Brain Tumor Foundation—as well as on the editorial boards of several leading cancer journals. Dr. Ali-Osman earned undergraduate degrees from The University of Science and Technology in Ghana and the Free University of Berlin, Germany, where he earned a doctoral degree with the highest distinction. He completed fellowship training at the Brain Tumor Research Center of the University of California, San Francisco.

Given by William and Gigi Harris, Marc and Mattye Silverman

This professorship was established by two Charlotte, North Carolina, couples, William and Gigi Harris, and Marc and Mattye Silverman, in memory of their children, Margaret Harris and David Silverman, both of whom died from brain tumors in 1995. The following year, the Harrises and Silvermans organized the Charlotte Hopebuilders 5K, an annual walk/run that raises funds for brain tumor research.
Richard and Kit Barkhouser Professor of Ophthalmology

R. Rand Allingham, M.D., is the Richard and Kit Barkhouser Professor of ophthalmology and director of the Glaucoma Service at the Duke Eye Center. Dr. Allingham’s clinical interests focus on glaucoma treatment, including laser and conventional surgery; cataract surgery, with an emphasis on combined cataract and glaucoma; and glaucoma implant surgery. His major research focus is the study of genetic eye disorders, particularly inherited forms of glaucoma. Dr. Allingham’s genetic research is global in character. He has studied various forms of glaucoma and enrolled research subjects in locations around the world, including Iceland, West and South Africa, Mexico, India, Singapore, and the Philippines. Primary open-angle glaucoma (POAG) is the most common form of glaucoma and has a strong genetic component. Dr. Allingham and his team lead an NIH-funded study directed at identifying the specific genes responsible for POAG. In addition, his research group has identified the genetic location of several genes previously unknown that are associated with glaucoma. These efforts to understand the disease’s genetic source will ultimately lead to the development of new diagnostic and treatment approaches. Dr. Allingham was inducted into the American Ophthalmology Society in 2009 and was honored with a Physician-Scientist Award from Research to Prevent Blindness in 2001. He currently serves on the editorial board for the International Glaucoma Review and is a reviewer for many ophthalmic journals. He earned both undergraduate and medical degrees from the University of Cincinnati. He completed a residency in ophthalmology at Eastern Virginia Medical Center and a glaucoma fellowship at Massachusetts Eye and Ear Infirmary.

Given by Richard G. and Kit Barkhouser

A native of Arkansas, Richard G. Barkhouser is president of Barkhouser Ford in Danville, Virginia. He holds an undergraduate degree from Gettysburg College and a chartered accountant (C.A.) degree from the University of Madrid, and he served in the U.S. Navy from 1952 to 1955. Mr. Barkhouser and his wife, Kit, have generously supported glaucoma research; the Barkhouser Clinical Research Unit; the Albert Eye Research Institute; and the fund for the Duke Eye Center clinical expansion. Mr. Barkhouser has served on the Eye Center Advisory Board since 1994 and is a chair, emeritus. This endowment was established in 2007 and supports a professor in the field of glaucoma.
Vadim Arshavsky, Ph.D., is the Helena Rubinstein Foundation Professor of Ophthalmology, a professor of pharmacology, and scientific director in the Department of Ophthalmology. His research focuses primarily on the study of signal transduction and intracellular trafficking in vertebrate rod and cone photoreceptors. These studies aim to understand how photoreceptors ensure the high-temporal resolution of vision; maintain responsiveness to light throughout the changing illumination during the day-night cycle; and support their highly compartmentalized cellular structure. He also is exploring how different subcellular compartments cooperate during the light response. Dr. Arshavsky's honors include a 2008 Alcon Research Institute Award and a senior investigator award from Research to Prevent Blindness. He has played a lead role in organizing several professional research conferences, including serving as chair and organizer for a number of Federation of American Societies for Experimental Biology (FASEB) summer research conferences and as a member of the NIH National Eye Institute Retina Program Planning Panel. Before coming to Duke in 2005, Dr. Arshavsky held faculty positions at Harvard Medical School, the Massachusetts Eye and Ear Infirmary, and the University of Wisconsin, Madison. He earned both a bachelor's degree and a doctorate degree from Moscow State University in Russia.

Given by Helena Rubinstein Foundation

A native of Poland, Helena Rubinstein immigrated to Melbourne, Australia in 1889 at the age of 18. Two years later, she began a cosmetics business with a single product, lanolin. She expanded the business from Melbourne to London in 1902, to Paris in 1906, and to New York in 1912, earning her the reputation as one of the world's most successful businesswomen. Mrs. Rubinstein established the Helena Rubinstein Foundation in 1953 and funded it through her estate following her death in 1965. The Foundation supported programs in education, community services, the arts, and health, but closed in 2011. This endowment supports a professor in the Department of Ophthalmology.
James B. Duke Professor of Biochemistry

Lorena S. Beese, Ph.D., is a James B. Duke Professor of Biochemistry. Since joining the Duke faculty in 1992, Dr. Beese has served as co-director of the Duke Cancer Institute’s Structural and Chemical Biology Program; director of graduate studies for the Structural Biology and Biophysics Program; and director of the Center for Structural Biology. Recognized for her seminal contributions to understanding the molecular mechanisms that underlie DNA replication and repair, Dr. Beese has carried out pioneering work that elucidated the structure and mechanism of protein prenyltransferases, enzymes that catalyze essential post-translational modifications to cell-signaling molecules. She also has contributed to the development of therapeutics for treating cancer and infectious diseases. For these contributions, she was elected to the National Academy of Sciences in 2009. Some of Dr. Beese’s other honors include a Searle Scholar Award, a MERIT Award from the NIH, and an Outstanding Science Award from the Southeast Regional Collaborative Access Team (SER-CAT). She earned a bachelor’s degree in mathematics and biology from Oberlin College and a Ph.D. in biophysics from Brandeis University.

She completed postdoctoral training at Yale University in the Department of Molecular Biophysics and Biochemistry under the direction of Thomas A. Steitz, Ph.D.

Given by The Duke Endowment

Created in 1953 by a special grant from The Duke Endowment, the James B. Duke professorships honor the late James Buchanan Duke, a North Carolina industrialist and philanthropist who was the principal benefactor of Duke University, Duke University Hospital, and the schools of medicine and nursing. The Duke professorships honor well-established members of the Duke academic community, regardless of field, who have achieved distinction as creative scholars.
James B. Duke Professor of Cell Biology

Vann Bennett, M.D., Ph.D., is a James B. Duke Professor of Cell Biology. Since 1987, he also has served as vice chair of the Department of Cell Biology and as a Howard Hughes Medical Institute Investigator. Dr. Bennett is best known for discovering the ankyrin protein family and determining its functions in organizing bilayer-spanning proteins in plasma-membrane domains. Over the last three decades, he has demonstrated the relevance of the ankyrin-spectrin paradigm for membrane-cytoskeletal interactions to many areas of human physiology, including the function of excitable cells. Most recently, Dr. Bennett and his collaborators have identified a new cardiac arrhythmia syndrome caused by mutation of ankyrin-B. His studies have established a new model for understanding how membrane proteins are integrated with cytoplasmic partners and have identified ankyrin defects that cause multiple diseases, including several kinds of cardiac arrhythmias. Dr. Bennett is a member of the American Academy of Arts and Sciences and the National Academy of Sciences. Before coming to Duke, he was a professor in the Department of Cell Biology and Anatomy at the Johns Hopkins University School of Medicine. Dr. Bennett earned an undergraduate degree in chemistry and biology from Stanford University and medical and doctoral degrees from Johns Hopkins University. He later completed fellowships at both Johns Hopkins and Harvard University.

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Created in 1953 by a special grant from The Duke Endowment, the James B. Duke professorships honor the late James Buchanan Duke, a North Carolina industrialist and philanthropist who was the principal benefactor of Duke University, Duke University Hospital, and the schools of medicine and nursing. The Duke professorships honor well-established members of the Duke academic community, regardless of field, who have achieved distinction as creative scholars.
Andrew Berchuck, M.D., is the F. Bayard Carter Professor of Obstetrics and Gynecology. A Duke faculty member for 24 years, he is director of the Duke Division of Gynecologic Oncology within the Department of Obstetrics and Gynecology and also serves as director of the Gynecologic Cancer Program in the Duke Cancer Institute. Dr. Berchuck cares for women with gynecologic cancers on a daily basis while also serving as a leader of the North Carolina Ovarian Cancer Study, a population-based, case-controlled, molecular epidemiological study that seeks to identify genetic polymorphisms that affect ovarian cancer susceptibility. He also leads the steering committee of the Ovarian Cancer Association Consortium, an international group of 40 programs working together to validate the results of genetic association studies in ovarian cancer. Using a genome-wide approach, the consortium has identified and validated six common genetic variants that affect ovarian cancer risk. Identification of common ovarian cancer-susceptibility polymorphisms could facilitate risk stratification and enhance screening and prevention strategies by targeting them to higher-risk populations. Dr. Berchuck also has a long-standing interest in elucidating the genomic and genetic events involved in the development of endometrial and ovarian cancers. Most recently, this interest has included his involvement in the National Cancer Institute’s Cancer Genome Atlas Project, an effort to comprehensively characterize the genomic alterations in various cancer types. Dr. Berchuck is actively involved in national activities in his field and was president of the Society of Gynecologic Oncologists in 2008. He also headed the scientific advisory committee of the Ovarian Cancer Research Fund, the largest ovarian cancer foundation in the United States, from 2003 to 2010. He earned a medical degree and completed obstetrics and gynecology training at Case Western Reserve University and completed research and clinical training in gynecologic oncology at the University of Texas Southwestern Medical Center and Memorial Sloan-Kettering Cancer Center.

Given by the Nick Carter Travel Club

In 1964, a group of former Duke obstetrics and gynecology residents, who called themselves the Nick Carter Travel Club, established this endowment to honor their mentor, F. Bayard “Nick” Carter, M.D., upon his retirement. Dr. Carter was chair of the Department of Obstetrics and Gynecology at Duke from 1931 to 1964. He continued to practice in Durham for many years and died in 1976.
Edwin L. Jones Jr. and Lucille Finch Jones Cancer Research Professor of Pathology

Darell Bigner, M.D., Ph.D., is the Edwin L. Jones Jr. and Lucille Finch Jones Cancer Research Professor of Pathology. The director of Duke’s Preston Robert Tisch Brain Tumor Center and the Pediatric Brain Tumor Foundation Institute at Duke, Dr. Bigner also serves as vice chair of investigative pathology, director of Duke’s Preuss Laboratory for Brain Tumor Research, and co-director of the Duke Cancer Institute’s Neuro-Oncology Program. The recipient of three consecutive National Cancer Institute (NCI) MERIT Awards, he is the founding editor-in-chief of Neuro-Oncology and chair of the Scientific Review Board of the National Cancer Center and the Pediatric Brain Tumor Foundation. Under Dr. Bigner’s direction, the Preuss Laboratory studies the basic mechanisms of neoplastic transformation and altered growth control in malignant brain tumors and tumors that metastasize to the brain and spinal cord. Monoclonal antibodies and tumor vaccines developed in this laboratory have been shown in clinical trials to significantly increase survival rates for patients with malignant brain tumors. He also is principal investigator of a National Institute of Neurological Disorders and Stroke Specialized Research Center on Primary and Metastatic Tumors of the Central Nervous System, and the Duke NCI Specialized Programs of Research Excellence (SPORE) on Brain Cancer. Except for spending 1968 to 1970 at the NIH, Dr. Bigner has spent his entire career at Duke after earning medical and doctoral degrees here.

Given by Edwin L. and Lucille F. Jones

The Jones family of Charlotte, North Carolina, has supported Duke University for decades. Gifts from the five children of Edwin L. Jones and his wife Lucille; his mother Anabel L. Jones; and the J.A. Jones Construction Company made possible the Edwin L. Jones Sr. Cancer Research Building. Other gifts from the Jones family have supported the Duke University School of Engineering, Duke Divinity School, athletic scholarships, and many areas of the Duke Comprehensive Cancer Center. Mr. Jones, who died in 2010, was a 1948 graduate of the School of Engineering and served on the Duke University Board of Trustees. Mr. and Mrs. Jones established this endowment in 1979.
Daniel Blazer, M.D., M.P.H., Ph.D., is the J.P. Gibbons Professor of Psychiatry and Behavioral Sciences, a professor in the Department of Community Medicine, and an adjunct professor of epidemiology at the University of North Carolina at Chapel Hill’s School of Public Health. Dr. Blazer’s primary research has focused on the epidemiology of psychiatric and physical disorders and substance use among community-dwelling elders. A past president of both the American Geriatrics Society and the American Association of Geriatric Psychiatry, Dr. Blazer is a member of the Institute of Medicine of the National Academy of Sciences. He has been honored with the American Geriatrics Society’s Milo Leavitt Award for his lifetime of contributions to education in geriatric medicine; the Pioneer Award in Geriatric Psychiatry; the Rema LaPouse Award from the American Public Health Association; and the Jack Weinberg Award (geriatric psychiatry) and the Oscar Pfister Award (psychiatry and religion) from the American Psychiatric Association. In 2005, he received the Distinguished Faculty Award from the Duke Medical Alumni Association. Dr. Blazer earned an undergraduate degree from Vanderbilt University, an M.D. from the University of Tennessee, and an M.P.H. and Ph.D. from the University of North Carolina at Chapel Hill.

He completed a residency in psychiatry at Duke and a fellowship in consultation liaison psychiatry from Montefiore Hospital and Medical Center in New York.

Given by John P. Gibbons Jr. and Dorothy Gibbons

John P. Gibbons was a 1929 graduate of Trinity College. After he and his daughter attended a lecture at Duke University Medical Center on mental health issues, he was inspired to establish a professorship to support research in the Department of Psychiatry. Mr. Gibbons and his wife Dorothy, who were from Efland, North Carolina, established this endowment in 1963.
Richard G. Brennan, Ph.D., is a James B. Duke Professor of Biochemistry and chair of the Department of Biochemistry. Dr. Brennan joined Duke in 2011. His research focuses primarily on understanding the structural and biochemical mechanisms of multidrug resistance, multidrug tolerance/persistence, oxidative stress, and gene regulation. His laboratory has been at the forefront in delineating the first structures of a number of important bacterial gene regulators, including those from the LacI, MerR, MarR, and Hfq families, in complex with cognate DNA or RNA. Further, his group determined the first structures of a multidrug-binding transcription regulator bound to a series of chemically dissimilar drugs, which provided a set of fundamental rules for the poly-specific-ligand binding mechanisms of all multidrug-binding proteins. Before coming to Duke, Dr. Brennan was the Robert A. Welch Distinguished University Chair in Chemistry at the MD Anderson Cancer Center and co-director of the Center for Biomolecular Structure and Function. His membership on the NIH Biomedical Research Training Study Section from 2002 through 2006 underscores his deep interest in graduate and medical scientist education and training. Earlier in his career, Dr. Brennan was a March of Dimes Basil O’Connor Scholar. He is a Fellow of the American Academy of Microbiology and the American Association for the Advancement of Science. He serves on the editorial boards of Molecular Microbiology, the Journal of Bacteriology and mBio. Dr. Brennan graduated magna cum laude with distinction in biology from the College of Arts and Sciences of Boston University and was elected to Phi Beta Kappa. He earned a Ph.D. in biochemistry from the University of Wisconsin-Madison and completed an NIH postdoctoral fellowship with Brian M. Matthews at the Institute of Molecular Biology at the University of Oregon.
Leonard Prosnitz Professor of Radiation Oncology

David M. Brizel, M.D., is the Leonard Prosnitz Professor of Radiation Oncology and a professor in the Department of Surgery. He joined Duke in 1987. Dr. Brizel’s clinical and research interests include head and neck cancers; tumor oxygenation; the integration of molecularly targeted therapy with chemoradiation; and in situ imaging of the effects of treatment on tumor physiology and the relationship of those effects to treatment outcomes. His clinical contributions have led to new standards of care for combining radiotherapy and chemotherapy in treating advanced disease—and have opened new avenues of investigation into reducing treatment-induced toxicity. In a landmark trial, he was the first to demonstrate that concurrent radiotherapy and chemotherapy were more effective for treating locally advanced head and neck cancer than radiotherapy alone. In studying tumor physiology and its relationship to tumor aggressiveness and treatment outcome, he demonstrated that increased levels of hypoxia in head and neck cancers predicted an increased risk of local/regional recurrence—and in primary soft-tissue sarcomas predicted an increased risk of post-treatment metastatic disease. Credited with developing and testing agents that protect tissue from radiation damage, Dr. Brizel headed a multinational trial of amifostine, which led to its FDA approval for protection against radiation-induced injury to the salivary glands during the treatment of head and neck cancers. In animal models and human clinical trials, he also investigated the use of keratinocyte growth factor, a biologic agent, as a radiation protector. Dr. Brizel will co-chair the National Cancer Institute Head and Neck Cancer Steering Committee through 2013. He earned an M.D. from Northwestern University Feinberg School of Medicine and completed a residency in radiation oncology at Harvard Joint Center for Radiation Therapy.

Given by friends of Leonard R. Prosnitz

Leonard R. Prosnitz, M.D., chaired the Department of Radiation Oncology at Duke from 1983 to 1995. He is credited with transforming a small division into a department recognized as one of the nation’s best. He was a pioneer in demonstrating the effectiveness of lumpectomy and radiation—rather than mastectomy—in treating early-stage breast cancer, a therapy now considered standard. He also pioneered combination therapies of radiation and chemotherapy for malignant lymphomas and other cancers. Dr. Prosnitz helped to develop a modern cancer center and radiation therapy facility in Taiwan and was a leader in establishing Durham’s Caring House, which offers lodging and support services for adults undergoing cancer treatment at Duke. He is a recipient of the Duke Medical Alumni Association Distinguished Faculty Award. This endowment was established in 1996 by his patients, friends, and colleagues.
Haywood Brown, M.D., is the Roy T. Parker, M.D., Professor and chair of the Department of Obstetrics and Gynecology. Nationally recognized for his contributions to medical education, he has received numerous awards for graduate and undergraduate medical education. Dr. Brown has served in a number of national leadership positions, including chair of the Council on Resident Education in Obstetrics and Gynecology and president of the Society for Maternal Fetal Medicine and the American Gynecological and Obstetrical Society. He has been a member of the Board of Directors for the American Board of Obstetrics and Gynecology and the Society for Maternal Fetal Medicine and has been a member of the Division for Maternal Fetal Medicine for the American Board of Obstetrics and Gynecology. He has served as a district officer and on several committees for the American College of Obstetricians and Gynecology. Dr. Brown’s research focus is on perinatal health disparities and women at risk for adverse pregnancy outcomes. His focus on perinatal health disparities allowed him to serve as a co-chair for the Health Resources and Services Administration (HRSA) Perinatal and Patient Safety Collaborative and Maternal Child Health Bureau Interconception Care Expert Work Group; the NIH District of Columbia Initiative on Infant Mortality; the National Advisory Council on Maternal, Infant and Fetal Nutrition-Department of Agriculture in Washington D.C.; and the FDA Advisory Committee for Reproductive Health Drugs. Dr. Brown earned a medical degree from Wake Forest University School of Medicine. He completed a residency in obstetrics and gynecology at the University of Tennessee Center for the Health Sciences in Knoxville, followed by a subspecialty fellowship in maternal fetal medicine at Emory University School of Medicine.

Given by friends of Roy T. Parker

Roy T. Parker, M.D., was a professor of obstetrics and gynecology at Duke from 1953 to 1980 and chaired the Department of Obstetrics and Gynecology from 1964 to 1980. A member of many national and regional professional societies, he served as president of the Association of Professors of Obstetrics and Gynecology, the F. Bayard Carter Society, and the American College of Obstetrics and Gynecology. Dr. Parker also was an ad eundum member of the Royal College of Obstetrics and Gynecology. In 1982, friends and colleagues of Dr. Parker established this endowment in his honor.
Edward G. Buckley, M.D., is the Banks Anderson Sr. Professor of Ophthalmology and a professor of pediatrics. He joined the faculty at Duke in 1983, serving as chief of the Duke Eye Center’s pediatric and neuro-ophthalmology services for many years. He is now the vice dean for medical education, overseeing all Duke University School of Medicine student education programs. Dr. Buckley also leads Duke’s Pediatric Ophthalmology Fellowship Program and has trained more than 45 clinical and 10 research fellows. Considered an expert in many aspects of pediatric ophthalmology, Dr. Buckley is perhaps best known for his research and clinical innovations involving the treatment of complicated strabismus and congenital cataracts. He has served as president of the American Association of Pediatric Ophthalmology and Strabismus (AAPOS); chair of both the American Board of Ophthalmology and the American Academy of Pediatrics Section of Ophthalmology; and president of the American Orthoptic Council. He has received Lifetime Achievement Awards from both the American Academy of Ophthalmology (AAO) and the AAPOS. Dr. Buckley has published and edited eight books, 35 book chapters, and more than 120 peer-reviewed articles. He has given many prestigious named lectures, including the AAO Marshall Parks Lecture, the AAPOS Costenbader Lecture, and the Richard Scobee Memorial Lecture for the American Association of Certified Orthoptists. A native of Cincinnati, Ohio, Dr. Buckley graduated from Duke University in 1972 with a B.S.E. in electrical engineering. He earned an M.D. from Duke in 1977, followed by a residency in ophthalmology. He then completed two fellowships, one in pediatric ophthalmology and the other in neuro-ophthalmology, both at the University of Miami Bascom Palmer Eye Institute.

Banks Anderson Sr., M.D., was the first ophthalmologist at Duke. Dr. Anderson began his career in 1930 as an associate professor of surgery in charge of ophthalmology. In 1950, he was named a professor of ophthalmology and the first chief of the Division of Ophthalmology. This eponymous professorship was established in 2000 by Duke University.
Rebecca Hatcher Buckley, M.D., is the J. Buren Sidbury Professor of Pediatrics and a professor of immunology. In more than a half-century at Duke, she has made major contributions to the treatment of children with allergic and immunologic diseases. By performing bone-marrow transplantation during the first three months of life without using pre-transplant chemotherapy, Dr. Buckley has been able to cure 94 percent of babies born with the syndrome of severe combined immunodeficiency (SCID), a group of fatal genetic diseases. She has received numerous awards and honors for research and teaching, including her 2011 election to the National Academy of Sciences; her 2003 election to the Institute of Medicine of the National Academy of Sciences; her election to Alpha Omega Alpha; a NIH MERIT Research Award; and the Immune Deficiency Foundation’s Lifetime Achievement Award. She is an honorary Fellow of the American Academy of Allergy, Asthma, and Immunology and a Fellow of the American Association for the Advancement of Science. Dr. Buckley has held many positions of international leadership in her field, including serving as president of both the American Academy of Allergy, Asthma, and Immunology and the American Pediatric Society. In 2006, Dr. Buckley received the William G. Anlyan Lifetime Achievement Award from the Duke Medical Alumni Association. A native of Hamlet, N.C., she graduated from Duke University in 1954 and from the University of North Carolina School of Medicine in 1958. She then returned to Duke for training in pediatrics and allergy-immunology.

J. Buren Sidbury, M.D., was widely recognized as a pioneer in the field of pediatrics and the founder of the Babies Hospital in Wrightsville Beach, North Carolina, in 1920. A 1908 graduate of Trinity College and a member of the Duke University Board of Trustees, Dr. Sidbury established this professorship in 1965.
Robert Califf, M.D., is the Donald F. Fortin, M.D., Professor of Cardiology, vice chancellor for clinical research, and director of the Duke Translational Medicine Institute. A professor of medicine in the Division of Cardiology, Dr. Califf remains a practicing cardiologist. He has led some of the best-known clinical trials and health-outcomes studies in cardiovascular medicine. One of the most frequently cited authors in medicine, he is considered a leader in the fields of quality of care, technology development, and health policy. Dr. Califf has served on many health policy development committees, including the FDA’s Science Board and Cardio-Renal Panel, as well as the Institute of Medicine’s Committee on Identifying and Preventing Medication Errors and Forum on Drug Discovery and Translation. He also was the founding director of the Coordinating Center for the Centers for Education and Research in Therapeutics, a public-private partnership focused on the safety of medical products. He currently serves as co-chair of the Clinical Trials Transformation Initiative, a public-private partnership dedicated to improving the efficiency and overall conduct of clinical trials. After serving for 10 years as the Duke Clinical Research Institute’s founding director, Dr. Califf founded the Duke Translational Medicine Institute, which encompasses the spectrum of translational research at Duke. In 2006 he received the Distinguished Faculty Award from the Duke Medical Alumni Association. He graduated from Duke University’s Trinity College summa cum laude and Phi Beta Kappa and Duke University School of Medicine Alpha Omega Alpha.

Donald F. Fortin, M.D., completed a cardiology fellowship at Duke and then joined the faculty as an assistant professor of cardiology in 1991. As director of data management for the Duke Databank for Cardiovascular Diseases, he was instrumental in converting the 70's-era databank into a modern, mobile computer-information system. Dr. Fortin then moved to Summit Medical Systems, Inc., to commercialize the new information-systems software, and later co-founded Cordillera, L.L.C. Today, Dr. Fortin is vice president of Celeris Corporation. Summit Medical Systems, Inc., established both this professorship and a fellowship in medical information technology in honor of Dr. Fortin.
James B. Duke Professor of Cell Biology

Blanche Capel, Ph.D., is a James B. Duke Professor of Cell Biology. Her research focuses on the biology of sex determination and the basic questions it raises about how patterning decisions are made during organ development. Her lab uses systems biology approaches to better understand the global transcriptional network that regulates the fate of the mammalian gonad, which is controlled by the sex-determining region Y (SRY) gene. Dr. Capel helped discover the SRY gene, which tips the balance of underlying signaling pathways. Investigations are underway to determine whether underlying antagonistic signals and feedback-reinforcement loops in mammals are conserved in other vertebrates, such as red-eared slider turtles, in which sex determination is regulated by egg-incubation temperature. Other research in Dr. Capel’s laboratory focuses on the morphological reorganization of gonad cells into testis or ovarian structure. The lab has pioneered live imaging to explore the architectural patterning of the testis, focusing on the role of the vasculature and the de novo organization of testis cord structures. In 2011, Dr. Capel was elected a Fellow of the American Association for the Advancement of Science and was a recipient of Duke’s 1999 Langford Prize and 2006 Hammes Excellence in Teaching Award. She is a member of the board of scientific overseers at The Jackson Laboratory, a nonprofit research organization, and the board of directors of the Society for the Study of Reproduction. Dr. Capel earned a bachelor’s degree from Hollins University and a Ph.D. in genetics from the University of Pennsylvania. Her postdoctoral work was conducted in the laboratory of Robin Lovell-Badge, Ph.D., at the National Institute for Medical Research in London.

Blanche Capel, Ph.D.

Given by The Duke Endowment

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Marc Caron, Ph.D., is a James B. Duke Professor of Cell Biology and a professor and research professor in the departments of neurobiology and medicine. Prior to joining Duke, Dr. Caron was an assistant professor in the Department of Physiology at Laval University in Quebec. He is a recipient of the Bristol-Myers Squibb Unrestricted Neuroscience Grant; the DuPont Prize for receptor research; the Javits Neuroscience Investigator Award; the Julius Axelrod Medal; the Perkin Elmer Achievement Award for Biomolecular Science; a National Institute of Mental Health MERIT Award; and Indiana University’s Gill Center for Biomolecular Science Award. He has also received a doctorate honoris causa from the University of Montreal and is a foreign member of the Brazilian Academy of Sciences. Dr. Caron lectures internationally and holds numerous patents. His research interests include hormones; neurotransmitters; neurotransmitter transporters and receptors; G protein-coupled receptors; adrenergic and dopamine receptors and their mechanisms of signaling desensitization; and the neurobiological mechanisms underlying central nervous system disorders such as schizophrenia, Parkinson’s disease, and attention deficit hyperactivity disorder, and mood disorders. Dr. Caron earned an undergraduate degree from Laval University and a Ph.D. from the University of Miami.

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James B. Duke Professor of Pharmacology and Cancer Biology

Patrick J. Casey, Ph.D., is a James B. Duke Professor of Pharmacology and Cancer Biology, senior vice dean for research at the Duke-National University of Singapore Graduate Medical School, and the founding director of the Duke Center for Chemical Biology, a group of Duke scientists dedicated to research and training in the application of chemical and physical principles to biology, disease, and medical therapies. Dr. Casey joined Duke in 1990 as an assistant professor of molecular cancer biology and biochemistry and was named a James B. Duke Professor in 2002. His research interests focus on lipid modifications of proteins and the delineation of novel signaling processes of heterotrimeric G proteins. His work has led to the development of new cancer therapies. Dr. Casey has been honored with the March of Dimes Basil O’Connor Scholar Award, the American Heart Association’s Established Investigator Award, and the Amgen Award from the American Society of Biochemistry and Molecular Biology. He earned a Ph.D. in biochemistry from Brandeis University and completed a postdoctoral fellowship in the Department of Pharmacology at the University of Texas Southwestern Medical Center.

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Donald D. and Elizabeth G. Cooke Cancer Research Professor

Nelson Chao, M.D., M.B.A., is the Donald D. and Elizabeth G. Cooke Cancer Research Professor, chief of the Division of Cellular Therapy, and a professor of immunology. He joined Duke in 1996 to lead the Bone Marrow Transplant Program—now part of the Division of Cellular Therapy—after serving as the assistant director and then director of the Outpatient Clinic in the Bone Marrow Transplantation Program at Stanford University, where he was also an assistant professor of medicine. Dr. Chao’s area of expertise is graft-versus-host disease, a condition that can occur due to differences between a donor’s bone marrow and the recipient’s tissues—and that can cause T cells from the transplanted marrow to “view” the recipient’s tissues as foreign. Chao’s clinical specialty—and the basis of his research—is fooling the transplant recipient’s body into accepting the foreign cells. His work has spanned the spectrum, from gaining a better understanding of the immunologic basis of graft-versus-host disease in the laboratory to developing novel clinical protocols that could improve the outcomes in hematopoietic stem-cell and cord-blood transplantation. Dr. Chao’s honors include being elected to the Association of American Physicians in 2006 and receiving the 1999 Duke Comprehensive Cancer Center’s R. Wayne Rundles Award for Excellence in Cancer Research. He serves as an associate editor for Biology of Blood and Marrow Transplantation, The Journal of Immunology, and Oncology Today. Dr. Chao earned an undergraduate degree from Harvard University and an M.D. from Yale University. He completed a residency in medicine, an American Cancer Society fellowship, and a fellowship in oncology at Stanford University Medical Center. He earned an M.B.A. from Duke’s Fuqua School of Business in 2000.

Given by Elizabeth G. Cooke

Donald D. and Elizabeth G. Cooke were both born in Patterson, New Jersey, where they first met in kindergarten. After earning a degree in mechanical engineering from Cornell University, Mr. Cooke served as a U.S. Navy lieutenant in World War I before returning home to work in his family’s business, The American Locomotive Company. During World War II, he worked in a Baltimore, Maryland, industrial plant that built furnaces and eventually became company president. Mrs. Cooke was the daughter of John W. Griggs, who served as governor of New Jersey and as U.S. Attorney General under President William McKinley. After Mr. Cooke retired in 1948, the couple moved to Pinehurst, North Carolina. After Mr. Cooke’s death, Mrs. Cooke became interested in cancer research and made a gift in 1979 to fund the Donald D. and Elizabeth G. Cooke Cancer Research Professor Fund. That endowment was divided in 2007 to establish two professorships for cancer research.
Thomas Coffman, M.D., is the James R. Clapp Professor of Medicine, chief of the Division of Nephrology, senior vice chair in the Department of Medicine, and director of the Duke Cardiovascular Research Center. He also serves as director of the Cardiovascular and Metabolic Disorders Program at the Duke-National University of Singapore Graduate Medical School. A national leader in the field of nephrology, Dr. Coffman is past president of the American Society of Nephrology. He also is a member of the American Society for Clinical Investigation, the Association of American Physicians, and the NIH-funded Animal Models of Diabetes Complications Consortium—and previously served on the Nephrology Subspecialty Board of the American Board of Internal Medicine. He is a Fellow of the Council for High Blood Pressure Research and the American Heart Association (AHA) Council on the Kidney in Cardiovascular Disease and serves on the leadership committee for the AHA Council for High Blood Pressure Research. Dr. Coffman’s research interests include the renin-angiotensin and prostanoid systems and their roles in regulating blood pressure, kidney function, and renal inflammation. His laboratory work is supported by grants from the NIH, the Department of Veterans Affairs, and the Edna and Fred L. Mandel Center for Hypertension and Atherosclerosis Research.

Dr. Coffman graduated from the University of Pennsylvania and earned a medical degree from the Ohio State University School of Medicine. He completed internal medicine and nephrology training at Duke.

James R. Clapp, M.D., attended Duke University from 1950 to 1953 and earned a medical degree from the University of North Carolina at Chapel Hill. Dr. Clapp completed an internship and residency training at the University of Texas Southwestern Medical Center and a postdoctoral research fellowship with the U.S. Public Health Service. He then spent two years as an investigator in the National Heart Institute’s Laboratory of Kidney and Electrolyte Metabolism before being recruited to Duke in 1963 as an associate professor in the Division of Nephrology. His early years at Duke focused on kidney research and treating advanced kidney disease and hypertension. He served as director of the Duke Center for Living’s Andrew G. Wallace, M.D., Clinic and was the founding director of the Duke Executive Health Program. When he retired in 2001, patients, friends, and colleagues created this professorship to honor him. Dr. Clapp lives in Durham.
Walter Kempner Professor of Medicine

Harvey Jay Cohen, M.D., is the Walter Kempner Professor Medicine, director of the Duke Center for the Study of Aging and Human Development, and chair, emeritus, of the Department of Medicine. In the 1970s, he helped initiate the Geriatric Fellowship Program at Duke and then helped to establish and served as chief of the interdepartmental Division of Geriatrics. In 1982, Dr. Cohen assumed the role of director of the Duke Center for the Study of Aging and Human Development and led the effort to establish and directed the Geriatric Research, Education, and Clinical Center at the Veterans Affairs Medical Center in Durham. Under Dr. Cohen’s leadership, the Duke geriatrics program has consistently been ranked among the country’s top five by U.S. News & World Report. Dr. Cohen has been the principal investigator of the Claude D. Pepper Older Americans Independence Center at Duke since its inception in 1992. He also has pioneered the establishment of programs to train physician-scientists in geriatric medicine and in the establishment of geriatric oncology programs, and is recognized as one of the leading U.S. academic clinical investigators in geriatrics. Dr. Cohen is a Fellow of the Gerontological Society of America (GSA), has served as the society’s president, and has been honored with its Freeman and Kent Awards. He has served the American Geriatrics Society (AGS) as a board member, president, and chair of the board. In 2005 he received the AGS’s Dennis W. Jahnigen Memorial Award. He was elected to the American Association of Physicians—one of few geriatricians so honored—and chaired the National Institute on Aging Board of Scientific Counselors from 1999 to 2003. A past president of the International Society of Geriatric Oncology, Dr. Cohen serves on the advisory and review panels for many foundations on aging. He received the Clinical Research Mentoring Award from Duke in 2009 and a Distinguished Alumnus Award from the Duke Medical Alumni Association in 2011. Dr. Cohen earned an undergraduate degree from Brooklyn College and a medical degree from the State University of New York Downstate Medical College. He trained in internal medicine and in hematology-oncology at Duke.

Given by friends of Walter Kempner

Walter Kemper, M.D., was internationally recognized for creating the Rice Diet, an innovative approach to managing obesity-related problems such as kidney disease, heart disease, hypertension, and diabetes with a prescribed low-protein, low-fat, low-salt diet of rice and fruit. During nearly four decades at Duke, Dr. Kemper treated patients who came from around the world. When he retired in 1972, friends and colleagues established this professorship to honor him. He died in 1997.
Gary Hock Professor of Global Health in the Department of Medicine

G. Ralph Corey, M.D., is the Gary Hock Professor of Global Health in the Department of Medicine and professor of medicine and pathology in the Division of Infectious Diseases. He is the director of the Hubert-Yeargan Center for Global Health, infectious diseases research at the Duke Clinical Research Institute, and the Duke Global Health Institute’s clinical initiative. Dr. Corey also serves as vice chair for education and global health in the Department of Medicine. After leading Duke’s Internal Medicine Residency Training Program for 18 years, Dr. Corey joined the Duke Clinical Research Institute as a principal investigator, conducting international trials for bloodstream infections, hospital-acquired pneumonia, post-surgical wound infections, and skin and soft-tissue infections. He helped initiate the Staphylococcus aureus bacteremia Group, which has collected data on more than 2,000 patients over 15 years. Dr. Corey co-founded the International Collaboration on Endocarditis, which has collected data on more than 5,500 patients in 30 countries over the past six years, and helped to develop Duke’s endocarditis database. Dr. Corey is the author of more than 200 peer-reviewed articles. He has been honored with the Golden Apple Teaching Award; the Eugene A. Stead, M.D., Teaching Award; the Distinguished Faculty Award from the Medical Alumni Association; and the Duke University Medical Center Mentoring Award.

In 1985, Dr. Corey launched the Duke International Health Program, which has sent more than 350 residents for training in Brazil, China, Pakistan, Thailand, Kenya, Tanzania, Nicaragua, Haiti, and Australia. In addition, he co-founded the innovative Global Health Resident/Fellow Pathway to better prepare selected physicians for a lifetime of work in the developing world. Dr. Corey’s commitment to global health—and the generosity of the Hubert and Yeargan families—led to the creation of the Hubert-Yeargan Center for Global Health in 2005. Dr. Corey earned an undergraduate degree in physics from Duke University, a medical degree from Baylor College of Medicine, and completed an internship, residency, chief residency, and fellowship at Duke.

Given by Gary Hock

Gary Hock, of Santa Barbara, California, is a Durham real estate developer who has made many gifts to Duke Medicine, including the purchase of sophisticated medical research equipment, funding for radiation oncology research, and support for Duke HomeCare & Hospice. While traveling to developing countries, Mr. Hock witnessed the damage done by uncontrolled infectious diseases and was inspired to establish this professorship, which supports both research and medical student education in global health.
Scott Cousins, M.D., is a Robert Machemer, M.D., Professor of Ophthalmology, vice chair for research in the Department of Ophthalmology, and director of the Duke Eye Center’s Center for Macular Diseases. He also holds an appointment in the Department of Immunology and serves as medical director of hospital-based imaging and procedures for the Duke Eye Center. A retina-trained ophthalmologist, Dr. Cousins specializes in the diagnosis, treatment, and research of macular diseases. His clinical practice focuses on age-related macular degeneration, diabetic retinopathy, and retinal vascular diseases. He is involved in clinical trials, the development of innovative therapies for macular diseases, and research of wet and dry macular degeneration. Dr. Cousins also is developing blood tests and new imaging technologies to identify patients at high risk for complications of macular degeneration. He is a member of professional societies that include the American Academy of Ophthalmology, the American Medical Association, and the American Association of Immunologists. His honors and awards include the 2006 Alcon Research Foundation Clinical Scientist Award and the 2003 Lew R. Wasserman Merit Award from Research to Prevent Blindness. In 2008, the NIH invited Dr. Cousins to join the National Advisory Eye Council. Prior to coming to Duke, he served as a professor of ophthalmology and director/co-director of research at the University of Miami’s Bascom Palmer Eye Institute. Dr. Cousins earned a medical degree at Case Western Reserve University, received residency training at Washington University School of Medicine in St. Louis, and completed a clinical fellowship in vitreoretinal diseases at the Bascom Palmer Eye Institute.

Given by friends of Robert Machemer

Known as the father of vitreoretinal surgery, Robert Machemer, M.D., chaired the Department of Ophthalmology from 1978 to 1991, helping Duke build an international reputation in the field of ophthalmology. He developed many of the techniques and surgical instruments now commonly used to restore sight to people with vitreoretinal diseases, diabetic retinopathy, and retinal detachments. This endowment was established in 1992 by patients, friends, and colleagues. Dr. Machemer retired in 1998 and died in 2009.
George Barth Geller Professor for Research in Cancer

Jeffrey Crawford, M.D., is a George Barth Geller Professor for Research in Cancer and chief of medical oncology in Duke’s Department of Medicine. Dr. Crawford’s research interests include new treatment approaches in lung cancer, supportive cancer therapies, clinical trials of hematopoietic growth factors, targeted drug development, and biological agents. He led U.S. clinical trial investigations of G-CSF (filgrastim) for the prevention of chemotherapy-induced neutropenia and vinorelbine for treating lung cancer, both of which resulted in FDA approval. Within the National Comprehensive Cancer Network (NCCN), Dr. Crawford is chair of the Myeloid Growth Factor Committee and a member of the Clinical Trials Network Investigator Steering Committee. He serves as vice chair of the respiratory committee of the Cancer and Leukemia Group B (CALGB) and principal investigator for CALGB activities for Duke. He is also the principal investigator for the Cancer Biology and Research T32 Training Grant at Duke. Dr. Crawford has served in multiple leadership roles for the American Society of Clinical Oncology (ASCO) and the Multinational Association of Supportive Care (MASCC), as an advisor of the Chinese Geriatric Oncology Society, and as a member of the Curriculum Planning Executive Committee of the International Association for Study of Lung Cancer (IASLC). He is a steering committee member of the Awareness of Neutropenia in Chemotherapy (ANC) Study Group, which has been instrumental in the development and analysis of the largest prospective study of chemotherapy delivery in the U.S. Dr. Crawford has authored or co-authored 145 scientific articles, 60 book chapters and reviews, and 180 abstracts, and served as co-editor of the book, Cancer Supportive Care. He has been honored with the Outstanding Service Award from Cancer Care, Inc.; an America’s Top Doctors Award from Castle Connolly Medical Ltd.; and Duke’s Wayne Rundles Award for Excellence in Clinical Research; Joseph Greenfield Research Faculty Award; and Wendell Rosse Teaching Award. Dr. Crawford earned a medical degree at Ohio State University. He was an intern, junior, and senior assistant resident in medicine, and a hematology-oncology fellow at Duke. He completed a chief medical residency and a geriatric fellowship at the Durham Veterans Affairs Medical Center.

Given by George Barth Geller

George Barth Geller, M.D., was a general surgeon who practiced in New York and Florida. He had no connection to Duke University and never visited Durham, North Carolina. He was introduced to Duke by Fenner Douglass, a Duke professor of music and university organist, and his brother, John Douglass, an attorney. This endowment is one of a series that Dr. Geller established in the late 1980s. When he died in 1992, another bequest helped to establish several additional endowments.
James B. Duke Professor of Molecular Genetics and Microbiology

Bryan R. Cullen, Ph.D., is a James B. Duke Professor of Molecular Genetics and Microbiology and director of the Duke Center for Virology. He also serves as a research professor in medicine and a program director in the Duke Center for AIDS Research. Dr. Cullen’s research, which focuses on understanding the molecular biology of pathogenic human viruses, has been widely published, and he is one of the world’s most frequently cited scientists. In 2002, he was appointed visiting professor at London’s Imperial College of Science, Technology, and Medicine, and in 2006, he was awarded a distinguished fellowship by the Institute of Advanced Studies at Durham University in England. In 2011, Dr. Cullen presented the 16th Bernard Fields Memorial Plenary lecture at the Conference on Retroviruses and Opportunistic Infections. Prior to joining the Duke faculty in 1987, he earned a master’s degree in virology from the Queen Elizabeth Medical School at the University of Birmingham and a Ph.D. in microbiology from the University of Medicine and Dentistry of New Jersey.

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Mark W. Dewhirst, D.V.M., Ph.D., is the Gustavo S. Montana Professor of Radiation Oncology and director of the Duke Cancer Institute’s Radiation Oncology Program. He also is associate dean for faculty mentoring in Duke University School of Medicine. His research interests include tumor hypoxia, angiogenesis, hyperthermia, and drug transport, and his work has been funded by the NIH for more than 30 years. He is a Fellow of the American Society for Radiation Oncology and a Fellow of the American Association for the Advancement of Science. Dr. Dewhirst has authored or co-authored more than 500 peer-reviewed publications, book chapters, and reviews, and his works have been cited more than 15,000 times in professional scientific journals. He has given named lectures at the University of Western Ontario, Thomas Jefferson University, and the New Zealand Cancer Society. Dr. Dewhirst was awarded the Failla Medal from the Radiation Research Society in 2008, the Eugene Robinson Award for excellence in hyperthermia research in 1992, and a similar award from the European Society for Hyperthermic Oncology in 2009. He is a senior editor of Cancer Research and editor-in-chief of the International Journal of Hyperthermia. He has mentored 20 graduate students, more than a dozen postdoctoral fellows, and many medical students. His skill in mentoring has been recognized by the Duke Comprehensive Cancer Center, the Medical Physics Graduate Training program, and the School of Medicine. Dr. Dewhirst graduated from the University of Arizona in 1971 with a degree in chemistry and from Colorado State University in 1975 and 1979 with D.V.M. and Ph.D. degrees, respectively.

Gustavo S. Montana, M.D., was a professor in Duke’s Department of Radiation Oncology and chief of the Division of Oncology at the Durham Veterans Affairs Medical Center. Active in the multi-modality therapy of patients with lung malignancies, Dr. Montana studied patterns of patient care and the impact of age on patient outcomes at the Durham VA Thoracic Oncology Clinic. When he retired in 2001, Duke University established this professorship to honor him. Dr. Montana lives in Chapel Hill, North Carolina, and continues as a Duke clinical professor in radiation oncology.
Anna Mae Diehl, M.D., is the Florence McAlister Professor of Medicine, chief of the Division of Gastroenterology, director of the Duke Liver Center, and professor of medicine in the Division of Gastroenterology. She came to Duke from Johns Hopkins University, where she served as the Paulson Professor of Medicine and director of hepatology in the Division of Gastroenterology. A member of the American Society for Clinical Investigation and the Association of American Physicians, Dr. Diehl has won numerous awards, including the American Association for the Study of Liver Disease’s Leon Schiff Prize for Excellence in Clinical Research; the Hans Popper Award from the International Association for the Study of Liver Diseases for Excellence in Basic Research; and the Sheila Sherlock Award for Overall Excellence in Hepatology from the British Gastroenterology Society. Dr. Diehl’s basic research focuses on mechanisms of liver repair, complementing her clinical care and study of patients with various acute and chronic liver diseases. Dr. Diehl graduated Phi Beta Kappa from Georgetown University in 1974 and summa cum laude, Alpha Omega Alpha from Georgetown University School of Medicine in 1978, winning the Janet M. Glasgow Award for women who graduate first in their medical school class and the Kober Award for Overall Academic Excellence. She completed clinical training in internal medicine and gastroenterology at the Johns Hopkins University School of Medicine.

Given by Amelie McAlister Upshur

Amelie M. Upshur was the daughter of William Henry McAlister, secretary and director of the American Tobacco Company. She established this professorship in 1936 as a memorial to her sister, Florence. Through her estate, she also supported the McAlister Auditorium at Tulane University in memory of her mother, and buildings at several other colleges, including Wheaton College, Montreat College, and others in honor of her father and other family members. The Florence McAlister Professorship was first held by Frederic M. Hanes, M.D., a member of the original Duke medical faculty, and later by Eugene A. Stead Jr., M.D., chair of the Department of Medicine from 1947 to 1967.
Pamela S. Douglas, M.D., is the Ursula Geller Professor of Research in Cardiovascular Diseases in the Department of Medicine and former chief of the Division of Cardiology at Duke. She is internationally known for her scientific work in non-invasive diagnostic testing, ventricular function and exercise, and heart disease in women. Pioneering work by Dr. Douglas using echocardiography to define phenotypes in mice won national research awards and has been adopted worldwide as a core component of cardiovascular translational research. She has helped set the nation’s research and clinical agendas in women’s health, contributing to ongoing advances in women’s cardiovascular medicine. Dr. Douglas also has advanced the understanding of the athlete’s heart and was nominated for the 2000 International Olympic Committee Prize in Exercise Science. Most recently, she has played an international leadership role in defining quality of care in cardiovascular diagnostic testing. Dr. Douglas is a past president of both the American College of Cardiology and the American Society of Echocardiography. She has served on the faculties of the University of Pennsylvania, Harvard Medical School, and University of Wisconsin, where she led the Section of Cardiovascular Medicine and was the first holder of the Dr. Herman and Ailene Tuchman Professorship in Cardiovascular Medicine. Dr. Douglas graduated from Princeton University and the Medical College of Virginia and completed internal medicine and cardiology training at The Hospital of the University of Pennsylvania.

Given by George Barth Geller

George Barth Geller, M.D., was a general surgeon who practiced in New York and Florida. He had no connection to Duke University and never visited Durham, North Carolina. He was introduced to Duke by Fenner Douglass, a Duke professor of music and university organist, and his brother, John Douglass, an attorney. Dr. Geller established a series of endowments at Duke University School of Medicine in the late 1980s. When he died in 1992, an additional bequest helped to establish this endowment and several others. This endowment honors his wife, Ursula.
Victor J. Dzau, M.D., is a James B. Duke Professor of Medicine, chancellor for health affairs at Duke University, president and CEO of the Duke University Health System, and director of the Mandel Center for Hypertension and Atherosclerosis Research. Widely regarded as the founder of vascular medicine, Dr. Dzau pioneered gene therapy for vascular disease and was the first to introduce DNA decoy molecules to block transcriptions as gene therapy in vivo. His laboratory has studied the molecular and genetic mechanisms of cardiovascular disease and applied genomic and gene-transfer technologies to develop novel therapeutic approaches. His work on the renin angiotensin system (RAS) paved the way for the understanding of RAS in cardiovascular disease and the development of RAS inhibitors as therapeutics. Dr. Dzau’s academic interests are in translational research and global health. His recent work has focused on the responsibility of academic health centers to reduce health disparities and promote innovation in health care delivery around the world. Dr. Dzau’s many honors include the prestigious Gustav Nylin Medal from the Swedish Royal College of Medicine; Germany’s Max Delbruck Medal; the Commemorative Gold Medal from Ludwig Maximillian University of Munich and Frey-Werle Foundation; the inaugural Hatter Award from the Medical Research Council of South Africa; the Polzer Prize from the European Society of Sciences and Arts; the Ellis Island Medal of Honor of the United States; the Novartis Award for Hypertension Research; and the Research Achievement Award of the American Heart Association. Before coming to Duke in 2004, Dr. Dzau was chair of the Department of Medicine and Arthur Bloomfield Professor at Stanford University and the Hersey Professor of the Theory and Practice of Medicine and chair of the Department of Medicine at Harvard Medical School and Brigham and Women’s Hospital. He also was physician-in-chief and director of research at Brigham and Women’s. He earned an M.D. from McGill University and received postgraduate training at Harvard Medical School.

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David L. Epstein, M.D., M.M.M., is the Joseph A.C. Wadsworth Clinical Professor of Ophthalmology and chair of the Department of Ophthalmology. Under his direction, the Duke Eye Center has become one of the country’s premier centers for eye-related research, treatment, and education. His research on glaucoma and the role of aqueous-humor outflow has been continuously funded by the National Eye Institute for more than three decades. Dr. Epstein’s glaucoma laboratory has developed novel outflow-regulation drugs that could potentially control or cure glaucoma. A clinician-scientist who has studied and taught strategic leadership skills and how to effectively manage complex operational missions, Dr. Epstein has served on many national scientific advisory boards, often as chair. He was president of the Association of University Professors of Ophthalmology (AUPO) from 2011 to 2012. He has a special interest in fostering the careers of physician-scientists in ophthalmology and translating the best in science to the understanding and treatment of human ocular disease. Dr. Epstein earned undergraduate and medical degrees from Johns Hopkins University and Johns Hopkins University School of Medicine and a master’s degree in medical management (M.M.M.) in 2001 from the Tulane University School of Public Health.

Given by Duke University

Joseph Wadsworth, M.D., was a 1939 graduate of Duke University School of Medicine. After an internship at New York’s Bellevue Hospital, he was a U.S. Army Air Corps flight surgeon during World War II. He completed a residency at Columbia Presbyterian Hospital from 1945 to 1948 and served on the Columbia faculty until 1965. At that time, Duke was planning to establish a Department of Ophthalmology separate from the Department of Surgery, and he was recruited as its first chair. He is credited with spearheading the development of the Duke Eye Center into a leading research and treatment center. When he retired in 1983, Duke honored him by naming the Eye Center clinical facility in his honor. In 1986, Duke established this endowment to support a distinguished clinician in the field of ophthalmology.
Harold Erickson, Ph.D., is a James B. Duke Professor of Cell Biology. A Duke faculty member since 1971, he began his career working with Nobel Prize winner Sir Aaron Klug, Ph.D., at the Medical Research Council Laboratory in Cambridge, England, developing techniques for computer reconstruction of electron microscope images. Dr. Erickson’s initial research at Duke focused on the cytoskeleton—in particular, the assembly of microtubules—and he extended his interest in protein assembly to the extracellular matrix. His laboratory was one of the first to develop modern techniques for electron microscopy of single-protein molecules using rotary shadowing. Dr. Erickson’s current research on the cytoskeleton has shifted from eukaryotic cells to bacteria, with a focus on FtsZ and cell division. His lab is also studying the assembly and elastic properties of the fibronectin extracellular matrix, which is important in embryonic development, wound healing, and cancer. Dr. Erickson teaches histology to first-year medical students and a variety of topics in biochemistry to graduate students. He holds a Ph.D. in biophysics from Johns Hopkins University.

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Richard Hall Chaney Sr.
Professor of Otolaryngology,
Head and Neck Surgery

Ramon Esclamado, M.D., is the Richard Hall Chaney Sr. Professor of Otolaryngology-Head and Neck Surgery and chief of the Division of Otolaryngology-Head and Neck Surgery in the Department of Surgery. Dr. Esclamado is recognized for his research and clinical contributions in the field of micro-vascular reconstruction for head and neck cancer defects, and his clinical expertise in the multidisciplinary management of head and neck tumor patients. He also has a strong commitment to resident education. Prior to joining the Duke faculty in 2006, he served as vice chair of the Cleveland Clinic Foundation’s Head and Neck Institute and director of the Section of Head and Neck Surgery, where he rose to the rank of professor of surgery. Dr. Esclamado formerly served as director of the Division of Head and Neck Surgery in the University of Michigan’s Department of Otolaryngology—and led the Head and Neck Oncology Program of the university’s Comprehensive Cancer Center. He has served on a variety of committees of the American Academy of Otolaryngology Head and Neck Surgery, on the editorial board of Head and Neck, and on the Council for the American Head and Neck Society. Dr. Esclamado earned a medical degree from the University of California, Davis, and then completed a residency in otolaryngology, head and neck surgery at the University of Washington in Seattle, where he also earned a master’s degree in experimental pathology.

Given by Richard Hall Chaney Sr. and Mary Mac Chaney

Richard Hall Chaney Sr. was co-founder and chief executive officer of Chaney Enterprises, Ltd., of Maryland. His personal experience with throat cancer led him and his wife, Mary Mac Chaney, to establish this endowment in 1996 in honor of his Duke physician, William J. Richtsmeier, M.D., Ph.D., to support research in the Division of Otolaryngology-Head and Neck Surgery. Mr. Chaney died in 1999.
Michael Frank, M.D., is the Samuel L. Katz Professor of Pediatrics and a professor of immunology. Dr. Frank chaired the Department of Pediatrics from 1990 to 2004 and served as Duke University Hospital’s chief of staff from 2002 to 2004. He now conducts basic and clinical immunologic research and is an internationally recognized expert on the role of complement in innate immunity and on the biological and medical consequences of complement activation. Dr. Frank’s studies on autoimmune hemolytic anemia provided breakthrough insights on the role of antibody and complement in clearing red blood cells from circulation. Dr. Frank conducted landmark studies on the protease inhibitor C1’s role in hereditary angioedema, developed the first therapy for this disease, and carried out critical controlled clinical trials that led to patient cures. He also conducted landmark studies of the role of complement in protection from infectious diseases. In 2011, Dr. Frank received the first Lifetime Achievement Award from the U.S. Hereditary Angioedema Association. A Ford Foundation Scholar at the University of Wisconsin, he attended Harvard Medical School and was a house officer on the Harvard Service at Boston City Hospital. He also was a pediatric resident at Johns Hopkins Hospital, an allergy-immunology fellow, and an NIH clinical associate. After immunology training at the National Institute for Medical Research in London, Dr. Frank returned to the NIH as a senior staff member and joined the National Institute of Allergy and Infectious Diseases (NIAID) as chief of the Humoral Immunity Section. From 1977 to 1990 he served as NIAID’s clinical director and chief of the Laboratory of Clinical Investigation.

Samuel L. Katz, M.D., is an international expert on infectious diseases and vaccine research and development, as well as a global advocate for children's health. A Wilburt C. Davison Professor of Pediatrics, Dr. Katz chaired Duke’s Department of Pediatrics from 1968 to 1990. Prior to that, he was a faculty member at Boston Children’s Hospital, where he spent 12 years working with Nobel laureate John J. Enders, Ph.D., to develop the attenuated measles virus vaccine. This professorship was established by Duke University in 1988 to honor Dr. Katz for his leadership.

Samuel L. Katz Professor of Pediatrics
Robert C. Atkins, M.D., and Veronica Atkins Professor of Nutrition and Metabolism

Michael Freemark, M.D., is the Robert C. Atkins, M.D., and Veronica Atkins Professor of Nutrition and Metabolism. He has more than 30 years of experience caring for children and adolescents with endocrine disorders and diabetes, serving for the past 21 years as chief of Duke’s Division of Pediatric Endocrinology and Diabetes. In that capacity, he has overseen the division’s clinical and research efforts, trained numerous medical students, pediatric residents, endocrine fellows, and junior faculty, and conducted groundbreaking basic and clinical research in the fields of intermediary metabolism and growth. In addition to directing an active research laboratory, Dr. Freemark has played a leading role in the field of clinical pediatric nutrition. He and his colleagues were the first to demonstrate the benefits of pharmacotherapy in children with pre-diabetes, and he has authored seminal reviews on the pathogenesis and treatment of childhood obesity. He and his colleagues are now conducting studies of the pathogenesis of malnutrition in Ugandan children. Dr. Freemark led the Consensus Committee on Pediatric Obesity and co-authored the Endocrine Society’s guidelines for evaluating and managing obese children. He also plays a leading role in evaluating and managing children with type 1 diabetes; he and his colleagues were the first to use insulin pumps in infants and toddlers with the disease, and Dr. Freemark spearheaded the screening of diabetic children for celiac disease. He was recently invited to serve as a consultant to Project Hope for assessment of pediatric services for diabetic children in China. Dr. Freemark’s numerous honors include receiving Clinical Investigator and Research Career Development Awards from the National Institute of Child Health and Development, research grants from the American Diabetes Association and Juvenile Diabetes Research Foundation, and a Fogarty Senior International Fellowship for sabbatical training in Paris. He is also a recipient of Duke’s Golden Apple Award for outstanding teaching. Dr. Freemark earned a bachelor’s degree from Brandeis University and a medical degree from Duke. He completed both a pediatrics residency and fellowship at Duke. He also completed a research fellowship at the Lineberger Cancer Research Center at the University of North Carolina at Chapel Hill.

Given by the Dr. Robert C. and Veronica Atkins Foundation

Robert C. Atkins, M.D., founded and was medical chair of the Atkins Center for Complementary Medicine and author of Dr. Atkins’ New Diet Revolution, a New York Times bestseller for nearly six years. The Atkins Foundation funds independent scientific research examining the role of metabolism and nutrition in obesity, diabetes, cancer, heart disease, Alzheimer’s disease, and other serious health problems. Dr. Atkins died in 2003.
Guy L. Odom Professor of Neurological Surgery

Allan H. Friedman, M.D., is the Guy L. Odom Professor of Neurological Surgery, co-director of the Preston Robert Tisch Brain Tumor Center, and associate chief of the Preuss Laboratory for Brain Tumor Research, a position he has held since 1996. As director of the Neurosurgical Residency Training Program, he also is active in surgical education at Duke. One of the world’s foremost neurosurgeons, Dr. Friedman has performed more than 350 tumor resections at Duke. His clinical interests are malignant brain tumors and neurosurgical resident education. He is the director of the Research Update in Neuroscience for Neurosurgeons, an annual course sponsored by the Society of Neurological Surgeons. A Fellow of the American College of Surgeons, Dr. Friedman is a past president of both the Society of Neurological Surgeons and the Neurosurgical Society of America. He earned a medical degree from Illinois Medical School, where he graduated with honors as a James Scholar of Medicine.

Given by friends of Guy Odom and Duke University

Guy L. Odom, M.D., was a James B. Duke Professor of Neurosurgery and chief of the Division of Neurosurgery from 1960 to 1976. Earlier, he established a research and teaching laboratory in neuropathology, as well as a brain tumor clinic. Dr. Odom was active in his field at the national level, serving as president of both the Society of Neurological Surgeons and the American Academy of Neurological Surgeons. He was a 1977 recipient of the Duke Medical Alumni Association Distinguished Teaching Award and a recipient of the Harvey Cushing Medal of the American Association of Neurological Surgeons. In 1977, former Duke neurosurgery residents, colleagues, and friends established this endowment. When Dr. Odom retired in 1981, Duke University funded it to the level of a professorship to support a clinical neurosurgeon who demonstrates the compassion, judgement, and skill that characterized Dr. Odom’s professional life. Dr. Odom died in 2001.
Henry Friedman, M.D., is the James B. Powell Jr. Professor of Pediatric Oncology; co-deputy director of the Preston Robert Tisch Brain Tumor Center; and a professor of pediatrics, associate professor of medicine, and assistant professor of pathology. Since the early 1990s, he has served as the associate chief of the Preuss Laboratory for Brain Tumor Research. Dr. Friedman’s clinical interests include adults and children with primary and secondary brain and spinal-cord tumors and the laboratory and clinical design of novel therapies that utilize alkylating agents, monoclonal antibodies, anti-angiogenic agents, and gene therapy. Patients come to Duke from around the world seeking help through the many innovative treatments he has pioneered. Dr. Friedman came to Duke in 1981 as a senior research fellow in pediatric hematology-oncology. He holds a medical degree from the State University of New York (SUNY), Syracuse, where he also received training in pediatrics, followed by training in pediatric hematology-oncology at SUNY Upstate Medical Center.

Given by James B. Powell Sr. and Ann Powell

James B. Powell Sr., M.D., and his wife, Ann, established this endowment in 1991 in loving memory of their son, James B. Powell Jr., who died of a brain tumor in 1987. Dr. Powell Sr. is a 1964 graduate of Duke University School of Medicine. Dr. and Mrs. Powell hope their gift will lead to significant progress toward a cure for brain tumors and other childhood cancers.
Charles D. Watts Professor of Molecular Genetics and Microbiology

Mariano A. Garcia-Blanco, M.D., Ph.D., is the Charles D. Watts Professor of Molecular Genetics and Microbiology, professor of medicine, director of the Center for RNA Biology at Duke University, and professor of emerging infectious diseases at the Duke-National University of Singapore Graduate Medical School (Duke-NUS). He has made important discoveries about alternative RNA splicing and disease. He pioneered the imaging of splicing in tissues and tumors of living animals, which revealed unexpected plasticity in cancer. He also has discovered scores of host factors for pathogenic RNA viruses, providing needed targets for anti-viral therapy. He is a Fellow of the Association of American Physicians and was recently elected Fellow of the American Association for the Advancement of Science.

Dr. Garcia-Blanco obtained a bachelor’s degree in biochemical sciences from Harvard College and an M.D. and Ph.D. in molecular biophysics and biochemistry at Yale University. He completed postdoctoral training in RNA biology with Nobel laureate Phillip A. Sharp, Ph.D., at the Massachusetts Institute of Technology.

Eponymous

Charles D. Watts, M.D., was a pioneering African-American surgeon and community advocate in Durham. Dr. Watts earned a medical degree from Howard University College of Medicine and completed surgical training at Freedman’s Hospital. As a young physician, he first joined the staff of Lincoln Hospital in Durham, one of the few American hospitals at the time that granted surgical privileges to African-American physicians. Dr. Watts was instrumental in fighting for one integrated public health care facility in Durham, which led to the creation of Durham Regional Hospital in 1967. In 1970, he founded Lincoln Community Health Center, a modern free-standing clinic, which continues to provide medical and dental care to Durham residents. He also served as chief of surgery at Lincoln Hospital, adjunct clinical professor of surgery at Duke, and director of student health at North Carolina Central University. Dr. Watts died in 2004, and Duke University established this eponymous professorship in his honor.
Ronald N. Goldberg, M.D., is the Dorothy J. Shaad/Angus M. McBryde Sr. Professor of Pediatrics; chief of the Division of Neonatology; and founder and director of the Jean and George Brumley Jr. Neonatal-Perinatal Research Institute at Duke. He also holds professorships in obstetrics and gynecology and in the Duke University School of Nursing. Dr. Goldberg joined Duke in 1996 as chief of neonatal-perinatal medicine and director of the Neonatal Intensive Care Unit. The following year, he established the multidisciplinary Neonatal-Perinatal Research Institute (NPRI), which unites foremost investigators from a spectrum of diverse fields. Under Dr. Goldberg’s leadership, Duke’s neonatology service remains at the forefront of innovative translational medical research. He is the chair for the Genomic Committee in the National Institute of Child and Human Development (NICHD); holds an NIH research grant; and is the principal investigator of his division’s training grant. Dr. Goldberg’s collaborative research of inhaled ethyl nitrate as a therapy for neonatal persistent pulmonary hypertension led to the division being honored with the School of Medicine’s first Translational Medicine Award. In 2008, Dr. Goldberg received one of Duke’s highest honors, the Leonard Palumbo Jr., M.D., Faculty Achievement Award, for his “deep and abiding inspiration in the care of his patients and a tradition of excellence in teaching and mentoring of young physicians in the Duke University School of Medicine.” Dr. Goldberg previously led the Neonatal Intensive Care Unit at the University of Miami’s Jackson Memorial Hospital, where he also served as a professor of pediatrics and obstetrics. After earning an M.D. from the University of California, Los Angeles, School of Medicine, he completed a pediatric residency and neonatology fellowship at the University of Southern California, Los Angeles County Hospital.

Dorothy J. Shaad/Angus M. McBryde Sr. Professor of Pediatrics

Ronald N. Goldberg, M.D.

Dorothy J. Shaad, M.D., was a National Research Council Fellow at Columbia Presbyterian Medical Center in New York; a research assistant at Harvard University’s Howe Laboratory; and a technician at the Manhattan Eye and Ear Hospital in New York City. She completed a residency in pediatrics at Duke in 1945. Angus M. McBryde Sr., M.D., served on the Duke faculty from 1931 to 1959, founding the Division of Neonatal-Perinatal Medicine, now known as the Division of Neonatology, and devoting much of his career to training young scientists. This endowment was created through gifts from Dr. McBryde’s family and planned and estate gifts from Dr. Shaad to honor their shared commitment to pediatric medicine and mentoring young physician-scientists.

Given by Dorothy J. Shaad and the family of Angus M. McBryde Sr.
Richard and Pat Johnson
Distinguished University Professor in Cardiology or Genomics

David B. Goldstein, Ph.D., is the Richard and Pat Johnson University Professor of cardiovascular genomics, a professor of molecular genetics and microbiology, and the director of the Center for Human Genome Variation. Dr. Goldstein joined the Duke faculty in 2005 after serving as the Wolfson Professor of Genetics at University College London and a lecturer at the University of Oxford. His Duke laboratory is working to identify genetic alterations linked to various diseases, including HIV and neuropsychiatric and cognitive disorders. Working with colleagues at the Duke Clinical Research Institute, Dr. Goldstein recently discovered genetic signatures that predict response to hepatitis C treatments. He is the author of Jacob’s Legacy: A Genetic View of Jewish History, an exploration of the genetic roots of the Jewish priesthood. (The book demonstrates that most Jewish men who claim descent from ancient Jewish priests share a set of genetic markers dubbed the Cohen Modal Haplotype, which arose roughly 3,000 years ago.) In 2001, Dr. Goldstein received the Wolfson/Royal Society Research Merit Award, and he serves on the editorial boards for Current Biology and Trends in Genetics. He earned a bachelor of science degree from the University of California, Los Angeles, and a Ph.D. from Stanford University, where he trained as a population geneticist. He then trained as an NIH postdoctoral fellow at Pennsylvania State University.

Given by Richard and Pat Johnson

Richard and Pat Johnson of West Palm Beach, Florida, are longtime supporters of Duke University and Duke Medicine. Mr. Johnson is the founder of Cornelius, Johnson, and Clark Insurance Agency and president of the Johnson Investment Group in West Palm Beach. He earned a business degree from Trinity College in 1952 and is a member of the Duke Medicine Board of Visitors. Mrs. Johnson is a member of the Duke Children’s National Board of Advisors.
James C. Greenfield Jr., M.D., is a James B. Duke Professor of Medicine and director of the Heart Station at the Durham Veterans Affairs Medical Center. Dr. Greenfield has spent most his career at Duke, serving as chair of the Department of Medicine from 1983 to 1995, chief of the Division of Cardiology from 1981 to 1989, and director of the Duke Medical Center Heart Station for 30 years. His research interests involved defining the factors that regulate coronary blood flow, as well as the development of the electrocardiogram to enhance clinical care. Dr. Greenfield’s many honors include the Eugene A. Stead, M.D., Award for Excellence in Teaching, which he received twice; the Medical Alumni Association’s Distinguished Faculty Award; the American College of Cardiology’s Distinguished Scientist Award; a MERIT Award from the National Heart, Lung, and Blood Institute; and the Paul Dudley White Award from the Association of Military Surgeons of the United States. Dr. Greenfield earned a bachelor’s degree and an M.D. from Emory University. He completed residency training at Duke, spent three years at the National Heart Institute, and returned to Duke in 1962.

Given by The Duke Endowment

Created in 1953 by a special grant from The Duke Endowment, the James B. Duke professorships honor the late James Buchanan Duke, a North Carolina industrialist and philanthropist who was the principal benefactor of Duke University, Duke University Hospital, and the schools of medicine and nursing. The Duke professorships honor well-established members of the Duke academic community, regardless of field, who have achieved distinction as creative scholars.
Laszlo Ormandy Professor of Orthopaedic Surgery in the Department of Surgery

Farshid Guilak, Ph.D., is the Laszlo Ormandy Professor of Orthopaedic Surgery and director of orthopaedic research. He holds appointments in orthopaedic surgery, biomedical engineering, and mechanical engineering and materials science. Dr. Guilak’s research focuses on the study of osteoarthritis, a painful and debilitating disease of the synovial joints. His laboratory uses a multidisciplinary approach to investigate the role of biomechanical factors in the disease’s onset and progression—from the cellular and molecular levels to the whole body. Dr. Guilak’s work has uncovered many mechanisms by which biomechanical and biochemical factors interact to control joint health. His laboratory is also recognized for discovering adult stem cells in normal body fat and for using these cells to regenerate articular cartilage as a therapy for arthritis. Dr. Guilak is the editor-in-chief of the *Journal of Biomechanics* and serves on the editorial boards of several other journals. He has won numerous national and international awards for his research and mentorship and was recently voted as the university’s most outstanding postdoctoral mentor by the Duke University Postdoctoral Association. He also was named an inaugural DukeMed Scholar. Dr. Guilak earned a Ph.D. in mechanical engineering from Columbia University in 1992 and came to Duke in 1994.

Given by Laszlo Ormandy

Laszlo Ormandy, M.D., completed orthopaedic surgery training at Duke in 1942 with then-chief of the Division of Orthopaedic Surgery Lenox Baker, M.D. He practiced surgery in the Washington, D.C., area for many years and had fond memories of his time at Duke. He established this professorship through his estate in 1991.
Russell P. Hall III, M.D., is the J. L. Callaway Professor of Dermatology, chair of the Department of Dermatology, and a professor in the Department of Immunology. His research and clinical interests include immunologically mediated skin diseases, blistering skin diseases, and immuno-fluorescence testing. Prior to coming to Duke in 1984, Dr. Hall was a clinical associate in the Dermatology Branch of the National Cancer Institute and was named an Expert in 1982. The secretary-treasurer of the Society for Investigative Dermatology, Dr. Hall has authored hundreds of peer-reviewed articles. He earned an undergraduate degree *cum laude* from Westminster College and holds an M.D. from the University of Missouri School of Medicine. He completed an internship in medicine at St. Louis University and dermatology residency training at the University of Missouri and Johns Hopkins University.

**Given by friends of J. Lamar Callaway**

J. Lamar Callaway, M.D., was a member of Duke University School of Medicine’s second class to graduate. He joined the faculty as Duke’s first dermatologist in 1937 and in 1939, became the Division of Dermatology’s first chief. Named a James B. Duke Professor in 1967, Dr. Callaway served as division chief until 1975 and retired from the Duke faculty in 1987. Under his leadership, the division became internationally prominent and produced many academic and clinical leaders in the field of dermatology. Dr. Callaway served as president of the American Academy of Dermatology, the American Dermatological Association, the American Board of Dermatology, and the Society of Investigative Dermatology. He received the American Academy of Dermatology Gold Medal in 1972. This professorship was established in 1977 by former Duke dermatology residents, colleagues, and friends.
Richard Sean Stack, M.D./Guidant Foundation Professor of Cardiology

Robert A. Harrington, M.D., is the Richard Sean Stack, M.D./Guidant Foundation Professor of Cardiology and director of the Duke Clinical Research Institute, as well as an invasive cardiologist and professor of medicine. His research accomplishments have helped to redefine the care of patients with acute ischemic heart disease. His research interests include evaluating antithrombotic therapies to treat acute ischemic heart disease and minimize acute complications of percutaneous coronary procedures. Dr. Harrington also is studying the mechanism of acute coronary syndromes, the risk stratification of patients with acute ischemic coronary syndromes, and the improvement of clinical-trial methodology. He is the recipient of an NIH Roadmap contract to investigate best practices among clinical trial networks—as well as a Grand Opportunity (GO) Grant to transform the conduct of clinical trials by using national professional society databases as the backbone of clinical trial data collection. Dr. Harrington has authored multiple peer-reviewed manuscripts, reviews, book chapters, and editorials. He was one of the senior co-editors for the eighth edition of the American College of Chest Physicians’ Consensus Panel on Antithrombotic and Thrombolytic Drugs supplement and for the 13th edition of Hurst’s The Heart. He is an associate editor of the American Heart Journal and an editorial board member for the Journal of the American College of Cardiology. He is a Fellow of the American College of Cardiology; the American Heart Association; the Society of Cardiovascular Angiography and Intervention; the American College of Chest Physicians; and the European Society of Cardiology. Dr. Harrington joined the Duke faculty in 1993 after completing residency training in internal medicine at the University of Massachusetts Medical Center, followed by a cardiology fellowship at Duke, where he trained in interventional cardiology and research in the Duke Databank for Cardiovascular Diseases. He earned a medical degree from Tufts University School of Medicine and an undergraduate degree in English from the College of the Holy Cross.

Given by Guidant Foundation

Richard Sean Stack, M.D., spent his entire academic medical career at Duke, where he founded the Interventional Cardiology Program and led it from 1983 to 2002. After retiring from academia, he founded and served as a managing partner of Synecor, L.L.C., a business generator and financial incubator for new medical-device companies. Synecor has since launched four medical-device companies. Dr. Stack is internationally recognized as a thought leader in the field of medical technology and has more than 100 worldwide patents issued or pending. His numerous awards include the 1995 International Award for Best Interventional Cardiology Experimental Research from Thoraxcentre. This endowment was established in 2004 by the Guidant Foundation in honor of Dr. Stack to support a faculty member conducting interdisciplinary research who incorporates genetic and genomic approaches to preventing and treating disease.
Barton Haynes, M.D., is the F. M. Hanes Professor of Medicine, a professor of immunology, and the director of the Duke University Human Vaccine Institute. He discovered functional molecules associated with human lymphocyte development and defined the maturation pathways of the human thymus, in which T lymphocytes arise. Dr. Haynes developed techniques that led to curative thymic transplantation for children born without a thymus, a condition known as DiGeorge Syndrome. From 1995 to 2002, Haynes served as chair of Duke’s Department of Medicine, after heading the Division of Rheumatology, Allergy, and Clinical Immunology. From 2002 to 2005, he founded and led the Southeastern Regional Center of Excellence in Biodefense and Emerging infections—a consortium of 21 universities funded by the NIH to perform translational research on emerging infectious diseases. Since 2005, he has served as the principal investigator for the Center for HIV/AIDS Vaccine Immunology (CHAVI), a grant from the National Institute of Allergy and Infectious Diseases (NIAID) that serves as the NIH contribution to the Global HIV/AIDS Vaccine Enterprise initiative to accelerate HIV vaccine development. Dr. Haynes is a recipient of the Lee Howley Sr. Prize from the Arthritis Foundation; the Distinguished Investigator Award of the American College of Rheumatology; the Distinguished Investigator Award of the American Federation for Clinical Research; and the Alexander Fleming Award from the Infectious Diseases Society of America. In 2003, he received the Duke Medical Alumni Association’s Distinguished Faculty Award. He is a member of the Institute of Medicine and a Fellow of the American Academy of Arts and Sciences. Dr. Haynes holds an undergraduate degree from the University of Tennessee and an M.D. from Baylor College of Medicine. He completed training in internal medicine at Duke and trained in infectious diseases and allergy and clinical immunology at the National Institute of Allergy and Infectious Diseases.

Given by Frederic M. and Elizabeth P. Hanes

Frederic M. Hanes, M.D., was a member of the original Duke University School of Medicine faculty and chair of the Department of Medicine from 1933 until his death in 1946. He earned a medical degree from Johns Hopkins University School of Medicine in 1908 and worked as a pathologist at Columbia University and Presbyterian Hospital of New York. He also worked at the Rockefeller Institute, Washington University in St. Louis, London’s Queen Square Hospital, and the Medical College of Virginia. Dr. Hanes was an internist in Winston-Salem, North Carolina, when he was recruited to Duke. He proposed the creation of a pooled fund in the Department of Medicine that eventually was the basis for the innovative Duke Private Diagnostic Clinic. A bequest from his estate established this professorship in 1951 to promote the highest level of medical training and research at Duke. Upon her death in 1958, Dr. Hanes’ wife Elizabeth made an additional bequest in his memory.
James B. Duke Professor of Molecular Genetics and Microbiology

Joseph Heitman, M.D., Ph.D., is a James B. Duke Professor of Molecular Genetics and Microbiology, director of the Center for Microbial Pathogenesis, and a professor of medicine. He also holds a professorship in the Department of Pharmacology and Cancer Biology. Dr. Heitman’s research focuses on how cells sense and respond to nutrients and the environment; the targets and mechanisms of action of immunosuppressive and antimicrobial drugs; the genetic and molecular bases of microbial pathogenesis and development; and the role of sexual reproduction in the evolution of microbial pathogens. Notably, Dr. Heitman discovered TOR as the target of the immunosuppressive drug rapamycin and helped elucidate its conserved role as a nutrient sensor. More recently, he discovered that pathogenic microbes can undergo unisexual reproduction to evolve and cause disease. Dr. Heitman is a recipient of the Burroughs-Wellcome Scholar Award in Molecular Pathogenic Mycology, the AMGEN and Squibb Awards for significant contributions using molecular biology to understand human disease and infectious diseases, and a MERIT Award from the National Institute of Allergy and Infectious Diseases for his studies on the impact of sexual reproduction on microbial pathogens. He is a Fellow of the American Society for Clinical Investigation; the Infectious Diseases Society of America; the American Academy of Microbiology; the Association of American Physicians; and the American Association for the Advancement of Science. Dr. Heitman has served as an instructor in residence at the Marine Biological Laboratory Molecular Mycology Course, Woods Hole, Massachusetts, since 1998. He also serves as editor of *Eukaryotic Cell, Fungal Genetics and Biology, Current Genetics,* and *PLoS Pathogens* and on the editorial boards for *PLoS Biology, Current Biology,* and *Cell Host & Microbe*. He earned undergraduate and master’s degrees with general and special honors from the University of Chicago, and medical and doctoral degrees from the Medical Scientist Training Program at Weill Cornell Medical College and the Rockefeller University. He also completed a European Molecular Biology Organization fellowship at the Biocenter in Basel, Switzerland.

Given by The Duke Endowment

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Homme Hellinga, Ph.D., is a James B. Duke Professor of Biochemistry. He joined the Duke faculty in 1992 as an assistant professor in the Department of Biochemistry. Dr. Hellinga is interested in the development and application of protein-engineering methodologies. He has developed computational approaches to identify and design protein mutations that alter function as well as automation techniques to rapidly construct and experimentally test these engineered proteins. Dr. Hellinga’s work has been recognized with the Emil Kaiser Award from the Protein Society; the Feynman Prize for experimental nanotechnology from the Foresight Institute; and a Director’s Pioneer Award from the NIH. Dr. Hellinga earned an undergraduate degree in molecular biology from Edinburgh University and a Ph.D. at the University of Cambridge MRC Laboratory of Molecular Biology.

Homme Hellinga, Ph.D.

Given by The Duke Endowment

Created in 1953 by a special grant from The Duke Endowment, the James B. Duke professorships honor the late James Buchanan Duke, a North Carolina industrialist and philanthropist who was the principal benefactor of Duke University, Duke University Hospital, and the schools of medicine and nursing. The Duke professorships honor well-established members of the Duke academic community, regardless of field, who have achieved distinction as creative scholars.
George Barth Geller Professor for Research in Molecular Biology

Brigid Hogan, Ph.D., is a George Barth Geller Professor for Research in Molecular Biology and chair of the Department of Cell Biology. Dr. Hogan is a member of both the National Academy of Sciences and the Institute of Medicine; a Fellow of both the Royal Society of London and the American Academy of Arts and Sciences; and an honorary Fellow of Newnham College in Cambridge, England. Prior to joining Duke, she was a Howard Hughes Medical Institute Investigator and the Hortense B. Ingram Professor of Molecular Oncology in the Department of Cell Biology at Vanderbilt University Medical Center. She also served as head of the Molecular Embryology Laboratory at the National Institute for Medical Research in London. After completing a Ph.D. in biochemistry at the University of Cambridge, Dr. Hogan held a two-year North Atlantic Treaty Organization (NATO) research fellowship in the Department of Biology at the Massachusetts Institute of Technology.

Given by George Barth Geller

George Barth Geller, M.D., was a general surgeon who practiced in New York and Florida. He had no connection to Duke University and never visited Durham, North Carolina. He was introduced to Duke by Fenner Douglass, a Duke professor of music and university organist, and his brother, John Douglass, an attorney. Dr. Geller established a series of endowments at Duke University School of Medicine in the late 1980s. When he died in 1992, an additional bequest helped to establish this endowment and several others.
Shiao-Wen David Hsu, M.D., Ph.D., is the William Dalton Family Assistant Professor in Medical Oncology, an assistant professor in the Department of Medicine, and an independent investigator in the Duke Institute for Genome Sciences & Policy (IGSP). His research centers on developing genomic strategies to improve the prognosis and treatment of colorectal and other gastrointestinal malignancies, as well as the mechanisms involved with metastasis of colorectal cancer. His IGSP lab has proven to be a valuable base for translational work in genomic research linked to GI malignancies. Dr. Hsu’s collaborations with medical oncologists, gastroenterologists, pathologists, and surgeons led to the establishment of a GI tumor bank that is being piloted in his laboratory as a model for developing an institutional biobank. His research has been recognized with several young investigator awards, including funding from the American Cancer Society and Cancer and Leukemia Group B. In 1992, Dr. Hsu was a recipient of a Protein Engineering and Molecular Genetics NIH grant for predoctoral research in the basic sciences, of which only five are awarded annually. One of the papers he authored during medical school and graduate school was published in the Proceedings of the National Academy of Sciences. Dr. Hsu earned a B.S. in chemistry, an M.D., and a Ph.D. in biochemistry at the University of North Carolina at Chapel Hill, where he was a named J. Irvin Logan Predoctoral Fellow in his first graduate year and a Glaxo Research Predoctoral Fellow in his third. He completed an internal medicine residency at the University of Texas Southwestern Medical Center, Dallas, and a fellowship in hematology-oncology at Duke before joining the Duke faculty in 2007.

William Dalton is a 1957 graduate of Trinity College. He and his wife, Susan Louise Dalton, have been members of the Duke Comprehensive Cancer Center/Duke Cancer Institute Board of Overseers since 2002. A 2003 gift from the Daltons was matched with funds from the Nicholas Faculty Leadership Initiative to establish an endowment to support a faculty member in the field of medical oncology in Duke’s Division of Medical Oncology and Transplantation.
Josiah Charles Trent Professor in the History of Medicine

Margaret Humphreys, M.D., Ph.D., is the Josiah Charles Trent Professor in the History of Medicine and a professor of both medicine and history. A specialist in the history of science, Dr. Humphreys’ research and publications focus primarily on tropical and infectious diseases such as yellow fever, typhus, and malaria. Her interests also include infectious diseases in the American South, war and medicine, differences in rural and urban public health, and the impact of housing, race, and poverty on disease incidence. In 2008, she published a work about the health of black soldiers in the American Civil War and is now writing a more general book about Civil War medicine, which has received a National Library of Medicine publication grant. Her work has also received funding from the Burroughs-Wellcome History of Medicine Fund and the Trent Foundation. In 2004, the American Council of Learned Societies awarded her a Frederick Burkhardt Fellowship for a sabbatical year at the National Humanities Center. Dr. Humphreys earned an undergraduate degree at the University of Notre Dame and master’s and doctoral degrees in the history of science from Harvard University. In 1987, she earned a medical degree at Harvard Medical School and then completed a residency in internal medicine at Brigham and Women’s Hospital.

Given by Mary Duke Biddle Trent Semans and James H. Semans

This professorship was established in 1974 by Mary Duke Biddle Trent Semans, trustee, emerita, of Duke University, and her husband, James H. Semans, M.D., professor, emeritus, of urology, in loving memory of Josiah Charles Trent, M.D. Dr. Trent, who died of lymphoma in 1948, was Mrs. Seman’s first husband. He was an associate professor of surgery and chief of the Division of Thoracic Surgery. Recognized as both a surgeon and an authority on medical history, Dr. Trent was a writer and collector who strove to humanize his profession and narrow the gap between medicine and literature. The endowment has been supplemented over the years by gifts from the Mary Duke Biddle Foundation and the Josiah Charles Trent Memorial Foundation.
Danny O. Jacobs, M.D., M.P.H., is the David C. Sabiston Jr. Professor of Surgery. A specialist in gastrointestinal surgery, he joined Duke’s Department of Surgery as a professor and chair in 2003. Dr. Jacobs’ research focuses on the effects of critical illness and malnutrition on cellular bioenergetics, organ function, and metabolism. His clinical interest is treating patients with nutritional or metabolic diseases who are amenable to surgical treatment, including patients with intestinal fistulas and morbid obesity. Before coming to Duke, he was on the faculty of Creighton University School of Medicine, where he served as the Arnold W. Lempka Distinguished Professor of Surgery and chair of the surgery department. Prior to that, he was a member of the Harvard Medical School faculty for 14 years, rising to assistant, then associate professor of surgery. Dr. Jacobs also served as associate program director of the Brigham and Women’s Hospital’s (BWH) Clinical Research Center, chief of BWH’s Metabolic Service, and director of the Laboratory for Surgical Metabolism and Nutrition. He is a member of numerous honorific and academic societies, including the Institute of Medicine of the National Academy of Sciences; European Academy of Sciences; American College of Surgeons; Society of University Surgeons; American Surgical Association; Society for Surgery of the Alimentary Tract; American Physiological Society; Society of Surgical Chairs; Halsted Society; International Society of Surgery; Central Surgical Association; Western Surgical Association; Alpha Omega Alpha Honor Medical Society; and Society of Critical Care Medicine. Dr. Jacobs currently serves as president of the Society of Black Academic Surgeons, as well as on the editorial boards of The New England Journal of Medicine, Surgery, and World Journal of Surgery. Dr. Jacobs earned an undergraduate degree from Harvard and in 1979, a medical degree from Washington University School of Medicine in St. Louis. After completing a residency and fellowship in surgery at the University of Pennsylvania School of Medicine, Dr. Jacobs returned in 1986 as a research fellow in surgery to Harvard, where he earned a master’s degree in public health.

Given by friends of David C. Sabiston Jr.

David C. Sabiston Jr., M.D., was a James B. Duke Professor of Surgery and chair of the Department of Surgery from 1964 to 1987. A native of Onslow County, North Carolina, he graduated Phi Beta Kappa from the University of North Carolina at Chapel Hill and Alpha Omega Alpha from Johns Hopkins University School of Medicine, where he also completed surgical training. After serving in the U.S. Army at Walter Reed Army Research Center, Dr. Sabiston returned to Johns Hopkins as a Howard Hughes Medical Institute Investigator and attained the rank of professor before being recruited to Duke in 1964. He brought international prominence to Duke’s surgery department and became legendary as a tough but beloved mentor for surgery residents and fellows. When he retired in 1987, a group of former Duke surgical residents, surgery faculty members, and friends established this professorship in his honor. Dr. Sabiston died in 2009.
Ru-Rong Ji, Ph.D., is a professor of anesthesiology. He also serves as chief of pain research in the Department of Anesthesiology. He previously was an associate professor at Brigham and Women’s Hospital, Harvard Medical School, before joining the Duke faculty in 2012. His research focuses on molecular and cellular mechanisms of chronic pain, such as inflammatory pain, neuropathic pain, and cancer pain. He is internationally recognized for his contributions to demonstrating critical roles of MAP kinase signaling pathways and glial cells in the pathogenesis of chronic pain. His recent work has demonstrated powerful anti-nociceptive actions of pro-resolution lipid mediators (e.g., resolvins). Dr. Ji lectures internationally and reviews papers for numerous international journals. He also serves on National Institutes of Health review panels and the editorial boards of Pain, Neuroscience, and Neuroscience Bulletin. Dr. Ji earned a Ph.D. in neurobiology at Shanghai Institute of Physiology and completed postdoctoral training at Peking (Beijing) University Medical School, Karolinska Institute, and Johns Hopkins University School of Medicine. He later joined Massachusetts General Hospital as an instructor.
G. Allan Johnson, Ph.D., is the inaugural Charles E. Putman University Professor of Radiology. Dr. Johnson also holds appointments in the departments of physics and biomedical engineering, and since 1979, has served as the Department of Radiology’s director of diagnostic physics. In 1982, he established the NIH-sponsored Duke Center for In Vivo Microscopy, of which he is the director. This national resource is dedicated to developing novel strategies for small-animal imaging and applying those strategies to important biomedical questions. In 1974, Dr. Johnson joined the Department of Radiology, where he was instrumental in the installation of Duke’s first CT scanner. In 1983, he directed the installation of the world’s first clinical high-field MRI system at Duke. He is a Fellow of the International Society of Magnetic Resonance in Medicine. Dr. Johnson graduated magna cum laude from St. Olaf College in 1969 with majors in physics and mathematics and earned a doctoral degree in physics at Duke in 1974, working under Walter Gordy, Ph.D.

Given by Duke University

Charles E. Putman, M.D., came to Duke in 1977 as chair of the Department of Radiology and was named a James B. Duke Professor of Radiology and professor of medicine in 1983. From 1985 to 1999, he served as vice chancellor for health affairs, vice provost, dean of the School of Medicine, vice provost for research and development, and vice president for research administration and policy. Dr. Putman was appointed executive vice president for administration in 1990 and in 1995 was named senior vice president for research administration and policy, a position he held until his death in 1999. That year, Duke University established this endowment in his honor.
Robert H. Jones, M.D., is the Mary and Deryl Hart Professor of Surgery. Dr. Jones has operated on more than 5,000 patients with cardiovascular disease and has spent decades teaching Duke medical students about topics such as medical ethics and quality health care delivery. His research interests continue to focus on the identification and care of patients at high risk for heart attack, heart failure, and cardiac death. As a medical student, he performed the first quantitative dynamic radionuclide cardiovascular study, and, as a Howard Hughes Medical Institute Investigator, was among the first to develop techniques for radionuclide quantitation of left ventricular function. His clinical studies confirmed the value of measuring heart function during physiological stress for identifying patients most likely to benefit from coronary bypass surgery. In 2011, Dr. Jones was the principal investigator of the STICH trial, a National Heart, Lung, and Blood Institute-funded study of 2,136 patients in 26 countries who were randomized between medical or surgical treatments for ischemic heart failure. This study has helped to identify the patients most likely to benefit from coronary artery bypass grafting. Dr. Jones has been elected to many leadership positions—including chair of the American College of Cardiology’s Board of Governors—and has led groups that set national guidelines for medical care. He also has served as a visiting professor at major medical universities worldwide and as an advisory committee member for cardiac care in the state of New York. Dr. Jones earned a medical degree at Johns Hopkins University in 1964 and completed a surgical residency at Duke.

Deryl Hart, M.D., was the third member of the Duke University School of Medicine faculty and chair of the Department of Surgery from 1930 to 1960. He practiced general, thoracic, plastic, and neurological surgery, and won fame for the use of ultraviolet lights to control operating-room infections. Dr. Hart served as president of Duke University from 1960 to 1963. He retired from the faculty in 1964 and died in 1980. Gifts from Dr. and Mrs. Hart, their friends, colleagues, students, and patients established this endowment, and a 1980 gift from The Duke Endowment funded it to the level of a professorship.
William W. Shingleton, M.D., Professor of Pharmacology and Cancer Biology

Michael B. Kastan, M.D., Ph.D., is the William W. Shingleton, M.D., Professor of Pharmacology and Cancer Biology and executive director of the Duke Cancer Institute. He is a pediatric oncologist and a cancer biologist; his laboratory research concentrates on DNA damage and repair, tumor suppressor genes, and causes of cancer related to genetic predisposition and environmental exposures. His discoveries have made a major impact on the understanding of how cancers develop and how they respond to chemotherapy and radiation therapy. His publications reporting the roles of the p53 and ataxia-telangiectasia, mutated (ATM) genes in DNA damage signaling are among the most highly cited publications in the biomedical literature of the past two decades. He has received numerous honors for his work, including election to the Institute of Medicine of the National Academy of Sciences and receiving the 47th annual G. H. A. Clowes Memorial Award from the American Association for Cancer Research (AACR) for outstanding contributions to basic cancer research. He has served as chairman of the Board of Scientific Counselors of the National Cancer Institute and on the Board of Directors of the AACR. He is currently editor-in-chief of the journal *Molecular Cancer Research* and editor of the textbook *Clinical Oncology*. Before coming to Duke in 2011, he also had served as a professor of oncology, pediatrics, and molecular biology at Johns Hopkins University and as chair of the hematology-oncology department and director of the Comprehensive Cancer Center at St. Jude Children’s Research Hospital. Dr. Kastan earned M.D. and Ph.D. degrees from Washington University School of Medicine in St. Louis and completed clinical training in pediatrics and pediatric hematology-oncology at Johns Hopkins.

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Given by Duke University

William W. Shingleton, M.D., was a distinguished surgeon and founding director of the Duke Comprehensive Cancer Center. One of the signers of the 1971 National Cancer Act to appropriate federal funds to build 15 cancer centers for research, education, and care nationwide, Dr. Shingleton was instrumental in developing and expanding Duke’s program into a nationally recognized cancer center. In 1987, he stepped down from the directorship and Duke University established this professorship to honor his service. He continued to work on behalf of cancer patients as a clinician, researcher, and administrator for many years. Dr. Shingleton died in 2005.
Nicholas Katsanis, Ph.D., is the Jean and George W. Brumley Jr., M.D., Professor of Developmental Biology and director of the Duke Center for Human Disease Modeling. A member of the Duke faculty since 2009, Dr. Katsanis is a world-recognized expert in ciliopathies such as Bardet-Biedl Syndrome (BBS), in which abnormal primary cilium cells lead to a host of problems, including obesity, renal failure, cognitive and psychiatric defects, and blindness. To explain why symptoms vary so much among patients, Dr. Katsanis’ lab is developing animal models to reveal how an individual’s genome can influence the clinical presentation of BBS and other genetic diseases. His research team has used zebrafish as a model to analyze the function of more than 200 mutations in BBS and other ciliopathies. This has led to the development of innovative approaches that couple genomics technologies with functional tests to investigate the mechanisms of dozens of other pediatric disorders. Dr. Katsanis’ lab also collaborates to study an archetypal model of disorders caused by dysfunction of the primary cilium on cells and is credited with early work showing that monogenic disorders are much more complicated than was known. Thanks to the team’s work, BBS is now a model for oligogenic disease, a category between classical monogenic and complex traits. Dr. Katsanis’ research has been published in numerous journals, including Nature, Cell, Nature Genetics, and Science; in 2010, he was honored with the American Society of Nephrology’s Young Investigator Award. He earned a Ph.D. at Imperial College London in 1997 and completed postdoctoral work at Baylor College of Medicine.

Jean and George W. Brumley Jr., M.D., Professor of Developmental Biology

Given by The Zeist Foundation

George W. Brumley Jr., M.D., founded Duke’s Division of Neonatology in 1972 and served as its co-director until 1981. He then chaired the Department of Pediatrics at Emory University for 14 years before retiring to devote more time to philanthropy. He and his wife, Jean Stanback Brumley, founded The Zeist Foundation in 1989 as a way to teach their five children the importance of philanthropy. In 1997, with Ronald Goldberg, M.D., chief of Duke’s Division of Neonatology, Dr. Brumley established the Jean and George Brumley Jr. Neonatal-Perinatal Research Institute (NPRI) at Duke to focus on medical issues affecting premature infants, sick newborns, and at-risk pregnant women. In 2003, Dr. and Mrs. Brumley, three of their children, and seven members of their extended family died in a tragic plane crash in Kenya. This endowment was established in 2006 to support a full or associate professorship in developmental biology for a faculty member in the Division of Neonatology affiliated with the NPRI. The Zeist Foundation today carries the Brumley family’s philanthropic legacy forward by supporting education, arts and culture, and health and human services.
Jack D. Keene, Ph.D., is a James B. Duke Professor of Molecular Genetics and Microbiology and the founder of the Duke Center for RNA Biology. Dr. Keene joined the Duke faculty in 1979 and served as chair of the Department of Microbiology from 1992 to 2002. He also served as director of basic science for the Duke Comprehensive Cancer Center. His research focuses on controlling RNA regulation with RNA-binding proteins and small noncoding RNAs in human cells and viruses. Dr. Keene derived the first genomic sequences of several RNA viruses, including rabies and Ebola, and discovered genetic mutations responsible for the formation of defective interfering RNA viruses. In 1983, he was the first to derive DNA clones of human autoimmune genes, resulting in a recombinant diagnostic test for lupus and related diseases. This work led him to discover the RRM family of RNA-binding proteins, the sixth largest protein family in the human genome. Dr. Keene unveiled a novel mechanism of gene expression that he termed “post-transcriptional RNA operons and regulons”—by which genetic information is coordinated through the RNP codes of messenger RNAs. Dr. Keene received a Faculty Research Award from the American Cancer Society, the Devil’s Bag Award from the Arthritis Foundation, a Pew Biomedical Scholars Award, and is a Fellow of both the American Society for Microbiology and the American Association for the Advancement of Science. Dr. Keene holds an undergraduate degree from the University of California, Riverside, and a Ph.D. in microbiology and immunology from the University of Washington in Seattle. He completed postdoctoral studies in molecular virology at the NIH.

James B. Duke Professor of Molecular Genetics and Microbiology

Given by The Duke Endowment

Created in 1953 by a special grant from The Duke Endowment, the James B. Duke professorships honor the late James Buchanan Duke, a North Carolina industrialist and philanthropist who was the principal benefactor of Duke University, Duke University Hospital, and the schools of medicine and nursing. The Duke professorships honor well-established members of the Duke academic community, regardless of field, who have achieved distinction as creative scholars.
James B. Duke Professor of Immunology

Garnett Kelsoe III, D.Sc., is the James B. Duke Professor of Immunology, a senior fellow in the Duke Center for the Study of Aging and Human Development, and a member of the Duke Human Vaccine Institute faculty. Dr. Kelsoe and his collaborators first demonstrated that germinal centers—complex but transient histologic structures in lymphoid tissues—functioned as microcosms of Darwinian competition and selection and were the origin of long-lasting antibody responses. Based at Duke, Dr. Kelsoe has also served as an external faculty member of the Santa Fe Institute, a private non-profit research institute in New Mexico. Prior to joining Duke’s faculty in 1998, Dr. Kelsoe was a professor in the University of Maryland School of Medicine’s Department of Microbiology and Immunology. He has been a recipient of the Nina W. Werblow Lectureship at Cornell University; the Wellcome Visiting Professorship in the Basic Medical Sciences at Iowa College of Medicine; and the Rockefeller Foundation Fellow at Harvard. He also received an NIH predoctoral fellowship at Harvard, where he completed an M.S. in tropical public health and a doctor of science degree in tropical public health and microbiology, with a specialty in immunology. Dr. Kelsoe then served as a research fellow for three years at the Institute for Genetics of the University of Cologne in Germany.

Given by The Duke Endowment

Created in 1953 by a special grant from The Duke Endowment, the James B. Duke professorships honor the late James Buchanan Duke, a North Carolina industrialist and philanthropist who was the principal benefactor of Duke University, Duke University Hospital, and the schools of medicine and nursing. The Duke professorships honor well-established members of the Duke academic community, regardless of field, who have achieved distinction as creative scholars.
Wilburt C. Davison Professor of Pediatrics

Thomas R. Kinney, M.D., is a Wilburt C. Davison Professor of Pediatrics and associate chair of the Department of Pediatrics. Dr. Kinney joined the Duke faculty in 1978 as an assistant professor of pediatrics, later serving as an associate dean in the School of Medicine and director of the pediatric residency program. A co-founder of Camp Kaleidoscope, a summer camp for Duke pediatric patients, he also was the lead physician on the design and construction team of the McGovern-Davison Children’s Health Center. Dr. Kinney has made major contributions to the diagnosis and care of children with sickle cell disease (SCD). He and Wendell F. Rosse, M.D., co-directed an NIH Comprehensive Sickle Cell Center for 15 years, and he served as both co-chair and chair of the NIH-funded Clinical Course of Sickle Cell Disease, a 20-year study to define SCD’s natural history. Dr. Kinney also was instrumental in establishing SCD screening for newborns in North Carolina and co-chaired a federal panel detailing the guidelines for hemoglobinopathy screening programs. He led the first NIH clinical research group that evaluated the toxicity and safety of hydroxyurea treatment in children with SCD. Over the past several years, Dr. Kinney has continued to make important contributions to the Department of Pediatrics. He established the department’s Site Based Research Unit, which is responsible for oversight of all research that requires an informed consent and involves children. This oversight includes study design, recruitment, and compliance with research and financial regulations. Currently the Site Based Research Unit manages more than 600 projects. Dr. Kinney also has chaired the Performance & Quality Improvement Initiative for Duke Children’s. Ongoing initiatives include improvement in communications with referring providers, improvements in patient safety, and reduction in readmission rates. Dr Kinney also is actively involved in the planning for a proposed children’s bed tower adjacent to Duke University Hospital and is the lead physician on the development of the tower’s business plan. Dr. Kinney earned undergraduate and medical degrees from Duke University. After completing an internal medicine internship at Duke, he completed residency training in pediatrics and a fellowship in pediatric hematology-oncology at the Children’s Hospital of Philadelphia.

Given by the Doris Duke Foundation and The Duke Endowment

Wilbur Cornell Davison, M.D., was recruited from Johns Hopkins University School of Medicine by Duke University president William Preston Few in 1927. As dean of the School of Medicine and chair of the Department of Pediatrics, Dr. Davison oversaw the construction of Duke University Hospital, School of Medicine, and School of Nursing and hired the original faculty. During his tenure as dean from 1927 to 1954, he led the hospital and medical school to regional and national prominence and was a leader in public health and medical education at the community, state, and national levels. He also published nine editions of a textbook, The Compleat Pediatrician. This is one of two professorships in pediatrics established in 1972 by the Doris Duke Foundation and The Duke Endowment in honor of Dean Davison’s 80th birthday.
Priya S. Kishnani, M.D., is the C.L. and Su Chen Professor of Pediatric Genetics and Genomics and chief of the Division of Medical Genetics. Throughout her career, Dr. Kishnani’s primary focus has been the translation of laboratory science into the clinical arena, especially in interventions such as enzyme-replacement and small-molecule therapy. The care, treatment, and natural history of individuals with lysosomal storage disorders, glycogen storage diseases, Down syndrome, and other inborn errors of metabolism are her passions. Dr. Kishnani’s areas of publication include treatment strategies, examination of long-term complications, and the results of a number of clinical trials for multiple disorders. She has a longstanding research and clinical interest in Pompe disease and since 1999, has been the principal investigator for several clinical trials, one of which resulted in the 2006 FDA approval of Myozyme® as the first treatment for this otherwise lethal neuromuscular disease. In collaboration with several colleagues and the American College of Medical Genetics, she has completed a manuscript of guidelines entitled Management of Pompe Disease. Dr. Kishnani is also internationally recognized for her pioneering work on the treatment of cognitive dysfunction in individuals with Down syndrome. She has received many honors for her achievements, including the Christian Pueschel Memorial Research Award from the National Down Syndrome Congress and Duke’s Ruth and A. Morris Williams Jr. Faculty Research Prize. She currently serves as chair of both the Association for Glycogen Storage Diseases and the North America Pompe Disease Global Registry. After receiving a medical degree from Bombay University in India, Dr. Kishnani came to Duke as a resident in 1991 and worked with noted geneticist Y.T. Chen, M.D., Ph.D., to design the first clinical trials of therapy with recombinant acid alpha glucosidase for infantile-onset Pompe disease.

Given by Yuan Tsong “Y.T.” Chen and Alice Chen

In 1999, Y. T. Chen, M.D., Ph.D., led a Duke research team in conducting human trials of a new drug, Myozyme, to treat Pompe disease, a once-fatal glycogen storage disease, in three infants. Successful outcomes led to the 2006 FDA approval of the drug, which is now used worldwide. Dr. Chen and his wife, Alice, established this endowment in 2009, and in 2011, changed the name to honor his parents for their 70th wedding anniversary. The Chen family has generously supported Duke’s Department of Pediatrics by also establishing an associate professorship and a fellowship in pediatric genetics and genomics, as well as an endowment providing operational funds for the Y.T. and Alice Chen Pediatric Genetics and Genomics Research Center.
Gordon K. Klintworth, M.D., Ph.D., is the Joseph A.C. Wadsworth Research Professor of Ophthalmology, a professor of pathology, and an internationally renowned expert on ophthalmic pathology and inherited diseases of the cornea. A member of the Duke faculty since 1964, Dr. Klintworth served as Duke Eye Center’s director of research from 1979 to 1999. He was a member of the Scientific Advisory Panel of Research to Prevent Blindness for ten years and has served on many other national and international committees. He has lectured around the world and received numerous awards, including the Zimmerman Medal and the Ashton Medal—named in honor of the first two pathologists to specialize in ophthalmic pathology. In 2010, he was the recipient of a Distinguished Faculty Award from the Duke Medical Alumni Association. Dr. Klintworth earned a medical degree at the University of the Witwatersrand in Johannesburg, South Africa, completed internships in medicine and surgery and residency training in psychiatry and neurology/neurosurgery at the Johannesburg Hospital. He earned a Ph.D. in anatomy under the supervision of Phillip V. Tobias, M.B.B.Ch., Ph.D, one of South Africa’s most acclaimed scientists. Dr. Klintworth completed a fellowship in neuropathology at Duke University School of Medicine and is board-certified in anatomic pathology and neuropathology.

Given by patients, alumni, faculty, and staff of Duke’s Department of Ophthalmology

Joseph Wadsworth, M.D., was a 1939 graduate of Duke University School of Medicine. After an internship at New York’s Bellevue Hospital, he was a U.S. Army Air Corps flight surgeon during World War II. He completed a residency at Columbia Presbyterian Hospital from 1945 to 1948 and served on the Columbia faculty until 1965. At that time, Duke was planning to establish a Department of Ophthalmology, separate from the Department of Surgery, and Dr. Wadsworth was recruited as its first chair. He is credited with spearheading the development of the Duke Eye Center into a leading research and treatment center. When he retired in 1983, Duke named the Eye Center clinical facility in his honor. This endowment was established in 1975 by a grant from the Brown Foundation. The largest individual contributors were James Hornaday, a 1920 graduate of Trinity College and the founder of Guilford Mills of Greensboro, North Carolina, and his wife, Virginia. Dr. Wadsworth himself, along with many other patients, alumni, faculty, and staff of the Department of Ophthalmology also contributed.
R.J. Reynolds Professor of Medicine

Mary E. Klotman, M.D., is the R.J. Reynolds Professor of Medicine and chair of the Department of Medicine. The only female department of medicine chair at a top-five U.S. medical school, Dr. Klotman began her career at Duke in 1985 and, after spending 13 years as chief of Mount Sinai Medical Center’s Division of Infectious Diseases, returned Duke in 2010. Dr. Klotman’s research focuses on the molecular pathogenesis of human immunodeficiency virus 1 (HIV-1) infection. One of her research team’s many notable achievements was demonstrating that HIV resides and evolves separately in kidney cells, a critical step in understanding HIV-associated kidney disease. The team also determined the role of soluble host factors involved in an innate immune response to HIV, a development that can lead to improvements in prevention strategies. The team is also studying the development of topical microbicides that could be used to block sexual transmission of HIV infection.

Dr. Klotman was elected to the Association of American Physicians in 2005 and has won numerous awards, including the Mount Sinai School of Medicine Faculty Achievement Award for Outstanding Clinical Research. She earned an undergraduate degree in zoology and a medical degree from Duke before completing a residency and fellowship in infectious diseases here. She also served as an assistant professor of medicine at Duke before moving to the NIH, where she worked in the Laboratory of Tumor Cell Biology under Robert C. Gallo, M.D.

Given by the R.J. Reynolds Foundation

The R. J. Reynolds Tobacco Company was founded in 1875 in the town of Winston, North Carolina, now a part of the city of Winston-Salem. Throughout its history, R.J. Reynolds has used its resources to benefit people and programs across North Carolina. This endowment was established in 1965 and was the first of five endowments established at Duke, including professorships in arts and sciences, chemistry, business administration, and international business.
Bridget F. Koontz, M.D., is the Butler-Harris Assistant Professor of Radiation Oncology and medical director of radiation oncology at Durham Regional Hospital. She joined the Duke faculty in 2007. Dr. Koontz has published and presented studies analyzing long-term toxicity of radiotherapy for Hodgkin’s disease, palliative care for Ewing’s sarcoma, and use of concurrent bevacizumab with radiation for head and neck angiosarcoma. Her research focus lies in improving treatment for prostate cancer and minimizing treatment-related side effects of radiotherapy. She has developed an animal model for radiotherapy-induced erectile dysfunction, unique in the United States. Using this model, she studies the mechanisms of radiation-induced erectile dysfunction and hopes to develop strategies to prevent this side effect of radiotherapy. Collaborating with colleagues in the divisions of cardiology and urology, she is pursuing further understanding of how erectile dysfunction develops after prostate radiotherapy. She also is actively working on new treatment strategies. Dr. Koontz has published a study of a large series of patients treated with combined prostate external beam and brachytherapy at Duke. This study showed excellent cancer control for high-risk patients and has increased interest in the use of this combined technique. She also was the principal investigator of a clinical trial of pre-operative radiotherapy for locally advanced prostate cancer, proving the concept that pre-operative radiotherapy is safe. She also is collaborating with colleagues in the Department of Psychiatry and Behavioral Sciences to investigate how to improve patient-provider interactions regarding the sexuality and intimacy consequences of cancer therapy. Dr. Koontz earned a chemistry degree summa cum laude from Allegheny College and an M.D. from Harvard Medical School. She completed residency training at Duke, where she was chief resident, and a prostate brachytherapy fellowship through the American Brachytherapy Society.

Given by Duke University

This endowment was established in 1997 by the Department of Radiation Oncology under the direction of then-chairman Edward C. Halperin, M.D. Its intent was to encourage and support women and under-represented minorities in radiation oncology. It honors two individuals, Alisa Butler, a Duke radiation therapist who died in an automobile accident, and Lucille Harris, a Duke licensed practical nurse who died while participating in a cardiac catheterization study.
Sally Kornbluth, Ph.D. is a James B. Duke Professor of Pharmacology and Cancer Biology and vice dean for basic science in the Duke University School of Medicine. She joined the Duke faculty in 1994. Dr. Kornbluth’s research interests include the study of cell proliferation and programmed cell death, areas of central importance for understanding both carcinogenesis and degenerative disorders. She has published extensively in these areas, studying these problems in a variety of model organisms. Dr. Kornbluth earned a B.A. in political science from Williams College and a B.S. in genetics from Cambridge University, England, where she was a Herchel Smith Scholar at Emmanuel College. She earned a Ph.D. in molecular oncology from the Rockefeller University and completed postdoctoral training at the University of California, San Diego.

James B. Duke Professor of Pharmacology and Cancer Biology

Sally Kornbluth, Ph.D.

Given by The Duke Endowment

Created in 1953 by a special grant from The Duke Endowment, the James B. Duke professorships honor the late James Buchanan Duke, a North Carolina industrialist and philanthropist who was the principal benefactor of Duke University, Duke University Hospital, and the schools of medicine and nursing. The Duke professorships honor well-established members of the Duke academic community, regardless of field, who have achieved distinction as creative scholars.
Joanne Kurtzberg, M.D., is the Jerome Harris Distinguished Professor of Pediatrics, professor of pathology, and director of the Pediatric Blood and Marrow Transplant Program. She also is director of the Carolinas Cord Blood Bank at Duke, co-director of the Stem Cell Laboratory, and chief scientific officer of the Robertson Clinical and Translational Cell Therapy Program. Dr. Kurtzberg is an internationally renowned expert in pediatric hematology/oncology, pediatric blood and marrow transplantation, and umbilical cord blood banking. She has earned renown in the field of basic research due to her role in the development of several anti-leukemia drugs and for her pioneering work in umbilical cord blood banking and transplantation. Her other work includes the study of actions of recombinant hematopoietic growth factors, the use of umbilical cord blood in human blood stem cell transplantation, the \textit{ex vivo} expansion of stem cells derived from umbilical cord blood, and the use of cord blood to correct genetic and acquired brain injuries. Dr. Kurtzberg has published almost 400 manuscripts in peer-reviewed journals and 30 chapters for textbooks. Since 1988, Dr. Kurtzberg has mentored 29 postdoctoral fellows in her research laboratory and has served as preceptor to 69 medical students in laboratory and clinical environments. She holds positions on a number of scientific advisory boards, including the U.S. Department of Health and Human Services Advisory Council on Blood Stem Cell Transplantation. She is a member of several national and international committees and currently co-chairs the National Marrow Donor Program Cord Blood Committee and is a member of the Foundation for the Accreditation of Cellular Therapy Board of Directors. Her current research focuses on the uses of cord blood treatment for children with malignant and genetic diseases. Dr. Kurtzberg earned a medical degree from New York Medical College and completed an internship at Dartmouth Medical Center and a residency at State University of New York Upstate Medical Center. She then completed a pediatric hematology-oncology fellowship at Duke before joining the faculty in 1983.

\textbf{Eponymous}

Jerome S. Harris, M.D., originally came to Duke as a biochemist in 1936. In 1937, he became an instructor in pediatrics under J. Buren Sidbury, one of two pediatricians in the state when Duke opened. Later, Dr. Harris was named the first J. Buren Sidbury Professor and served as chairman of the Department of Pediatrics from 1954 to 1968. At a time when subspecialties were developing, he trained himself in pediatric cardiology and introduced subspecialties to the Department of Pediatrics.
Mary Bernheim Professorship in Immunology

Michael S. Krangel, Ph.D., is the Mary Bernheim Professor and serves as chair of the Department of Immunology. He also oversees the department-based DNA sequencing and flow cytometry core facilities, working closely with facility directors to maintain high quality and service. At Duke since 1990, Dr. Krangel is an internationally recognized leader in the molecular biology of T lymphocytes, the cells that mediate the cellular immune response. He was the first to identify the gamma-delta T cell receptor and throughout his career has made fundamental discoveries about how immune receptors are generated and regulated. His current work focuses on T lymphocyte development in the thymus, with an emphasis on the genetic and epigenetic mechanisms that regulate V(D)J recombination and the assembly of T cell receptor genes. Dr. Krangel also works to ensure that immunology graduate students receive the best possible training. In 2006, he was honored with an NIH MERIT Award. Dr. Krangel holds an undergraduate degree from the State University of New York at Stony Brook and earned a Ph.D. in biochemistry and molecular biology at Harvard University. He began his studies on T cell receptors and the organization and regulation of T cell receptor genes after joining the Harvard faculty.

Eponymous

Mary Hare Bernheim, Ph.D., earned undergraduate, master, and doctoral degrees from the University of Cambridge and joined the original faculty of Duke University School of Medicine in 1930. The lone woman in the Department of Biochemistry, Dr. Bernheim was named a full professor in 1962. At the time of her death in 1997, she was the last surviving member of the original medical school faculty. While a graduate student, Dr. Bernheim discovered the enzyme tyramine oxidase, later renamed monoamine oxidase, which was found to play a significant role in mood regulation. She was also an enthusiastic aviator and authored A Sky of My Own, which was nominated in 1959 by the North Carolina Board of Award for literary competitions.
Chay T. Kuo, M.D., Ph.D., is the George W. Brumley Jr., M.D., Assistant Professor of Cell Biology, an assistant professor of pediatrics and neurobiology, and an investigator with the Duke Institute for Brain Sciences. Dr. Kuo’s work with stem cells in the brain has shown great therapeutic potential in regenerative medicine. His research focuses on the regulation of postnatal neurogenesis and how neural stem cells and “newborn” neurons modify brain homeostasis in health and disease. Specifically, Dr. Kuo researches the control of subventricular zone (SVZ) homeostasis and neuronal production and the contribution of stem cells, their progeny, and new neurons to brain remodeling. Since coming to Duke in 2007, his lab has created mice with neural stem cells that “light up,” making it possible to trace where these cells travel in the mouse brain to learn more about how they differentiate to become neurons. Currently, the work conducted in Dr. Kuo’s laboratory centers on molecular pathways that regulate the generation and integration of newborn neurons. A better understanding of these processes may lead to future therapies for patients suffering from pre- and post-natal brain injuries. His work has been recognized with honors such as the NIH Director’s New Innovator Award; the Sontag Foundation Distinguished Scientist Award; the David & Lucile Packard Fellowship; and the Alfred P. Sloan Fellowship. He is a member of several professional organizations, including the International Society for Stem Cell Research, the Society for Neuroscience, and the Faculty of 1000. Dr. Kuo earned a bachelor’s degree in architecture from the Massachusetts Institute of Technology. He earned both an M.D. and a Ph.D. in genetics from the University of Chicago. He also completed a Howard Hughes Medical Institute Postdoctoral Fellowship at the University of California, San Francisco.

Given by The Zeist Foundation

George W. Brumley Jr., M.D., founded Duke’s Division of Neonatology in 1972 and served as its co-director until 1981. He then chaired the Department of Pediatrics at Emory University for 14 years before retiring to devote more time to philanthropy. He and his wife, Jean Stanback Brumley, founded The Zeist foundation in 1989 as a way to teach their five children the importance of philanthropy. In 1997, with Ronald Goldberg, M.D., chief of Duke’s Division of Neonatology, Dr. Brumley established the Jean and George Brumley Jr. Neonatal-Perinatal Research Institute (NPRI) at Duke to focus on medical issues affecting premature infants, sick newborns, and at-risk pregnant women. In 2003, Dr. and Mrs. Brumley, three of their children, and seven members of their extended family died in a tragic plane crash in Kenya. This endowment was established in 2006 to support a full, associate, or assistant professorship in developmental biology for a faculty member in the Division of Neonatology affiliated with the NPRI. The Zeist Foundation today carries the Brumley family’s philanthropic legacy forward by supporting education, arts and culture, and health and human services.
James B. Duke Professor of Medicine

Robert J. Lefkowitz, M.D., is a James B. Duke Professor of Medicine and professor of biochemistry and immunology. He came to Duke from Harvard Medical School in 1973 as an associate professor. Since 1976, he has also been a Howard Hughes Medical Institute Investigator. In 2008, President George W. Bush presented Dr. Lefkowitz with the National Medal of Science, the nation’s highest honor for science and engineering. Other awards he has earned include the 2007 Shaw Prize in Life Science and Medicine; the 2007 Albany Medical Center Prize in Medicine and Biomedical Research; the 2006 Eugene Braunwald Academic Mentorship Award of the American Heart Association; the 2004 Distinguished Faculty Award from the Duke Medical Alumni Association; and the 2003 Fondation Lefoulon-Delalande Grand Prix for Science from the Institut de France. A member of the National Academy of Sciences, the Institute of Medicine, and the American Academy of Arts and Sciences, Dr. Lefkowitz is a past president of both the American Society for Clinical Investigation and the Association of American Physicians, which in 2011 awarded him its highest honor, the Kober Medal. He also served as councilor for the National Academy of Sciences. Early in his career, Dr. Lefkowitz served for two years as a clinical and research associate at the National Institute of Arthritis and Metabolic Diseases. He completed a medical residency, research, and clinical training in cardiovascular disease at Massachusetts General Hospital while serving as a teaching fellow and conducting research at Harvard University. Dr. Lefkowitz graduated Phi Beta Kappa and cum laude from Columbia University in 1962 and Alpha Omega Alpha from Columbia University College of Physicians and Surgeons in 1966. He also holds several honorary degrees.

Given by The Duke Endowment

Created in 1953 by a special grant from The Duke Endowment, the James B. Duke professorships honor the late James Buchanan Duke, a North Carolina industrialist and philanthropist who was the principal benefactor of Duke University, Duke University Hospital, and the schools of medicine and nursing. The Duke professorships honor well-established members of the Duke academic community, regardless of field, who have achieved distinction as creative scholars.
James B. Duke Professor of Pharmacology and Cancer Biology

Daniel J. Lew, Ph.D., is a James B. Duke Professor of Pharmacology and Cancer Biology and professor of genetics. He was recruited to Duke in 1994 as an assistant professor of molecular cancer biology with a secondary appointment in genetics. In 1997, he became an inaugural member of the newly merged Department of Pharmacology and Cancer Biology. Dr. Lew is one of the leading cell biologists working with budding yeast as a model system. His research interests focus on controlling the cell division cycle and cell polarity. His discovery of a new checkpoint in the carefully orchestrated process of cell division in budding yeast shows that cell shape can influence cell-cycle progression. Dr. Lew’s recent studies combine imaging and computational modeling to understand how cells develop a front-to-back axis. Teaching is part of every activity in which Lew engages in his research laboratory, where he advises, mentors, and develops the next generation of scientists.

His honors and awards include being elected a Fellow of the American Association for the Advancement of Science in 2010 and a Fellow of the American Academy of Microbiology in 2008. Duke University named him University Scholar/Teacher of the Year in 2009. Dr. Lew earned a bachelor’s degree in genetics from England’s Cambridge University and a Ph.D. in molecular biology at Rockefeller University.

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Beverly C. Morgan, M.D.,
Professor in
Pediatric Cardiology

Jennifer S. Li, M.D., M.H.S., is the Beverly C. Morgan, M.D., Professor of Pediatrics, professor of medicine, and chief of the Division of Pediatric Cardiology. She also is director of pediatric clinical research at the Duke Clinical Research Institute (DCRI). Her research interests are focused on establishing safe and effective drug therapies for children. She has led several clinical trials and outcomes studies sponsored by the NIH and industry evaluating drugs to treat hypertension, heart failure, and thrombosis in children with acquired and congenital heart disease. She has regulatory experience and a track record of translating research findings into medical practice and public policy, as evidenced by her role as a special government employee, who provides expertise in the analysis of safety in the pediatric population to the Food and Drug Administration’s Office of Pediatric Therapeutics. She served on an Institute of Medicine committee to evaluate safe and effective medicines for children. She is a member of the Society of Pediatric Research, the American Pediatric Society, and the sub-board of pediatric cardiology for the American Board of Pediatrics. Dr. Li received a bachelor’s degree from Stanford University and a medical degree and master in health sciences degree from Duke. She was a pediatric resident at Children’s Hospital of Philadelphia and a pediatric cardiology fellow at Duke.

Given by Beverly C. Morgan, M.D.

This professorship was established in 1992 by Beverly C. Morgan, M.D., of Newport Beach, California. Dr. Morgan earned a medical degree from Duke in 1955 and began postgraduate medical training as an intern and assistant resident in pediatrics at Stanford University Hospital in San Francisco. From 1956 to 1959, she completed a clinical fellowship in pediatrics and was a trainee in pediatric cardiology at Babies Hospital and Columbia Presbyterian Medical Center in New York City. After a one-year research fellowship at Columbia Presbyterian Medical Center, Dr. Morgan served as an instructor at Columbia’s Pediatric College of Physicians and Surgeons in 1960 and from 1960 to 1962 directed the Heart Station at Robert B. Green Memorial Hospital in San Antonio. She also was a lecturer in pediatrics at the University of Texas. In 1962, Dr. Morgan accepted a special research fellowship in pediatric cardiology at the University of Washington School of Medicine. She subsequently served as an instructor, assistant professor, associate professor, and professor of pediatrics before being named chair in 1973. Dr. Morgan left Seattle in 1980 to become professor and chair at the University of California, Irvine, a position she held until 1988. She is now a professor, emerita, in the Division of Pediatric Cardiology. She continues to be widely recognized as a pioneer in the field of pediatric cardiology, having received a Research Career Development Award from the National Institutes of Health for five years and a Distinguished Alumnus Award from the Duke Medical Alumni Association in 1974.
Lawrence C. Katz Professor of Psychiatry

Sarah Hollingsworth Lisanby, M.D., is the Lawrence C. Katz Professor of Psychiatry and chair of the Department of Psychiatry and Behavioral Sciences. She also is a professor of psychology and neuroscience in Duke’s Trinity College of Arts and Sciences. Before coming to Duke, she was the founding director of the Brain Stimulation and Therapeutic Modulation Division at Columbia University. An expert in translational research in the field of brain stimulation, Dr. Lisanby played a leading role in pioneering a novel depression treatment called magnetic seizure therapy (MST), which is now at the multicenter, international trials stage. Supported by a series of NIH, foundation, and industry grants, she directs the Duke Brain Stimulation and Neurophysiology Center, which encompasses interdisciplinary research labs, clinical brain stimulation programs, and educational programs for trainees at all levels. Dr. Lisanby has served as a member of the FDA Neurological Devices Advisory Panel and several NIH study sections and as co-principal investigator of an eight-center, NIH-funded U01 grant, “Prolonging Remission in Depressed Elders (RPIDE).” She is former president of leading international professional organizations on brain stimulation, including the Association for Convulsive Therapy, International Society of Neurostimulation, and the International Society for Transcranial Stimulation. She has chaired two American Psychiatric Association (APA) committees related to brain stimulation: one on electroconvulsive therapy (ECT) and another to revise ECT guidelines. She also co-chairs the National Network of Depression Centers (NNDC) Task Group on transcranial magnetic stimulation (TMS). Dr. Lisanby has received many prestigious awards, including the Distinguished Investigator Award from the National Alliance for Research on Schizophrenia and Depression (NARSAD), the Max Hamilton Memorial Prize of the Collegium Internationale Neuro-Psychopharmacologicum (CINP), the Gerald Klerman Award from the National Depression and Manic Depression Association (NDMDA), and the NARSAD Klerman Award. She is the co-author of more than 150 publications in scientific journals, including The New England Journal of Medicine. Dr. Lisanby earned both a bachelor’s degree in mathematics and psychology magna cum laude and an M.D. from Duke. She completed a residency in psychiatry at Duke University Medical Center, where she served as executive chief resident. Dr. Lisanby joined Columbia in 1995 to pursue a postdoctoral research fellowship in affective disorders and geriatric psychiatry.

Eponymous

Lawrence C. Katz, Ph.D., was a pioneer in the study of how the brain’s circuitry processes sensory input. He died in 2005 at the age of 48, just one year after being diagnosed with malignant melanoma. Dr. Katz was a Howard Hughes Medical Institute investigator and a James B. Duke Professor of Neurobiology. He received a Ph.D. in neurobiology from the California Institute of Technology and completed postdoctoral work at Rockefeller University, where he was an assistant professor before moving to Duke. Duke University established this eponymous professorship to honor Dr. Katz’s memory.
George Barth Geller Professor for Research in Neurobiology

Stephen G. Lisberger, Ph.D., is the George Barth Geller Professor for Research in Neurobiology. He also is professor and chair of the Department of Neurobiology and an investigator of the Howard Hughes Medical Institute. He joined the Duke faculty in 2012. Dr. Lisberger’s research interests involve questions of how groups of neurons work together to generate and learn motor behavior. One of his major research accomplishments has been the discovery of the loci in the brain where neurons undergo plastic modification to cause learning of motor behavior in adults. He also has made great strides in understanding how we use what we see to guide our motor activity. Dr. Lisberger’s honors include election to the American Academy of Arts and Sciences, the Bernice Grafstein Prize for mentoring women in neuroscience, the Young Investigator Award from the Society for Neuroscience, several teaching awards, an NIH MERIT award, and numerous research fellowships. He earned a B.A. in mathematics from Cornell University in 1971 and a Ph.D. in physiology from the University of Washington in 1976.

Given by George Barth Geller

George Barth Geller, M.D., was a general surgeon who practiced in New York and Florida. He had no connection to Duke University and never visited Durham, North Carolina. He was introduced to Duke by Fenner Douglass, a Duke professor of music and university organist, and his brother, John Douglass, an attorney. Dr. Geller established a series of endowments at Duke University School of Medicine in the late 1980s. When he died in 1992, an additional bequest helped to establish this endowment and several others.
H. Kim Lyerly, M.D., is a George Barth Geller Professor for Research in Cancer and a professor of surgery. A pioneer in translational medicine, Dr. Lyerly participated in the first human trials of drugs to treat human immunodeficiency virus (HIV) infection and led trials of gene therapies for cancer. He is currently focused on developing new therapies for cancer. Dr. Lyerly was appointed a member of the National Cancer Advisory Board by former President George W. Bush. He also is a member of the scientific advisory committee on the Susan G. Komen for the Cure Foundation and the Burroughs Wellcome Fund, and he has served as executive committee chair of the integration panel of the Congressionally Directed Medical Research Programs in Breast Cancer. Dr. Lyerly is an internationally recognized expert in cancer therapy and immunotherapy and has published nearly 200 scientific articles and edited 10 textbooks on surgery, cancer immunotherapy, and novel cancer therapies. He serves on the editorial boards of 12 scientific journals and is a member of advisory boards for the MD Anderson Cancer Center and the Universities of Michigan, Chicago, and Wisconsin. He is founder and chair of the Accelerating Anticancer Agent Development and Validation Workshop, which is co-sponsored by the FDA, National Cancer Institute, American Society of Clinical Oncology, American Association of Cancer Research, and the Duke Cancer Institute. In 2010, Dr. Lyerly was reappointed a member of the N.C. Advisory Committee on Cancer Coordination and Control by Governor Beverly Perdue. He earned a medical degree from the University of California, Los Angeles, and completed a surgical residency and a research fellowship at Duke University School of Medicine.

Given by George Barth Geller

George Barth Geller, M.D., was a general surgeon who practiced in New York and Florida. He had no connection to Duke University and never visited Durham, North Carolina. He was introduced to Duke by Fenner Douglass, a Duke professor of music and university organist, and his brother, John Douglass, an attorney. This endowment is one of a series that Dr. Geller established in the late 1980s. When he died in 1992, another bequest helped to establish several additional endowments.
Jerry Reves, M.D., Professor of Cardiac Anesthesiology

Joseph P. Mathew, M.D., is the Jerry Reves, M.D., Professor of Cardiac Anesthesiology, chief of the Division of Cardiothoracic Anesthesiology, and a professor of anesthesiology. With Duke since 1998, he also serves as director of both the Neurological Outcomes Research Group and Clinical Anesthesia Research Endeavors within the Department of Anesthesiology. Dr. Mathew’s contributions to clinical perioperative medicine have long been recognized in the fields of cardiology, surgery, and anesthesiology. He is internationally respected in the area of transesophageal echocardiography (TEE)—a diagnostic tool that uses sound waves to monitor cardiac and blood-vessel function. This tool, used in connection with cardiac surgery by researchers at Duke, has played a critical role in perioperative stroke prevention, helping to reduce the rate of stroke by 50 percent. Dr. Mathew has published two editions of a textbook on TEE. He also is highly regarded for his groundbreaking research, which focuses on improving perioperative patient outcomes. Particularly, he has worked to understand and intervene to reduce perioperative organ injury, including perioperative arrhythmias and postoperative cognitive dysfunction. Dr. Mathew currently has broad funding from the NIH and, in the past, from the American Heart Association and other funding areas. He has served on national committees within the anesthesiology community and within the cardiovascular and surgical communities. He was named a Fellow of the American Society of Echocardiography in 2004. Dr. Mathew earned a bachelor’s degree in computer science from the University of Texas and an M.D. from University of Texas Southwestern Medical School. He completed a residency in anesthesiology and a fellowship in cardiovascular anesthesia at Yale-New Haven Hospital and Yale University School of Medicine, respectively.

Jerry G. Reves, M.D., is recognized as a pioneer in modern anesthesiology. In 1975, while associate professor of anesthesiology at the University of Alabama, he became the first physician to use the drug now known as Versed, the most common anesthetic used worldwide today, on a patient during surgery. Dr. Reves came to Duke in 1984 and, with then-chair of surgery David C. Sabiston Jr., M.D. and then-chair of medicine Joseph C. Greenfield, M.D., co-founded the Duke Heart Center in 1987. He served as Heart Center director for 10 years and designed the anesthesia protocol for Duke’s first heart transplant in 1985. Dr. Reves mentored trainees who went on to become department chairs at universities across the country. From 2001 until his 2010 retirement, he served as vice president for medical affairs and dean of the College of Medicine at the Medical University of South Carolina. Dr. Reves and his wife, Virginia, established this endowment in 2006 to fund a professor in cardiac anesthesiology, combining an endowment they previously established in 1997 with planned gifts from Margaret Cathcart and gifts from other donors.
Donald McDonnell, Ph.D., is the Glaxo-Wellcome Professor of Molecular Cancer Biology and chair of the Department of Pharmacology and Cancer Biology. Dr. McDonnell came to Duke in 1994 from Ligand Pharmaceuticals, Inc., where he was the director and head of molecular biology. His recent work focuses on the genetic and pharmacological dissection of the steroid hormone-receptor signal-transduction pathways—work that has led to the discovery and development of novel androgen-, estrogen-, and progesterone-receptor modulators that are being clinically evaluated as treatments for different cancers. Dr. McDonnell has received numerous investigator awards, including the Ernst Oppenheimer and Weitzman Awards from the Endocrine Society; the American Society for Pharmacology and Experimental Therapeutics’ (ASPET) John J. Abel Award; the Pharmacia-ASPET Award for Experimental Therapeutics; and the North American Menopause Society/Eli Lilly and Company Selective Estrogen Receptor Modulator Research Award. He is an honorary fellow in the Royal College of Physicians (Ireland). Currently, he serves on the editorial boards of *Trends in Endocrinology and Metabolism*, *Oncogene*, and *Molecular Endocrinology*. Dr. McDonnell holds an undergraduate degree from the National University of Ireland, Galway, and a Ph.D. in cell biology from Baylor College of Medicine.

**Given by Glaxo Wellcome, Inc. and Glaxo Wellcome Foundation**

Glaxo Wellcome, a research and development firm based in Research Triangle Park, North Carolina, merged with SmithKline Beecham in 2000 to form GlaxoSmithKline. This professorship was established in 1997 to support a professor in pharmacology and cancer biology at Duke. It honors the longstanding partnership between Glaxo Wellcome and Duke Medicine to bring new drugs from laboratory to clinic.
Kathleen A. McGann, M.D., is the Dr. Glenn A. Kiser and Muriel C. Kiser Professor of Pediatrics and vice chair of education in the Department of Pediatrics. She is a distinguished pediatric infectious diseases specialist who has made broad contributions to medical education both at Duke and nationally. In her role as vice chair for education, Dr. McGann provides oversight of all medical student, resident, and fellowship training programs in the Department of Pediatrics, along with faculty development related to education. She is a member of the pediatric residency curriculum committee and has played a major role in developing a variety of innovative educational initiatives, including creation of a Web-based tool that facilitates teaching and learning. Dr. McGann is a primary mentor for many residents and fellows and serves on several scholarship committees. She also is active at a national level, participating on the American Board of Pediatrics, the Council on Medical Student Education in Pediatrics, and the Association for Pediatric Program Directors. Dr. McGann was selected to participate as a scholar in the Harvard Macy Institute’s 2008 Program for Educators in the Health Professions, which offered broad exposure to educational theory, curriculum development, instructional strategies, evaluation techniques, and leadership skills. Her program project focused on mentoring within the Department of Pediatrics. Before coming to Duke in 2006, she served as co-director for medical student education in pediatrics at Washington University School of Medicine in St. Louis. Dr. McGann earned a bachelor’s degree from the University of Colorado and a medical degree from the University of Pennsylvania School of Medicine. She completed a residency and chief residency at Children’s Memorial Hospital, Northwestern University, and an infectious diseases fellowship at the Children’s Hospital of Philadelphia.

Given by Glenn and Muriel Kiser

Glenn A. Kiser and his wife Muriel left nearly half of their estate to Duke’s Department of Pediatrics, the largest gift to the department from an individual. A 1941 graduate of the Duke University School of Medicine, Dr. Kiser opened and operated a pediatrics practice in Salisbury, North Carolina, for seven years before becoming chief of pediatrics and chief of staff at Salisbury’s Rowan Regional Medical Center. This endowment supports a faculty member in the Department of Pediatrics.
James McNamara Sr., M.D., is the Duke School of Medicine Professor of Neurosciences in the Department of Neurobiology, founder of the Duke Center for the Advanced Study of Epilepsy, and former director of the Durham Veterans Affairs Medical Center Epilepsy Center. He served as chair of the Department of Neurobiology at Duke from 2002 to 2011. His research focuses on the mechanisms of epileptogenesis, the process by which a normal brain becomes epileptic. A member of the Institute of Medicine of the National Academy of Sciences, Dr. McNamara has received two NIH Jacob Javits Neuroscience Investigator Awards, an American Epilepsy Society Research Recognition Award, and a Freedom to Discover Award from Bristol-Myers Squibb. He earned an undergraduate degree from Marquette University and an M.D from the University of Michigan. He served as chief resident in neurology and completed his postdoctoral work in neuroscience at Duke. He also completed a sabbatical year in the molecular neurobiology laboratory of Stephen Heinemann, Ph.D., at the Salk Institute in California.
Wolfgang Joklik Professor of Medicine

Michael H. Merson, M.D., is the Wolfgang Joklik Professor of Medicine and founding director of the Duke Global Health Institute. In 2011, he was appointed interim vice president and vice provost for global strategy and programs. With Duke since 2006, he also serves as vice chancellor for Duke-National University of Singapore (NUS) Graduate Medical School affairs. Early in his career, Dr. Merson worked at the U.S. Centers for Disease Control and then served as the chief epidemiologist at the Cholera Research Laboratory in Bangladesh. In 1978, he joined the World Health Organization (WHO) as medical officer in the Diarrheal Diseases Control Program, where he served as director from 1980 to 1990. In 1990, he was appointed director of the WHO Global Program on AIDS, which was responsible for mobilizing and coordinating the global response to the HIV/AIDS pandemic. In 1995, Dr. Merson joined Yale University School of Medicine as its first dean of public health, and in 2001, was named the Anna M. R. Lauder Professor of Public Health. From 1999 to 2006, he served as director of the Center for Interdisciplinary Research on AIDS at Yale. Dr. Merson has authored more than 175 articles about disease prevention and is senior editor of Global Health: Disease, Programs, Systems, and Policies, a leading global-health textbook. He has served in advisory capacities for the Joint United Nations Program on AIDS, WHO, The Global Fund, World Bank, the Doris Duke Charitable Foundation, the World Economic Forum, and the Bill & Melinda Gates Foundation. He is a member of the Commission for Smart Global Health Policy at the Center for Strategic and International Studies. Dr. Merson has received numerous honors, including the U.S. Surgeon General's Exemplary Service Medal, and is a member of the Institute of Medicine of the National Academy of Sciences. He is a graduate of Amherst College and the State University of New York, Downstate Medical Center. He completed a residency at Johns Hopkins Hospital.

Eponymous

Wolfgang Joklik, Ph.D., a James B. Duke Professor of Microbiology, emeritus, chaired the Department of Microbiology from 1968 to 1992 and was co-founder of the Duke Comprehensive Cancer Center, the precursor of the Duke Cancer Institute. An internationally prominent microbiologist, he was editor of the seminal textbook Zinsser's Microbiology, founder of the American Society for Virology, and a member of the National Academy of Sciences. With Nobel laureate Paul Berg, Ph.D., Dr. Joklik discovered the enzyme terminal transferase and was the first to examine the mechanism of action of interferon in 1964. Duke University established this endowment to honor Dr. Joklik’s contributions.
Mohamad A. Mikati, M.D., is a Wilburt C. Davison Professor of Pediatrics, professor of neurobiology, and chief of the Division of Pediatric Neurology. Dr. Mikati’s clinical research has centered on characterizing and treating pediatric epilepsy and neurology syndromes. He has described several new pediatric neurological entities—two, POSSUM syndromes 3708 and 4468, carry his name—and discovered novel therapeutic strategies for epilepsy. Currently, he also is pioneering the application of cutting-edge magnetic resonance imaging techniques to resistant pediatric epilepsy. In the laboratory, Dr. Mikati has elucidated mechanisms of seizure-related neuronal injury and demonstrated neuroprotective effects of erythropoietin and other agents. He has held international leadership roles that include president of the Union of the Middle Eastern and Mediterranean Pediatric Societies; member of the Standing Committee of the International Pediatric Association; and officer of the International Child Neurology Association. He also is one of only two pediatric neurologists worldwide on the World Health Organization (WHO) advisory committee for the International Classification of Disease. Dr. Mikati has earned a number of national and international honors, including the Merritt Putnam American Epilepsy Society Fellowship Award; the Harvard Community Health Plan Peer Recognition Award; the Debs Research Award; the Hamdan Award for Contributions to Medicine; and the Hans Zellweger Award for Contributions to Pediatric Neurology. Before joining Duke in 2008, Dr. Mikati served on the Harvard University faculty as associate professor of neurology and as director of research in the Epilepsy Program at Boston Children’s Hospital. He also was professor and chair of the Department of Pediatrics and founded and led the Adult and Pediatric Epilepsy Program at the American University of Beirut. He earned a medical degree and completed pediatric training at the American University of Beirut, a neurology residency at Massachusetts General Hospital, and a neurophysiology fellowship at Boston Children’s Hospital.

Given by the Doris Duke Foundation and The Duke Endowment

Wilbur Cornell Davison, M.D., was recruited from Johns Hopkins University School of Medicine by Duke University president William Preston Few in 1927. As dean of the School of Medicine and chair of the Department of Pediatrics, Dr. Davison oversaw the construction of Duke University Hospital, School of Medicine, and School of Nursing and hired the original faculty. During his tenure as dean from 1927 to 1954, he led the hospital and medical school to regional and national prominence and was a leader in public health and medical education at the community, state, and national levels. He also published nine editions of a textbook, *The Compleat Pediatrician*. This is one of two professorships in pediatrics established in 1972 by the Doris Duke Foundation and The Duke Endowment in honor of Dean Davison’s 80th birthday.
James B. Duke Professor of Biochemistry

Paul Modrich, Ph.D., is a James B. Duke Professor of Biochemistry and Howard Hughes Medical Institute Investigator. Dr. Modrich’s laboratory identified components of the bacterial and human DNA mismatch-repair systems and established their molecular functions in mutation avoidance. Inactivation of this genetic stabilization pathway in humans is the cause of a common form of hereditary colon cancer. Prior to joining the Duke faculty in 1976, Dr. Modrich was an assistant professor at the University of California, Berkeley. A member of the National Academy of Sciences, the Institute of Medicine, and the American Academy of Arts and Sciences, he has been honored with the Pfizer Award in Enzyme Chemistry; the Feodor Lynen Medal; the General Motors Mott Prize in Cancer Research; the Pasarow Foundation Award in Cancer Research; the American Cancer Society Medal of Honor for Basic Research; and the Distinguished Faculty Award from the Duke Medical Alumni Association. Dr. Modrich earned an undergraduate degree at the Massachusetts Institute of Technology and a Ph.D. in biochemistry at Stanford University. His postdoctoral studies were in the Department of Biological Chemistry at Harvard Medical School.

Given by The Duke Endowment

Created in 1953 by a special grant from The Duke Endowment, the James B. Duke professorships honor the late James Buchanan Duke, a North Carolina industrialist and philanthropist who was the principal benefactor of Duke University, Duke University Hospital, and the schools of medicine and nursing. The Duke professorships honor well-established members of the Duke academic community, regardless of field, who have achieved distinction as creative scholars.
George Barth Geller Professor for Research in Neurobiology

Richard Mooney, Ph.D., is a George Barth Geller Professor for Research in Neurobiology and director of graduate studies in neurobiology. He joined Duke’s Department of Neurobiology in 1994. Dr. Mooney’s research examines the role of auditory experience in the development of brain and behavior, and the interplay between auditory and motor brain regions that enables vocal communication. He and his colleagues have identified how auditory experience alters the structure and function of nerve cells important to learned vocal communication; how these neurons are activated during expressive and receptive aspects of vocal communication; and the link between the auditory properties of these neurons and vocal perception. His group uses a wide variety of methods to this end, including in vivo multiphoton imaging of neurons; in vivo electrophysiological recordings made in freely vocalizing animals; viral methods to manipulate gene expression in neurons; and acoustic analysis of vocalizations. Dr. Mooney has held a Wiersma Visiting Professorship at the California Institute of Technology, a Sloane Research Fellowship, a Klin- genstein Research Fellowship, and a Helen Hay Whitney Fellowship. He also has been honored with a Dart Foundation Scholar’s Award, a McKnight Investigator Award, and Duke University’s Master Teaching Award, Davison Teaching Award, and Langford Prize. Dr. Mooney earned a bachelor’s degree in biology from Yale University and a Ph.D. in neurobiology from the California Institute of Technology. After completing a postdoctoral fellowship at Stanford University, he was appointed to the faculty of Duke’s Department of Neurobiology.

Given by George Barth Geller

George Barth Geller, M.D., was a general surgeon who practiced in New York and Florida. He had no connection to Duke University and never visited Durham, North Carolina. He was introduced to Duke by Fenner Douglass, a Duke professor of music and university organist, and his brother, John Douglass, an attorney. This endowment is one of a series that Dr. Geller established in the late 1980s. When he died in 1992, another bequest helped to establish several additional endowments.
James H. Semans, M.D.,
Professor of Urologic Surgery

Judd W. Moul, M.D., F.A.C.S., is the James H. Semans, M.D., Professor of Urologic Surgery and director of the Duke Prostate Center. He was chief of the Division of Urology from August 2004 to August 2011. Prior to joining Duke, he was a professor of surgery at the Uniformed Services University of the Health Sciences (USUHS) in Bethesda, Maryland, and an attending urologic oncologist at Walter Reed Army Medical Center (WRAMC). He also led the Center for Prostate Disease Research (CPDR), a Congressionally mandated research program of the Department of Defense based at USUHS and WRAMC. In 2004, Dr. Moul completed a 26-year U.S. Army career, retiring as a full colonel in the Medical Corps. Dr. Moul serves or has served on the editorial boards of *Prostate Cancer; Prostate Cancer and Prostatic Diseases; British Journal of Urology International; American Journal of Men’s Health; Brazilian Journal of Urology; World Journal of Urology; Journal of Urology;* and *Urology.* He has published more than 500 medical and scientific manuscripts and book chapters; lectured at national and international meetings; and appeared on a number of national media outlets as a prostate cancer authority. Dr. Moul’s honors and awards include the American Medical Association’s Young Physicians Section Community Service Award for his national involvement in prostate cancer patient support groups; the Sir Henry Welcome Research Medal and Prize from the Association of Military Surgeons of the United States; the prestigious Gold Cystoscope Award by the American Urological Association; the Baron Dominique Jean Larrey Military Surgeon Award for Excellence; the Order of Military Medical Merit from the Surgeon General of the U.S. Army; and the Castle Connolly National Physician of the Year Award. Dr. Moul graduated *summa cum laude* from Pennsylvania State University and earned a medical degree from Jefferson Medical College, where he was elected to *Phi Beta Kappa* and *Alpha Omega Alpha.* He completed a urology residency at Walter Reed Army Medical Center and a urologic oncology fellowship at Duke.

Given by James H. Semans and
the Mary Duke Biddle Foundation

James H. Semans, M.D., was a Duke surgeon and urologist, a pioneer in rehabilitative and urinary surgery, and one of the first clinicians to link urology to the emerging field of social medicine. With his wife of 52 years, Mary Duke Biddle Trent Semans, he was involved in numerous art and charitable causes. Dr. Semans served for 48 years on the Mary Duke Biddle Foundation, a trust established in 1956 to support the interests of both its founder and its namesake in education, religion, music, and the arts, as well as Duke University and the communities of North Carolina and New York. At Duke, Dr. and Mrs. Semans were instrumental in establishing the Health Arts Network and the Nasher Museum of Art. Dr. Semans died in 2005 at the age of 94. This endowment supports a faculty member in the field of urologic surgery.
Walter L. Thomas Professor of Obstetrics and Gynecology

Evan R. Myers, M.D., M.P.H., is the Walter L. Thomas Professor of Obstetrics and Gynecology. He also is a faculty member of both the Duke Clinical Research Institute and the Duke Cancer Institute and an adjunct associate professor of epidemiology at the University of North Carolina at Chapel Hill. He served as chief of the Division of Clinical and Epidemiological Research in Duke’s Department of Obstetrics and Gynecology from 2001 to 2011. Dr. Myers’ primary research interests are in the application of clinical epidemiological methods, including decision analysis, cost-effectiveness analysis, and other mathematical modeling techniques, to women’s health research. He has worked extensively on strategies for primary and secondary prevention of cervical and endometrial cancer, as well as in non-cancer areas such as treatment of uterine fibroids, infertility, and complications of pregnancy. Funding from his work has come from a variety of public and private sources, including the NIH, the Agency for Healthcare Research and Quality (AHRQ), and the Patient-Centered Outcomes Research Institute (PCORI). Dr. Myers has served on a variety of national committees, including the Reproduction, Andrology, and Gynecology Study Section for the National Institute of Child and Human Development (NICHD); the Data and Safety Monitoring Boards for the NICHD; Pelvic Floor Disorders and Contraception Networks; and the National Breast and Cervical Cancer Early Detection Program Advisory Committee. He recently led the evidence review process for the American Cancer Society/American Society of Clinical Pathology/American Society for Colposcopy and Cervical Pathology cervical cancer screening guidelines. His honors include receiving a Distinguished Educator’s Award from the Association of Professors of Obstetrics and Gynecology, and he is a two-time recipient of the Distinguished Professor’s Award from Duke’s Department of Obstetrics and Gynecology. He is a Fellow of the American College of Obstetricians and Gynecologists. Dr. Myers earned a medical degree from the University of Pennsylvania and a master’s degree in public health from UNC-Chapel Hill. He completed a residency in obstetrics and gynecology at Duke, and a master’s degree in epidemiology at UNC-Chapel Hill, where he also was a Robert Wood Johnson Clinical Scholar.

Given by the F. Bayard Carter Society of Obstetrics and Gynecology

In 1951, 15 former residents of Duke’s Department of Obstetrics and Gynecology met in Durham, North Carolina, and organized the F. Bayard Carter Society. Named in honor of the first chair of the Department of Obstetrics and Gynecology, the Society today consists of house officers, fellows, and faculty at Duke and seeks to promote scientific knowledge in the field. The Society has established several endowments, including the Walter L. Thomas Professorship to honor Dr. Thomas, a physician and professor of obstetrics and gynecology at Duke from 1937 until the mid-1960s.
Rendon C. Nelson, M.D., is the Reed and Martha Rice Professor of Radiology. Before joining the Duke faculty in 1994 as chief of the Division of Abdominal Imaging, he was an associate professor of radiology and director of Emory University’s Frederik Philips Magnetic Resonance Research Center. Dr. Nelson’s clinical and research interests focus on optimizing the detection and characterization of both focal and diffuse liver diseases with various imaging techniques, particularly ultrasound, computed tomography, and magnetic resonance. Internationally known for his research on hepatobiliary imaging, Dr. Nelson has more than 190 publications in peer-reviewed literature. He is a Fellow and past president of the Society of Computed Body Tomography and Magnetic Resonance. Dedicated to the education of medical students, residents, and fellows in radiology, he earned four Teacher of the Year Awards during his tenure at Emory and Duke. Dr. Nelson earned an undergraduate degree from Pacific Union College and a medical degree from Loma Linda University, where he also completed an internship in internal medicine and a residency in diagnostic radiology. He completed a fellowship in abdominal imaging at Emory University.
Barbara Levine University  
Professor of Breast Cancer Genomics

Joseph R. Nevins, Ph.D., is the Barbara Levine University Professor of Breast Cancer Genomics in the Duke Institute for Genome Sciences and Policy and former chair of Duke’s Department of Molecular Genetics and Microbiology. His research focuses on the molecular mechanisms that control gene expression in animal cells, with a particular emphasis on the key regulatory pathways that govern the growth of normal cells and are central to the development of human cancers. Dr. Nevins discovered the E2F transcription factor and delineated the role of E2F in the control of cell proliferation. His pioneering work to develop genomic measures of cell-signaling pathways has opened the way to a better understanding of the complexity of human cancers and opportunities to better utilize new investigational therapies. He was elected to the American Academy of Arts and Sciences in 2004; was the recipient of the 2008 Heath Memorial Award from the University of Texas MD Anderson Cancer Center; and in 2010 was honored with the Colin Thomson Memorial Medal from the Association for International Cancer Research. Dr. Nevins earned a Ph.D. in microbiology from Duke University, completed postdoctoral studies at Rockefeller University, and continued as a faculty member and Howard Hughes Investigator at Rockefeller before returning to Duke, also as a Hughes Investigator.

Given by Leon Levine, Howard Levine, and Lori L. Sklut

Leon Levine, the founder and chair, emeritus, of Family Dollar Stores, Inc., and his children, Howard Levine and Lori Sklut, established this endowment in memory of their wife and mother, Barbara Levine, who lost her battle with breast cancer when she was 27. Leon Levine has been a friend and supporter of Duke University Medical Center for more than 20 years, including serving on the Duke Hospital Advisory Board and the Duke Medicine Board of Visitors. The family also established the Barbara Levine Breast Cancer Genomics Faculty Research Endowment. In 1992, a gift from Leon Levine helped build the Levine Science Research Center at Duke, a facility dedicated to collaborative cancer research and education.
Christopher Newgard, Ph.D., is the W. David and Sarah W. Stedman Professor of Nutrition and director of the Sarah W. Stedman Nutrition and Metabolism Center. He also holds appointments in the departments of pharmacology and cancer biology, medicine, and biochemistry. Dr. Newgard’s primary research interests are focused on mechanisms that regulate fuel metabolism. He is advancing the Stedman Center into a world leader in metabolic research by applying technologies to increasingly common human problems such as obesity, diabetes, and cardiovascular disease. Dr. Newgard’s honors and awards include the Outstanding Scientific Achievement (Lilly) Award from the American Diabetes Association; the Solomon Berson Award from the American Physiological Society; and the Bristol Meyers Squibb Freedom to Discover Award in Metabolic Research. Prior to coming to Duke, Dr. Newgard was the Gifford O. Touchstone Jr. and Randolph G. Touchstone Distinguished Chair in Diabetes Research and professor of biochemistry and internal medicine at the University of Texas Southwestern Medical Center. He holds an undergraduate degree from Duke University and a Ph.D. from UT Southwestern Medical Center. He completed a postdoctoral fellowship at the University of California, San Francisco, in 1987.

Given by Duke University

This endowment was established in 1989 by Duke University and named to honor David and Sarah Stedman of Winston-Salem, North Carolina. This endowment supports the director of Duke’s Sarah W. Stedman Nutrition and Metabolism Center. Mr. Stedman is a 1942 graduate of Trinity College. The Stedmans provided funds for the construction of the Stedman Nutrition Center building, a research laboratory for nutritional studies, and programmatic support at the Stedman Center, an interdisciplinary basic and clinical research program that seeks to understand the fundamental regulatory mechanisms of nutrition and metabolism, translate science into new therapies for chronic diseases, and generate personalized treatments based on an individual’s metabolic profile.
Mark Newman, M.D., is the Merel H. Harmel Professor of Anesthesiology and chair of the Department of Anesthesiology. He also serves as the first medical director of Duke’s Global Perioperative Research Organization; director of the Perioperative Organ Protection Consortium; and a professor in the Department of Medicine. Dr. Newman is best known for his work in assessing cognitive dysfunction and quality of life following coronary artery bypass graft surgery. Appointed chief of the Division of Cardiothoracic Anesthesiology in 1994, Dr. Newman has served since 1996 as a Senior Fellow at the Duke Center for the Study of Aging and Human Development, where he has studied genetic predictors of short- and long-term cognitive dysfunction, myocardial infarction, and perioperative organ injury. He also is a member of Duke Clinical Research Institute’s Multicenter Outcomes Research faculty. Dr. Newman joined Duke as an assistant professor of anesthesiology in 1992 and has trained and mentored more than 30 Duke cardiothoracic anesthesiology fellows. He has appeared on NBC Nightly News, North Carolina Now, and The Today Show, and has been invited to speak at more than 200 national and international meetings. In 2006, he was awarded the Bernard H. Eliasberg Medal for significant contributions in the field of anesthesiology, critical care, and pain management. Dr. Newman earned an M.D. at the University of Louisville School of Medicine before completing a fellowship in cardiac anesthesiology at Duke University Medical Center.

Merel H. Harmel, M.D., is a professor, emeritus, and founding chair of the Duke Department of Anesthesiology. He served as chair from 1971 to 1983 and led the development of the world’s first electronic vital signs-monitoring system. Originally known as Duke Automatic Monitoring Equipment (DAME), the equipment was installed in Duke University Hospital (Duke North) when it was built in 1980. Similar equipment is now standard in all U.S. operating rooms. Dr. Harmel brought international prominence to Duke’s anesthesiology department and was a strong advocate for medical student and resident education. This endowment was established in his honor by Duke University. Dr. Harmel lives in Chapel Hill, North Carolina.
Miguel A. L. Nicolelis, M.D., Ph.D., is the Duke School of Medicine Professor of Neuroscience and a professor of neurobiology, biomedical engineering, and psychology and neuroscience. He also serves as co-director of the Duke Center for Neuroengineering. Dr. Nicolelis’ research seeks to better understand the computational principles underlying the interactions between populations of neurons involved in motor control and tactile perception. Best known for his study of brain-machine interfaces for neuro prosthetics in humans and non-human primates, Dr. Nicolelis also is developing an integrative approach to studying neurological and psychiatric disorders by recording neuronal ensemble activity in genetically modified mice. He believes this approach will allow the integration of molecular, cellular, systems, and behavioral data in the same animal, leading to a better understanding of the alterations associated with these disorders. This multidisciplinary approach to research has become widely recognized in the neuroscience community. Laboratories in the United States and Europe have used Dr. Nicolelis’ experimental paradigm to study mammalian neuronal systems, and his work has influenced research in computer science, robotics, and biomedical engineering. Dr. Nicolelis was named one of Scientific American’s Top 50 Technology Leaders in America, and he has earned a number of honors and awards, including the Whitehead Scholar Award, the Defense Advanced Research Projects Agency Award for Sustained Excellence by a Performer, and the Ruth and A. Morris Williams Jr. Faculty Research Prize. He was awarded the International Blaise Pascal Research Chair from the Fondation de l’Ecole Normale Supérieure and the 2009 Fondation IPSEN Neuronal Plasticity Prize. Dr. Nicolelis is a member of the French and Brazilian Academies of Science and has authored more than 180 manuscripts, edited numerous books and special journal issues, and holds three U.S. patents. A native of Sao Paulo, Brazil, Dr. Nicolelis earned an M.D. and Ph.D. in neurophysiology from the University of Sao Paulo. After postdoctoral work at Hahnemann University, he joined the Duke faculty in 1994.
Paul W. Noble, M.D., is the Charles Johnson, M.D., Professor of Medicine and chief of the Division of Pulmonary, Allergy, and Critical Care Medicine. His research concentrates on defining the mechanisms that contribute to chronic lung inflammation and lung fibrosis in the absence of infection. Dr. Noble has focused on the role of an extracellular matrix glycosaminoglycan termed hyaluronan, which is produced following lung injury. He was the first to show that hyaluronan could induce growth factors and identified a novel signaling pathway in macrophages. He has subsequently demonstrated the role of interactions between hyaluronan and the innate immune system to regulate lung injury, inflammation, and repair. He also studies the role of a family of chemokines (immune response agents) and their cognate receptors in lung fibrosis. Dr. Noble is an internationally recognized expert in the diagnosis and management of interstitial lung diseases and has been a leader in clinical trial development for therapies for idiopathic pulmonary fibrosis. Dr. Noble’s work has earned him several honors, including election to the American Society of Clinical Investigation, Interurban Clinical Club, and Association of American Physicians. He serves on the scientific advisory board for the American Asthma Foundation (formerly the Sandler Program for Asthma Research). Named a 2007 DukeMed Scholar, Dr. Noble came to Duke in 2006 from Yale University, where he was professor of medicine and director and founder of the Interstitial Lung Disease Clinic. Dr. Noble had previously been on the faculty at the Johns Hopkins University School of Medicine, where he founded the Interstitial Lung Disease Clinic. He earned a bachelor’s degree from Haverford College and a medical degree from the New York University School of Medicine. He completed an internal medicine residency and chief residency at the University of California, San Francisco, and a pulmonary and critical care fellowship at the University of Colorado Health Sciences Center. He also completed a research fellowship at the National Jewish Center for Immunology and Respiratory Medicine.

Eponymous

Charles Johnson, M.D., was the first African-American faculty member at Duke University School of Medicine. Recruited in 1970 by then-chairman of the Department of Medicine, Eugene A. Stead Jr., M.D., Dr. Johnson remained at Duke until he retired in 1996 and continues to serve as a professor of medicine, emeritus, in the Division of Endocrinology, Metabolism, and Nutrition. He has been an advocate for racial equality and has served as a mentor to others in the black community.
Goldner Jones Professor of Orthopaedic Surgery

James Nunley, M.D., is the Goldner Jones Professor of Orthopaedic Surgery. An orthopaedic surgeon on the Duke faculty for 31 years, he also chairs the Department of Orthopaedic Surgery. Dr. Nunley specializes in surgery of the foot and ankle, and his team performs more total ankle replacements than any other U.S. center. In the laboratory, his focus is injury and repair of the lateral ankle ligaments, as well as other biomechanical disorders of the foot and ankle. His research team has expanded the options for patients who suffer from traumatic and degenerative disease of the ankle. Dr. Nunley leads one of the nation’s largest foot and ankle training programs for orthopaedic surgeons. In 1998, he began an FDA-sanctioned investigation of total ankle replacements. Dr. Nunley earned an undergraduate degree in chemistry from Duke University in 1969 and master of science and medical degrees from Tulane University in 1973. He completed two years of internship and residency training at the University of California, Los Angeles, and five years of specialty training in orthopaedic surgery and hand and microvascular surgery at Duke.

Given by J. Leonard and Eunice Goldner and Billy R. Jones

J. Leonard Goldner, M.D., was a James B. Duke Professor of Orthopaedic Surgery and chair of the Division of Orthopaedic Surgery from 1967 until he retired in 1984. He earned a reputation as a disciplined, talented, compassionate, and dedicated physician and educator. Dr. Goldner completed residency training in orthopaedics at Duke and served in the South Pacific during World War II before joining the faculty. He led a number of national and regional professional orthopaedic societies and was honored with a Distinguished Civilian Service Award from the U.S. Secretary of the Army, as well as numerous awards for teaching. This professorship was established in 1983 by Dr. Goldner and his wife Eunice. When Dr. Goldner died in 2005, Billy R. Jones made a gift to complete funding of the professorship in recognition of the outstanding care provided to him and his family by Dr. Goldner. Mr. Jones, of Atlanta, Georgia, is the retired founder of Crown Fiber Communications, Inc.
Theodore N. Pappas, M.D., is the Duke Surgical Innovation Professor of Surgery and vice chair for administration in the Department of Surgery. He also serves as vice dean for medical affairs in the Duke University School of Medicine and assistant medical director for the Duke Faculty Practice. His clinical interests include gastrointestinal surgery, peptic ulcer surgery, and cancer of the esophagus, stomach, pancreas, and bile duct. Since joining Duke in 1988, Dr. Pappas has held numerous positions, including director of surgical endoscopy; chief of the Division of Gastrointestinal Surgery; chief of surgical services for the Veterans Affairs Medical Center in Durham; program director of the General Surgery Residency Program; associate dean for clinical affairs for Duke University School of Medicine; and executive medical director for the Duke Faculty Practice. He also co-founded and led the Duke-U.S. Surgical Endosurgical Center. The 1994 and 2006 recipient of Duke’s David C. Sabiston Teaching Award, Dr. Pappas also serves as a member of the editorial boards of medical journals that include *Annals of Surgery* and *HPB*. He is a past president of the American Hepato-Pancreato-Biliary Association and serves as a senior director on the American Board of Surgery. Dr. Pappas is the editor of seven books and has co-authored more than 300 papers and chapters. He currently serves on the boards of directors for Project Access of Durham County, Durham County Hospital Corporation, and the Duke University Health System. A 1977 graduate of John Carroll University, where he received a bachelor of science degree, Dr. Pappas simultaneously earned a master’s degree in science and a medical degree from Ohio State University in 1981. He completed an internship and residency in 1987 at Brigham and Women’s Hospital, where he earned the F. D. Moore Resident Teaching Award while serving as a chief resident. He served as the gastrointestinal research fellow at the University of California from 1983 to 1985 and was a clinical fellow in surgery at Harvard Medical School from 1985 to 1988.
Manesh R. Patel, M.D., is the John Bush Simpson Assistant Professor of Cardiology; an assistant professor of medicine; cardiology section leader in Duke’s Peripheral Vascular Disease Program; and assistant director of the Cardiac Catheterization Laboratory. Dr. Patel’s clinical interests include diagnostic and interventional coronary angiography, peripheral angiography, and percutaneous intervention. He is involved in several clinical trials involving patients with vascular disease and in cardiac imaging. A member of the American College of Cardiology Task Force for Appropriate Use of Cardiovascular Procedures, he also chairs the American Heart Association’s Diagnostic and Intervventional Catheterization Committee.

Dr. Patel’s interest in cardiac imaging, quality of care, and cardiac devices is also evident in his research. His integration of these efforts into his roles at Duke was recognized in 2010 when he received the prestigious Duke Cardiology Fellowship Mentorship Award. Since joining the Duke faculty in 2006, Dr. Patel has published more than 45 peer-reviewed articles in high-impact journals. His recent articles in the Journal of the American College of Cardiology, Journal of the American Medical Association, and The New England Journal of Medicine garnered national attention from scientific and lay press. Dr. Patel earned a medical degree from Emory University School of Medicine in 1997. He completed a residency at Duke in 2000, followed by fellowships in cardiology and interventional cardiology at Duke.

Given by John Bush Simpson

John Bush Simpson, M.D., is a renowned interventional cardiologist and medical-device entrepreneur who holds 30 patents to date. In 1978, his invention, the over-the-wire coronary angioplasty catheter, led to the founding of Advanced Cardiovascular Systems, a leading company in the development of interventional cardiology techniques in coronary and peripheral revascularization. Other enterprises he founded include Sawtooth Labs, Inc., and Avinger, Inc., technology-development companies for medical-product hardware and software and interventional cardiovascular medical devices. Dr. Simpson is a professor of clinical medicine at Stanford University and a staff cardiologist at Sequoia Hospital in Redwood City, California. A 1974 graduate of Duke University School of Medicine, he is a recipient of the Duke Medical Alumni Association’s Distinguished Alumnus Award and has served on the Duke Medicine Board of Visitors and the Duke Heart Center Board. Dr. Simpson established this endowment to support an assistant professor in the field of interventional cardiology, with an emphasis on cardiogenomics.
James and Alice Chen
Professor of Radiology

Edward Patz Jr., M.D., is the James and Alice Chen Professor of Radiology and a professor of pathology, pharmacology, and cancer biology. Dr. Patz has served on many national and international committees, including numerous NIH and National Cancer Institute initiatives and the World Health Organization’s external advisory committee of the Russian Ministry of Health. He is a member of the American Board of Radiology, the Radiologic Society of North America, the Fleischner Society, and the International Association for the Study of Lung Cancer. Dr. Patz has served as a visiting professor and invited lecturer nearly 90 times since 1991 and has served in editorial capacities for publications that include Cancer, Journal of Thoracic Imaging, Journal of Thoracic Oncology, and the Journal of Clinical Oncology. Dr. Patz joined the Duke faculty in 1991 after serving on the radiology faculty at Harvard Medical School. He earned a bachelor’s degree in physics magna cum laude from Duke University and a medical degree from the University of Maryland. He was a research fellow in the Department of Physics at Harvard and completed a medical internship, radiology residency and chief residency, and thoracic imaging fellowship at Brigham and Women’s Hospital.

Given by friends of James and Alice Chen

James Chen, M.D., was a professor, emeritus, in Duke’s Department of Radiology, director of the department’s basic clinical clerkship from 1983 to 1986, and director of the cardiopulmonary radiology service from 1976 to 2002. Dr. Chen gained a reputation as a skilled and dedicated teacher who shared his vast knowledge of cardiac radiology and thoracic imaging with countless students, residents, fellows, and colleagues. He was a four-time winner of the Department of Radiology Teacher of the Year Award and a 1990 recipient of both the Duke Medical Alumni Association Distinguished Teaching Award and the Thomas D. Kinney, M.D., Teaching Award. This professorship was established in 2002 by patients, friends, and colleagues to honor Dr. Chen and his wife Alice. Dr. Chen died in 2006.
Ann Marie Pendergast, Ph.D., is a James B. Duke Professor of Pharmacology and Cancer Biology; director of graduate studies in molecular cancer biology; and co-leader of Duke Cancer Institute’s Cancer Biology Program. She joined the Department of Pharmacology in 1992. Dr. Pendergast is a member of the Chancellor’s Science Advisory Council and the National Cancer Institute (NCI) Board of Scientific Counselors. Her laboratory’s long-term goal is to define the pathways that integrate activation of diverse growth factor chemokine and adhesion receptors with the regulation of cell polarity, migration, and invasion during normal development and cancer, with emphasis on the role of the Abl family of tyrosine kinases and their targets. Recently, Dr. Pendergast and her team unexpectedly found that Abl kinases are hyperactivated in a subset of human breast-cancer subtypes and are required for cancer-cell polarity, invasion, and matrix degradation. Her work may extend the use of approved and novel kinase inhibitors for treatment of invasive tumors and other pathological conditions that employ Abl family kinases to invade target tissues. Dr. Pendergast’s interest in normal and oncogenic tyrosine kinases began during her postdoctoral training at the University of California, Los Angeles (UCLA), with Owen Witte, M.D. While there, she made seminal discoveries that defined the critical pathways employed by the Bcr-Abl tyrosine kinase to induce human leukemias. In 2011, Dr. Pendergast was elected a Fellow of the American Association for the Advancement of Science. Her scientific contributions have been recognized with numerous awards, including the inaugural Whitehead Scholar Award; Scholar of the Leukemia Society of America; the Gertrude Elion Cancer Research Award; the Frank Rose Memorial Lecture Award from the British and Irish Associations for Cancer Research; the Stohlman Scholar Award; and the Sidney Kimmel Cancer Research Award from the American Association for Cancer Research (AACR). A member of the NCI Board of Scientific Counselors-Basic Science, Dr. Pendergast has served on several NIH study section panels. Before completing postdoctoral training at UCLA, Dr. Pendergast earned a Ph.D. from the University of California, Riverside.

**Given by The Duke Endowment**

Created in 1953 by a special grant from The Duke Endowment, the James B. Duke professorships honor the late James Buchanan Duke, a North Carolina industrialist and philanthropist who was the principal benefactor of Duke University, Duke University Hospital, and the schools of medicine and nursing. The Duke professorships honor well-established members of the Duke academic community, regardless of field, who have achieved distinction as creative scholars.
Fred Cobb, M.D., Professor of Preventive Cardiology

Eric D. Peterson, M.D., M.P.H., is the Fred Cobb, M.D., Professor of Preventive Cardiology and faculty associate director and director of cardiovascular research at the Duke Clinical Research Institute. A Duke faculty member since 1995, he served as the Department of Medicine’s vice chair for quality from 2004 to 2010. Dr. Peterson’s research interests include critical care and general cardiology, acute coronary syndromes, and geriatric cardiology. He is the principal investigator (PI) for numerous clinical investigations, including the NIH/Agency for Health Care Research and Quality (AHRQ)-funded Duke Centers for Education and Research on Therapeutics and the Coordinating Center for the National Heart, Lung, and Blood Institute’s Centers for Cardiovascular Outcomes Research. He also leads as PI the American Heart Association (AHA) Pharmaceutical Roundtable Outcomes Center grant; the Society of Thoracic Surgeons’ National Cardiac Surgery Database; the American College of Cardiology’s National Cardiac Database; and the AHA’s Get with the Guidelines initiative. Dr. Peterson is active with many national committees, including serving as chair of both the AHA’s Quality of Care and Outcomes Research Interdisciplinary Working Group and Strategic Planning Committee. He also is chair of the ACC/AHA Performance Measures Task Force; a member of the U.S. Veterans Affairs Quality Enhancement Research Initiative Executive Committee; and a member of the American Society for Clinical Investigation Council. A contributing editor for the Journal of the American Medical Association, Dr. Peterson was honored with a DukeMed Scholar Award in 2007. After earning a bachelor’s degree from Northwestern University and a medical degree from the University of Pittsburgh School of Medicine, he completed a residency in medicine at Brigham and Women’s Hospital, earned a master’s degree in public health at Harvard School of Public Health, and completed a fellowship in cardiology at Duke.

Given by friends of Fred Cobb

Fred Cobb, M.D., completed a fellowship in cardiology at Duke University Medical Center before serving as a major in the U.S. Army. He returned to Duke in 1983 to join the faculty of both Duke and the Durham Veterans Affairs Medical Center (VAMC). At the time of his unexpected death, Dr. Cobb led both the Duke Center for Living’s Program for Prevention and Treatment of Heart and Vascular Disease and the VAMC’s Congestive Heart Failure Clinic and Claudication Research Clinic. During his life, his hard work to gain support for a professorship in preventive cardiology laid the foundation for this endowment, which was established in 2005 by his family, friends, grateful patients, and colleagues. The endowment honors Dr. Cobb’s many years of research and service in the field of cardiovascular prevention and health.
Thomas D. Petes, Ph.D., is the Minnie Geller Professor for Research in Genetics in the Department of Molecular Genetics and Microbiology. He also is a former chair of the department. Dr. Petes identified mutations in the model eukaryote yeast that destabilize the genome, a breakthrough that led to the discovery of mutations in related human genes in certain cancer-prone patients.

He served on the University of Chicago’s Department of Microbiology faculty from 1977 to 1988 and on the Department of Biology faculty of the University of North Carolina at Chapel Hill from 1988 to 2004. Dr. Petes’ honors include election to the National Academy of Sciences, the American Academy of Arts and Sciences, and the American Academy of Microbiology. He has served as both vice president and president of the Genetics Society of America. Dr. Petes earned an undergraduate degree at Brown University and a graduate degree in the Department of Genetics at the University of Washington in Seattle. He conducted postdoctoral research with D.H. Williamson at the National Institute for Medical Research in London and with David Botstein, Ph.D., at the Massachusetts Institute of Technology.

Given by George Barth Geller

George Barth Geller, M.D., was a general surgeon who practiced in New York and Florida. He had no connection to Duke University and never visited Durham, North Carolina. He was introduced to Duke by Fenner Douglass, a Duke professor of music and university organist, and his brother, John Douglass, an attorney. Named for his mother, this endowment is one of a series that Dr. Geller established in the late 1980s. When he died in 1992, an additional bequest helped to establish several other endowments.
Salvatore V. Pizzo, M.D., Ph.D., is a Duke University Distinguished Service Professor of Pathology, chair of the Department of Pathology, and medical director of the Duke University Health System Clinical Laboratories. Dr. Pizzo’s research focuses on proteinase regulation and fibrinolysis, with an emphasis on tumor biology, angiogenesis, and vaccine development. His team’s discovery of the target for the anti-tumor agent angiostatin led to a novel treatment that targets tumors’ blood vessels with monoclonal antibodies. Dr. Pizzo has served on three NIH study sections and is a member of a National Cancer Institute Program Project committee. He has chaired the Department of Defense’s Breast Cancer Research Program Review Committee and the Gordon Conferences on proteases and their inhibitors. An elected Fellow of the American Association for the Advancement of Science, he also is a member of the Association of University Pathologists and the American Society for Clinical Investigation. Dr. Pizzo has trained more than 50 Duke postdoctoral fellows, graduate students, and M.D./Ph.D. students and has been honored with the School of Medicine’s Golden Apple Award and the Medical Alumni Association’s Distinguished Faculty Award. He earned both medical and doctoral degrees from Duke, where he also completed residency training in pathology.
James F. Glenn, M.D., Professor of Urology

Glenn M. Preminger, M.D., is the James F. Glenn, M.D., Professor of Urology, chief of the Division of Urologic Surgery, and director of the Urology Residency Program at Duke. His clinical interests include the minimally invasive management of urinary-tract stones, including shock wave lithotripsy and percutaneous and ureteroscopic stone removal. He also coordinates the comprehensive metabolic evaluation and preventive care offered at the Duke Comprehensive Kidney Stone Center. Dr. Preminger has extensive experience in developing endoscopic instruments for minimally invasive urologic procedures, and he holds eight patents in shock wave lithotripsy design. Along with a Duke colleague, Pei Zhong, Ph.D., he established the Lithotripsy Laboratory in the Comprehensive Kidney Stone Center to study shock wave physics and the effects of shock wave lithotripsy and intracorporeal lithotripsy devices on tissue. Drs. Preminger and Zhong have been awarded more than $10 million in research support from the NIH. Dr. Preminger also is researching advanced imaging technologies for minimally invasive urologic surgery, including high-definition television, 3-D imaging, and virtual reality surgical simulation. He is a member of 15 professional societies and holds editorial positions with the Journal of Urology, Urology, the Journal of Endourology, and Urological Research. He served as chair of the American Urological Association (AUA) Office of Education from 2006 to 2009 and was awarded the 2008 AUA Residents Committee Teaching Award. Prior to coming to Duke, Dr. Preminger spent 10 years on the faculty in the departments of urology, medicine, and radiology at the University of Texas Southwestern Medical Center. He earned a medical degree from New York Medical College in 1977. After completing urologic training at the University of North Carolina in 1983, he was an AUA Scholar for two years in the Division of Mineral Metabolism at UT Southwestern, concentrating on the medical management of nephrolithiasis.

Given by Duke University and James F. Glenn

James F. Glenn, M.D., was chief of Duke’s Division of Urology from 1963 to 1980. A 1952 graduate of Duke University School of Medicine, he was an internationally known urologist who held leadership positions at many premier institutions. Dr. Glenn served as dean of Emory University School of Medicine; director of the University of Kentucky’s Markey Cancer Center; and chair of the Department of Surgery at University of Kentucky Medical Center. He served as president of The Societe Internationale d’Urologie and received that organization’s highest honor in 2007. Dr. Glenn also was a former governor of the American College of Surgeons, an honorary Fellow of the Royal College of Surgeons, and a 1994 recipient of the American Urological Association’s Lifetime Achievement Award. This professorship was established by the Duke Center for Urologic Research, Education, and Diseases (CURED) Fund in 2005, and Dr. Glenn made an additional contribution through his estate plans.
Gregory Mario and Jeremy Mario Professor of Business Administration

Kevin A. Schulman, M.D., M.B.A., is the Gregory Mario and Jeremy Mario Professor of Business Administration, a professor of medicine, and an associate director of the Duke Clinical Research Institute at Duke University School of Medicine. At Duke’s Fuqua School of Business, he serves as director of the Health Sector Management and Master of Management in Clinical Informatics programs and the Center for the Study of Health Management. His other university affiliations include the Trent Center for Bioethics, Humanities, and History of Medicine; the Duke Translational Research Institute Pilot Project Advisory Committee; and the Duke Global Health Institute. Dr. Schulman is a distinguished researcher who has received more than $34 million in research grants. He regularly teaches courses in biotechnology, health policy, and health information technology strategy. Dr. Schulman has published more than 350 papers and book chapters; his peer-reviewed articles have appeared in The New England Journal of Medicine, JAMA, and Annals of Internal Medicine. He is a member of the editorial/advisory boards of the American Journal of Medicine, American Heart Journal, Health Services Research, and Value in Health. A recipient of numerous awards, Dr. Schulman is a Fellow of the American College of Physicians and an elected member of the American Society for Clinical Investigation. He has served as session chair and panelist at dozens of medical and health care conferences. Dr. Schulman has also served on numerous grant review committees, including for the National Institutes of Health and the Robert Wood Johnson Foundation. He is a member of the advisory board for the Centre for Healthcare Policy and Management at the China Europe International Business School. From 2010 to 2011, he was a mentor for the Commonwealth Fund’s Harkness Fellowships in Health Care Policy and Practice. He is a voting member of the Medicare Evidence Development and Coverage Advisory Committee. Dr. Schulman received an M.D. from the New York University School of Medicine and an M.B.A. with a concentration in health care management from the Wharton School of the University of Pennsylvania. He completed a residency in internal medicine at the Hospital of the University of Pennsylvania and is board-certified in internal medicine.

Given by Ernest and Millie Mario

Ernest Mario, Ph.D., and Millie Mario have been active Duke supporters for many years. Dr. Mario, an American pharmaceutical industry executive, served on the Duke University Board of Trustees from 1989 to 2007 and the Duke University Health System Board of Directors from 1998 to 2010. He became a trustee, emeritus, in 2007, making him the second longest serving trustee in Duke University history. Dr. and Mrs. Mario’s son, Gregory Mario, is a 1991 graduate of Duke University’s Fuqua School of Business and a member of Fuqua’s Alumni Council. Their son, Jeremy Mario, is a 1992 graduate of Duke University and a 1996 graduate of the Fuqua School of Business, as well as a former member of the Fuqua Alumni Council. Dr. and Mrs. Mario donated the funds for this endowment in 1996 and established the professorship in 2006 in honor of their sons.
Henry E. Rice, M.D., is the Paul H. Sherman, M.D., Associate Professor of Surgery, chief of the Division of Pediatric General Surgery, and an associate professor of surgery and pediatrics. His clinical and research interests cover a range of general pediatric surgery topics, with an emphasis on treating congenital malformations, pediatric oncology, and thoracic and abdominal surgery. He is particularly interested in hemolytic anemias and is considered a leader in the study of partial splenectomy in children. Dr. Rice has been the recipient of many awards and honors, including being listed among America’s top surgeons by the Consumers Research Council of America. He has published more than 60 peer-reviewed journal articles and authored 11 book chapters and several other abstracts and manuscripts. Dr. Rice is a Fellow in the American College of Surgeons and a member of numerous medical societies, including the Society of University Surgeons; American Pediatric Surgical Association, Children’s Oncology Group; International Cell Transplant Society; American Academy of Pediatrics; and International Society of Surgery. He earned a bachelor’s degree from the University of Michigan and a medical degree from the Yale University School of Medicine. Prior to joining Duke Surgery in 1998, he completed a residency in general surgery at the University of Washington in Seattle, a research fellowship in fetal surgery at the University of California, San Francisco, and a clinical fellowship in pediatric surgery at Children’s Hospital of Buffalo.
Jane Richardson is a James B. Duke Professor of Biochemistry. She has spent more than 40 years working with her husband, David C. Richardson, Ph.D., to advance the understanding of the 3-D structure of proteins, including their description, determinants, folding, evolution, and control. The Richardsons were among the early pioneers in protein crystallography, helped start the field of protein design, and developed the molecular graphics system of kinemages. Ms. Richardson pioneered ribbon drawings to represent protein structures and was the first to describe many of the common features of folds and motifs, such as Greek key beta barrels, right-handed crossovers, and helix caps. She has been active in promoting molecular 3-D literacy and developed a new method to calculate hydrogen-atom contacts to visualize and quantify the details of packing interactions inside and between molecules. This work has applications in bioinformatics, RNA structure, and especially structural genomics. Ms. Richardson has been elected the 2012-2013 president of the Biophysical Society. A MacArthur Fellow and a member of the National Academy of Sciences, American Academy of Arts and Sciences, and Institute of Medicine, she served as a *Phi Beta Kappa* Visiting Scholar in 2002-2003. She holds a B.A. in philosophy from Swarthmore College, two master’s degrees, and three honorary degrees.

**Given by The Duke Endowment**

Created in 1953 by a special grant from The Duke Endowment, the James B. Duke professorships honor the late James Buchanan Duke, a North Carolina industrialist and philanthropist who was the principal benefactor of Duke University, Duke University Hospital, and the schools of medicine and nursing. The Duke professorships honor well-established members of the Duke academic community, regardless of field, who have achieved distinction as creative scholars.
Edward S. Orgain Professor of Cardiology

Howard A. Rockman, M.D., is the Edward S. Orgain Professor of Cardiology and a professor of medicine. He holds joint appointments in the departments of cell biology and molecular genetics. Dr. Rockman’s research interests focus on understanding the molecular mechanisms of cardiac hypertrophy and heart failure, with emphasis on the role of G protein-coupled receptors in the development of disease. His recent work in understanding the role of G protein-coupled receptor signaling in the pathogenesis of the failing heart has led to the discovery of two new signaling mechanisms for receptors in this class, the beta-adrenergic receptor and the angiotensin receptor. These discoveries have led to the development of novel drugs that act as classical antagonists for G-protein signaling while also stimulating cardioprotective signaling in the heart. Dr. Rockman’s passion for teaching and mentoring young scientists and medical students was recognized when he received Duke’s 2009 Master Teacher/Clinician Award and 2009 Outstanding Research Mentoring Award from the School of Medicine. Dr. Rockman has been elected to the Association of American Physicians and the American Society for Clinical Investigation. He was chosen to be the editor-in-chief of the prestigious Journal of Clinical Investigation from 2012 to 2017. He earned an M.D. from McGill University and completed a medical residency at the Montreal General Hospital and a cardiology fellowship at the University of California, San Diego.

Given by friends of Edward Orgain

Edward S. Orgain, M.D., joined the faculty of Duke University School of Medicine in 1934 as an instructor in medicine and physiology after training at Massachusetts General Hospital, where he published one of the first scientific papers about atrial fibrillation. In 1945, he became founding director of the Cardiovascular Diseases Service and started the Cardiovascular Diseases Fellowship Program. Dr. Orgain developed Duke’s first cardiovascular diagnostic unit and joined the faculty of the Division of Cardiology when it was established in 1967. He held positions in many state and national professional organizations and was honored with many distinguished service and teaching awards from Duke, the American College of Cardiology, and the American Heart Association. He retired in 1975, and this endowment was established in 1982 by Dr. Orgain’s friends, colleagues, students, and patients to support clinicians working to improve heart disease treatment.
Jefferson-Pilot Corporation Professor of Neurobiology

Allen D. Roses, M.D., is the Jefferson-Pilot Corporation Professor of Neurobiology. He also has served as founding director of the Joseph and Kathleen Bryan Alzheimer’s Disease Research Center, chief of the Division of Neurology, and director of the Duke Center for Human Genetics. Dr. Roses was one of the first clinical neurologists to apply molecular-genetics strategies to neurological diseases, and his Duke laboratory reported the chromosomal locations for more than 15 diseases, including several muscular dystrophies and Lou Gehrig’s disease. He also led the team that identified apolipoprotein E4 (APOE4) as the major susceptibility gene for common late-onset Alzheimer’s disease in 1992. In 1997, Dr. Roses left Duke to serve as senior vice president for genetics research at GlaxoSmithKline (GSK), where he supervised the translation of the APOE4 association, finding new metabolic pathways for Alzheimer’s disease, as well as new lead molecules for drug development. His research teams then completed the first pharmacogenetic clinical efficacy trial, identifying responsive and non-responsive patients in a large Phase IIB clinical trial. In 2008, Dr. Roses discovered a variant in the TOMM40 gene, an important mitochondrial gene located adjacent to APOE in the genome, that may be used to predict age of onset of Alzheimer’s disease. An alliance between Zinfandel Pharmaceuticals (Dr. Roses’ virtual company) and Takeda Pharmaceuticals is currently initiating a clinical trial to qualify the algorithm and test whether an established drug can be used to delay the onset of cognitive impairment. Dr. Roses’ GSK teams also performed proof-of-principle experiments for identifying genetic causes of serious adverse effects from drugs. This work culminated in the development of the first highly accurate predictive test for drug allergy. A pioneer in applying whole-genome analyses to several common diseases, Dr. Roses returned to Duke in 2007 to lead the Deane Drug Discovery Institute, which translates exploratory research into molecules suitable for translational medicine. He earned a B.S. in chemistry from the University of Pittsburgh and a medical degree from the University of Pennsylvania. He completed an internship at the Hospital of the University of Pennsylvania and a neurology residency at Columbia University before serving as chief resident in Duke’s Department of Neurology.

Given by Jefferson-Pilot Corporation

Jefferson-Pilot Corporation is a Fortune 500 company based in Greensboro, North Carolina, founded in 1968 from a merger of Jefferson Standard Insurance and Pilot Life Insurance. The company was acquired by Lincoln National Corporation in 2006. The merged company, operating under the brand name Lincoln Financial Group, is a provider of life insurance, annuity, retirement income security, and investment products and services for individuals, families, and employers. In 1987, Jefferson-Pilot Corporation established this endowment to support a professor in the field of neurobiology. The endowment was announced at a luncheon in honor of philanthropist Joseph M. Bryan, which was later followed by the groundbreaking for the Joseph and Kathleen Bryan Research Building.
Geoffrey D. Rubin, M.D., is a George Barth Geller Chair for Research in Cardiovascular Diseases, chair of the Department of Radiology, and radiologist-in-chief at Duke University Hospital. Dr. Rubin pioneered the use of spiral CT and multi-detector-row CT for imaging the cardiovascular system and has personally performed and interpreted more than 10,000 CT angiograms since 1991. In 1999, he founded the Radiology Section of Cardiovascular Imaging at Stanford University School of Medicine, serving as chief until coming to Duke in 2010. In 1996, Dr. Rubin co-founded Stanford University’s 3-D Medical Imaging Laboratory and served as its medical director. The 3-D Laboratory developed and assessed the clinical role of computer graphics and computer vision applications to the analysis of medical imaging data and eventually processed more than 10,000 clinical examinations each year. The 3-D Laboratory also served as the imaging core for three pivotal device trials, for which Dr. Rubin served as principal investigator: the Aneurx thoracic aortic stent-graft, the Cook Zenith TX2 endovascular graft, and the Biosense-Webster NaviStar ThermoCool Catheter for the radiofrequency ablation of paroxysmal atrial fibrillation. He currently serves as president of the Fleischner Society, the North American Society for Cardiovascular Imagers, and the Society for Computed Body Tomography and Magnetic Resonance; and chair of the Committee on Cardiovascular Imaging at the American College of Radiology. He has served as the principal investigator of two NIH RO1 grants focused on imaging and analysis of cardiovascular and pulmonary diseases. He has edited five books, including the recently published textbook, *CT and MR Angiography: Comprehensive Vascular Assessment*. Dr. Rubin earned a bachelor of science degree with honors from the California Institute of Technology in 1982, a medical degree from the University of California at San Diego in 1987, and completed radiology residency and body-imaging fellowship training at Stanford University in 1993, the year he joined the faculty of Stanford University School of Medicine.

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**Given by George Barth Geller**

George Barth Geller, M.D., was a general surgeon who practiced in New York and Florida. He had no connection to Duke University and never visited Durham, North Carolina. He was introduced to Duke by Fenner Douglass, a Duke professor of music and university organist, and his brother, John Douglass, an attorney. Dr. Geller established a series of endowments at Duke University School of Medicine in the late 1980s. When he died in 1992, an additional bequest helped to establish this endowment and several others.
John H. Sampson, M.D., Ph.D., is the Dr. Robert H. and Gloria Wilkins Professor of Neurosurgery; a professor of surgery; and the associate deputy director of the Preston Robert Tisch Brain Tumor Center. He also is a professor of pathology, immunology, and radiation oncology. Specially trained in the surgical resection of very complex brain tumors, Dr. Sampson currently focuses his clinical practice on treating patients with both benign and malignant brain tumors. He divides his time between his clinical practice and an active research laboratory that is investigating new modalities of direct brain-tumor infusion and immunotherapy. An internationally recognized neurosurgeon, Dr. Sampson has received a number of national and international awards and grants in recognition of his expertise in neuro-oncology, particularly in brain-tumor immunotherapy. He is active in several professional societies and organizations and serves on the editorial boards for the Journal of Neuro-Oncology, Journal of Neurosurgery, and World Journal of Clinical Oncology. He also is an associate editor of Neurosurgery. Dr. Sampson earned a bachelor of science degree in medicine and an M.D. from the University of Manitoba and completed a neurosurgery residency at Duke. He then completed research training under the internationally renowned Duke scientist, Darell D. Bigner, M.D., and Nobel Laureate Gertrude Elion.

Given by Michael I. Wilkins and Sheila M. Duignan

Robert H. Wilkins, M.D., was chief of the Division of Neurosurgery at Duke from 1976 to 1996. An internationally recognized expert in the field of neurosurgery and a prolific writer and editor, Dr. Wilkins was the founding editor of the journal Neurosurgery and served on numerous national professional scientific organization boards. At Duke, he completed an internship in 1960 and a neurosurgical residency in 1968. Mike Wilkins, the son of Dr. Wilkins and his wife Gloria, is the co-founder and manager of Kingsford Capital Management, L.L.C., and an accomplished author and artist. He and his wife, Sheila Duignan, established this endowment in 2004 to honor his parents on Dr. Wilkins’ 70th birthday. It supports a professor in neurosurgery.
**J. Alexander McMahon Professor of Health Policy and Management**

**Frank Sloan, Ph.D.**, is the J. Alexander McMahon Professor of Health Policy and Management and a professor of economics. He currently holds academic appointments in economics, public policy, business, nursing, and ophthalmology at Duke, and for five years, he led the Center for Health Policy, Law, and Management. Prior to joining the Duke faculty in 1993, Dr. Sloan chaired Vanderbilt University’s Department of Economics and Business Administration. His research interests include alcohol use and smoking prevention, long-term care, medical malpractice, and cost-effectiveness analyses of medical technologies. He also has a long-standing interest in hospitals, health care financing, and health manpower. The president-elect of the American Society of Health Economists, Dr. Sloan has served on several public and private national advisory groups. A member of the Institute of Medicine of the National Academy of Sciences, he has chaired committees on vaccine financing and cancer-control opportunities in low- and middle-income countries and on the treatment of uncertainty in environmental policy decision-making. He currently chairs an Institute of Medicine committee on geographic adjustment of Medicare payments. Dr. Sloan holds an undergraduate degree from Oberlin College and a Ph.D. in economics from Harvard University.

**Given by Duke University**

J. Alexander McMahon began working with Duke University Hospital officials in the late 1960s as president of North Carolina Blue Cross and Blue Shield and later as president of the American Hospital Association (AHA). In 1970, he joined the Duke University Board of Trustees and served as chair from 1971 to 1983. After he retired from the AHA in 1986, Mr. McMahon was appointed chair of the Duke University School of Medicine Department of Health Administration. When that department moved to the Fuqua School of Business in 1992, Mr. McMahon became executive-in-residence. He was a recipient of the Duke University Medal, the Distinguished Alumnus Award, and the Lifetime Achievement Award from the Fuqua School of Business. Mr. McMahon died in 2008, and this endowment was established by Duke University in his honor.
Ralph Snyderman, M.D., is a James B. Duke Professor of Medicine and chancellor, emeritus, of Duke University. He served as executive dean of the Duke University School of Medicine and was the first president and CEO of the Duke University Health System. Now in his 40th year as a member of the Duke faculty, Dr. Snyderman has been a Howard Hughes Medical Institute Investigator, chief of the Division of Rheumatology and Immunology, and a Frederic Hanes Professor of Medicine and Immunology. The award-winning investigator and visionary leader guided the institution through unprecedented challenges in health care while leading it to prominence as one of the country’s top academic medical centers. Dr. Snyderman was the chief architect of the Duke University Health System, one of the nation’s first fully integrated academic health systems. He is a past president of the Association of American Medical Colleges, a member of the Institute of Medicine, and a Fellow in the American Academy of Arts and Sciences. Dr. Snyderman earned a medical degree magna cum laude at State University of New York Downstate Medical Center and completed training at Duke University School of Medicine.

Given by The Duke Endowment

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Leonard D. Spicer, Ph.D., is a Duke University Distinguished Service Professor of Radiology and the founding director of the Duke Nuclear Magnetic Resonance Spectroscopy Center. Trained in physical chemistry, Dr. Spicer focuses on the study of structural biology and biophysics and was instrumental in bringing positron emission tomography and magnetic resonance imaging to Duke. He served as the inaugural chair of the Provost’s Advisory Committee on Academic Priorities after releasing “Crossing Borders: Interdisciplinary Planning for the Nineties,” a report based upon his 1988 self-study of Duke University. He also has served as elected chair of Duke’s Academic Council and as a faculty representative to both the Academic Affairs Committee and the Medical Center Affairs Committee of the Duke University Board of Trustees. Dr. Spicer has been honored for this work with the Duke University Award for Merit. The author of more than 100 scientific publications, he has chaired and served on NIH, National Science Foundation, and U.S. Department of Energy panels and review committees. He also contributed to a National Research Council Committee study of shared instrumentation resources in the United States, which generated the monograph “Midsized Facilities: The Infrastructure for Materials Research.”

Dr. Spicer graduated from the University of Michigan with honors and holds a Ph.D. from Yale. He completed postdoctoral work at the University of Washington in Seattle.
W. Lester Brooks Jr. Professor of Medicine

E. William St. Clair, M.D., is the W. Lester Brooks Jr. Professor of Medicine, chief of the Division of Rheumatology and Immunology, and professor in the departments of medicine and immunology. Dr. St. Clair’s primary research interests include the development of novel immunological therapies for rheumatoid arthritis, Sjögren’s syndrome, and systemic vasculitis. He is the principal investigator for the Duke Autoimmunity Center of Excellence, a project funded by the National Institutes of Allergy and Infectious Diseases (NIAID) and the deputy director for clinical affairs in the Immune Tolerance Network, a NIAID-funded consortium dedicated to the development of tolerance-inducing therapies in transplantation, allergy and asthma, and autoimmunity. Dr. St. Clair has authored more than 150 peer-reviewed articles, book chapters, and reviews. He recently completed a two-year term as president of the American College of Rheumatology (ACR) Research and Education Foundation and now serves as treasurer of the ACR. He earned his undergraduate degree from Duke University and holds an M.D. from West Virginia University. He completed an internship and residency in internal medicine as well as a rheumatology fellowship at Duke University Medical Center before joining the faculty.

Given by Dr. W. Lester Brooks Jr. and Patty Brooks

Dr. W. Lester Brooks Jr. was a 1947 graduate of Duke University School of Medicine. After continuing his training at Medical College of Virginia and at University Hospitals in Cleveland, Dr. Brooks and his wife Patty moved to Charlotte, North Carolina, where Dr. Brooks established a private practice as a family physician. In his retirement, he became an advocate for back pain research and established the Brooks Laboratory for Back Pain Research at Carolinas Medical Center in Charlotte. Dr. and Mrs. Brooks supported many areas at Duke University over the years, and in 2003, they established this endowment to support a faculty member in the field of rheumatology. Dr. Brooks died in January 2012.
James B. Duke Professor of Pediatrics

Joseph W. St. Geme III, M.D., is a James B. Duke Professor of Pediatrics, chair of the Department of Pediatrics, and a professor of molecular genetics and microbiology. Dr. St. Geme’s research focuses on the molecular basis of host-pathogen interactions involving pathogenic bacteria. His laboratory concentrates primarily on understanding the determinants of infection due to *Haemophilus influenzae*, a leading cause of childhood morbidity and mortality worldwide, and *Kingella kingae*, an emerging etiology of bone and joint infections in children. Dr. St. Geme has been honored with awards that include the March of Dimes Basil O’Connor Award, the American Heart Association Established Investigator Award, and the Squibb Award from the Infectious Diseases Society of America. He has been elected to the Society for Pediatric Research; the American Pediatric Society; the American Society for Clinical Investigation; the Association of American Physicians; the American Academy of Microbiology; and the Institute of Medicine of the National Academy of Sciences. Dr. St. Geme also has garnered teaching awards from medical students, residents, and graduate students and has received many *Best Doctors in America* citations. Prior to joining Duke in 2005, he served as director of Pediatric Infectious Diseases and co-leader of the Pediatrics Infection, Immunity, and Inflammation Research Unit in the Department of Pediatrics at Washington University in St. Louis. He earned a bachelor’s degree from Stanford University and a medical degree from Harvard Medical School before completing a pediatric residency and chief residency at the Children’s Hospital of Philadelphia and postdoctoral training in microbiology and infectious diseases at Stanford.

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Joseph W. and Dorothy W. Beard Professor of Experimental Surgery

Bruce A. Sullenger, Ph.D., is the Joseph W. and Dorothy W. Beard Professor of Experimental Surgery, a professor of surgery, and director of the Duke Translational Research Institute. Dr. Sullenger joined Duke’s faculty as an assistant professor of surgery and genetics, and from 2000 to 2003, he served as vice chair for research in the Department of Surgery. A recipient of the 2000 Duke University Medical Center Translational Medicine Award and the 1998 Azure De Ellis Research Grant for sickle cell disease research, he also was selected as a 1995 Sandoz Scholar. Dr. Sullenger graduated Phi Beta Kappa from Indiana University and from the Weill Cornell Graduate School of Medical Sciences at Cornell University, where he won the Vincent duVigneaud Prize and was the first-place winner in the research competition sponsored by the New York branch of the American Society of Microbiologists. While working as a postdoctoral fellow in the Department of Molecular Biology at Memorial Sloan-Kettering Cancer Center, Dr. Sullenger received a Damon Runyon-Walter Winchell Cancer Research Award, as well as the Julian R. Rachele Prize.

Joseph W. Beard, M.D., a graduate of Vanderbilt University School of Medicine, joined the Duke faculty in 1937. A year later, his research group, which included his wife, Dorothy Waters Beard, a graduate of Vanderbilt School of Nursing, developed the first usable vaccine for equine encephalomyelitis, an acute inflammation of the brain and spinal cord that once killed thousands of horses each year. Dr. Beard and his research group identified the viruses that cause leukemia in chickens and were the first to report tangible evidence of viruses associated with human leukemia. Dr. Beard was named a James B. Duke Professor of Surgery in 1946 and a professor of virology in 1965. He received the Borden Award for outstanding research in medicine from the Association of American Medical Colleges. Duke University established this professorship in 1974 to honor Dr. and Mrs. Beard and to promote research and understanding of surgery. Dr. and Mrs. Beard contributed through their estate plans.
James B. Wyngaarden
Professor of Medicine

Keith M. Sullivan, M.D., is the James B. Wyngaarden Professor of Medicine. A renowned expert in blood and marrow transplantation, Dr. Sullivan joined Duke in 1999 from the Fred Hutchinson Cancer Center and the University of Washington in Seattle, where he was a member of the Clinical Research Division and head of the Long-Term Follow-Up Program. His research focuses on the late effects of high-dose chemotherapy and stem-cell transplantation, graft-versus-host disease, and the use of transplantation as a treatment for sickle cell disease and autoimmune disorders. Dr. Sullivan has been named an Institute for Scientific Information Highly Cited Researcher in the clinical medicine category. He has been a member of the board of directors for the American Society of Hematology and the Foundation for the Accreditation of Hematopoietic Cell Therapy, and he served as president and a founding member of the American Society for Blood and Marrow Transplantation. An electee to the Association for American Physicians and a Fellow of the American Association for the Advancement of Science, Dr. Sullivan serves on the editorial boards of several publications, including Biology of Blood and Marrow Transplantation, Bone Marrow Transplantation, Blood Reviews, and Hem/Onc Today. He earned both undergraduate and medical degrees from Indiana University and completed training at the University of Washington in Seattle.

Given by friends of James B. Wyngaarden.

James B. Wyngaarden, M.D., was an associate professor of medicine with a joint appointment in biochemistry from 1956 to 1967. In 1967, he was named chair of the Department of Medicine and the first Frederic M. Hanes Professor of Medicine. In 1982, he was appointed director of the NIH, a position he held until 1989, and was known for coordinating the U.S. government’s strategy on HIV/AIDS. He also secured funds from Congress to initiate the Human Genome Project, and federal funding for the NIH more than doubled during his tenure. Dr. Wyngaarden was widely respected for his research on gout and co-authored five editions of the seminal textbook The Metabolic Basis of Inherited Disease. He is a member of the National Academy of Sciences, the American Academy of Arts and Sciences, the British Royal College of Physicians, and a recipient of the Duke Medical Alumni Association Distinguished Faculty Award and William G. Anlyan Lifetime Achievement Award. His friends established this endowment in 1985 to honor him. Dr. Wyngaarden lives in Durham.
**Alter Geller Professor for Research in Immunology**

Thomas F. Tedder, Ph.D., is the Alter Geller Professor for Research in Immunology in the Department of Immunology and co-director of the Duke Autoimmunity Center of Excellence. His research interests focus on the role of immune-system cells called B lymphocytes (B cells), which are the source of antibodies that help protect us from pathogens. In particular, Dr. Tedder’s studies focus on the cell-surface molecules and signal-transduction pathways that regulate B cell development and function. This information is necessary to understand B cell regulatory roles in immune responses—important to understanding how B cells influence autoimmune disease and give rise to malignancies such as leukemia and lymphomas. Using this knowledge, Dr. Tedder’s lab is developing drugs aimed at modifying B cell function and survival, with one drug from his lab currently undergoing international clinical trials in autoimmune disease and lymphoma. One of the most-cited authors in immunology for the past two decades, Dr. Tedder came to Duke in 1993 as a Stohlman Scholar of the Leukemia Society of America from the Dana-Farber Cancer Institute at Harvard University, where he was an assistant professor of pathology, a research fellow of pathology, and a Damon Runyon-Walter Winchell Fellow. He served from 1993 to 2008 as the founding chair of Duke’s Department of Immunology.

**Given by George Barth Geller**

George Barth Geller, M.D., was a general surgeon who practiced in New York and Florida. He had no connection to Duke University and never visited Durham, North Carolina. He was introduced to Duke by Fenner Douglass, a Duke professor of music and university organist, and his brother, John Douglass, an attorney. This endowment, named for his father, is one of a series that Dr. Geller established in the late 1980s. When he died in 1992, another bequest helped to establish several additional endowments.
**Wellcome Clinical Professor of Medicine**

**Marilyn J. Telen, M.D.**, is the Wellcome Clinical Professor of Medicine and chief of the Division of Hematology. She is also the director of both the Duke Comprehensive Sickle Cell Center and the Immunohematology Laboratory; associate director of the Duke Hospital Transfusion Service; and an associate professor of pathology. A recognized expert in the biochemistry and molecular genetics of blood-group antigens and red-cell membrane proteins, Dr. Telen seeks to advance the understanding of the mechanism and role of red-cell adhesion to endothelium in sickle cell disease (SCD); the molecular basis of blood-group antigen expression; and the interactions of erythroid membrane proteins with other cells and with the extracellular matrix. A 2010 Fulbright Scholar in Moscow, Dr. Telen has contributed multiple chapters to preeminent textbooks of hematology and transfusion medicine, served on editorial boards, and lectured worldwide. In 2008, she received the Distinguished Faculty Award from the Duke Medical Alumni Association. Dr. Telen holds an undergraduate degree, cum laude, from Vassar College and an M.D. from New York University’s School of Medicine. She came to Duke University Medical Center in 1980 for a fellowship in hematology and immunohematology and joined the Duke faculty in 1983.

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**Given by The Burroughs Wellcome Fund**

The Burroughs Wellcome Fund established this endowment in 1997 to honor the late R. Wayne Rundles, M.D., a 1940 graduate of Duke University School of Medicine and former chief of the Division of Hematology and Oncology. Dr. Rundles collaborated with 1988 Nobel Prize winners and Burroughs Wellcome scientists Gertrude Elion, Ph.D. (Hon.), and George Hitchings, Ph.D., in clinical investigations of compounds now routinely used in cancer chemotherapy.
Dennis J. Thiele, Ph.D., is a George Barth Geller Professor of Pharmacology and Cancer Biology and vice chair of the Department of Pharmacology and Cancer Biology. His research seeks to decipher how organisms regulate their growth, development, and proliferation by establishing and maintaining proper homeostatic control mechanisms for copper and iron. Dr. Thiele has served as a member of both the NIH Molecular Genetics B Study Section and the Wilson’s Disease Association medical advisory committee, and in numerous other organizational and advisory capacities. Prior to joining the Duke faculty in 2003, he served for 16 years on the faculty in the Department of Biological Chemistry at the University of Michigan Medical School. Dr. Thiele earned a bachelor’s degree in biology from the State University of New York College at Fredonia and a doctoral degree in microbiology and molecular genetics from the Department of Microbiology at the Robert Wood Johnson Medical School at Rutgers University. He completed postdoctoral training in the National Cancer Institute Laboratory of Biochemistry.

Given by George Barth Geller

George Barth Geller, M.D., was a general surgeon who practiced in New York and Florida. He had no connection to Duke University and never visited Durham, North Carolina. He was introduced to Duke by Fenner Douglass, a Duke professor of music and university organist, and his brother, John Douglass, an attorney. Dr. Geller established a series of endowments at Duke University School of Medicine in the late 1980s. When he died in 1992, an additional bequest helped to establish this endowment and several others.
James R. Urbaniak, M.D., is the Virginia Flowers Baker Professor of Orthopaedic Surgery. He served as chief of the Division of Orthopaedic Surgery from 1985 to 2002. Renowned as a pioneer in replantation and microvascular reconstruction of injured extremities, Dr. Urbaniak developed a technique for treating osteonecrosis of the femoral head in young patients using free-vascularized fibular grafting. He has performed this procedure on the hips of more than 3,000 patients from around the world. For more than 25 years, his research on microvascular reconstruction of the injured musculoskeletal system was sponsored by the NIH. Dr. Urbaniak has authored or co-authored 13 books and more than 300 peer-reviewed scientific articles. He has held numerous national leadership positions in orthopaedic surgery, including serving as chairman of the Board of Trustees for the Journal of Bone and Joint Surgery and as president of the American Society for Surgery of the Hand; American Society of Reconstructive Microsurgery; American Orthopaedic Association; Eastern Orthopaedic Association; Orthopaedic Research and Education Foundation; International Federation of Societies for Surgery of the Hand; and American Board of Orthopaedic Surgery. He has received numerous national and international awards for his lifetime scientific contributions to orthopaedic surgery. Dr. Urbaniak graduated from Duke University School of Medicine Alpha Omega Alpha in 1962. For the next two years he served as a lieutenant in the U.S. Medical Corps as an attending physician to the U.S. Senate and House of Representatives. After completing a surgical internship and an orthopaedic residency at Duke, he joined the faculty in 1969.


Lenox D. Baker, M.D., was a member of Duke University School of Medicine’s first four-year graduating class in 1934. After training in orthopaedics at Johns Hopkins, he returned to Duke in 1937 as an assistant professor of orthopaedic surgery and was named chief of the Division of Orthopaedic Surgery in 1938. Dr. Baker was a leader in state and national orthopaedic and cerebral palsy organizations and led the establishment of the North Carolina Cerebral Palsy Hospital in Durham. The hospital was later named the Lenox Baker Children’s Hospital, and Dr. Baker served as its medical director until his retirement in 1972. He also served as the team physician for Duke athletics for 30 years and was inaugurated into the North Carolina Sports Hall of Fame. This endowment was established in 1974 by Dr. Baker and his sons in memory and appreciation of their wife and mother, Virginia Flowers Baker, the daughter of Duke University President Robert Lee Flowers and Lilly Virginia Flowers. Dr. Baker died in 1995.
Xiao-Fan Wang, Ph.D., is a Donald D. and Elizabeth G. Cooke Professor of Experimental Oncology, professor of pharmacology and cancer biology, and director of the Molecular Cancer Biology Program. His current research is focused on revealing and elucidating the molecular mechanisms of TGF-ß signal transduction in animal models of human diseases; determining the mechanism of tumor progression and metastasis promoted by the activities of extracellular proteins secreted by many types of human tumors; and determining the signaling mechanism of cell-cycle checkpoint control in response to DNA damage and replication block. Dr. Wang hopes these studies will lead to the development of novel therapies, particularly for treating cancer. Dr. Wang serves on the editorial boards of scientific journals that include the Journal of Biological Chemistry. He also is the president-elect of the Society of Chinese Biologists in America. Dr. Wang’s honors include receiving the 1998 Stohlman Scholar Award from the Leukemia Society of America and being named a 2009 American Association for the Advancement of Science Fellow. Born in China, Dr. Wang was among the first groups of Chinese students sent to study biology in the U.S. He began his graduate training in transcriptional regulation of immunoglobulin genes during B cell development with Kathryn Calame, Ph.D., at the University of California at Los Angeles, where he earned a doctoral degree in biological chemistry and molecular biology in 1986. He then spent five years as a postdoctoral fellow under the guidance of Robert Weinberg, Ph.D., at the Whitehead Institute for Biomedical Research and the Massachusetts Institute of Technology, where he helped molecularly clone transforming growth factor ß (TGF-ß) type II and type III receptors.

Donald D. and Elizabeth G. Cooke Professor of Experimental Oncology

Donald D. and Elizabeth G. Cooke were both born in Patterson, New Jersey, where they first met in kindergarten. After earning a degree in mechanical engineering from Cornell University, Mr. Cooke served as a U.S. Navy lieutenant in World War I before returning home to work in his family’s business, The American Locomotive Company. During World War II, he worked in a Baltimore, Maryland, industrial plant that built furnaces and eventually became company president. Mrs. Cooke was the daughter of John W. Griggs, who served as governor of New Jersey and as U.S. Attorney General under President William McKinley. After Mr. Cooke retired in 1948, the couple moved to Pinehurst, North Carolina. After Mr. Cooke’s death, Mrs. Cooke became interested in cancer research and made a gift in 1979 to fund the Donald D. and Elizabeth G. Cooke Cancer Research Professor Fund. That endowment was divided in 2007 to establish two professorships for cancer research.
David S. Warner, M.D., is a professor of anesthesiology. He also is a professor in the departments of neurobiology and surgery. He joined the Duke faculty in 1994. In addition to being a practicing neuroanesthesiologist, Dr. Warner directs the Multidisciplinary Neuroprotection Laboratories and serves as vice chair for research in the Department of Anesthesiology. His research interests represent a broad platform of both laboratory and clinical programs focused on treatment of acute brain and spinal cord injury and advancing neuroanesthesiology. Current research is focused on highly translational preclinical development of therapeutics for acute brain injury using rigorous long-term outcome recovery models to define mechanisms of action and efficacy. Dr. Warner is a member of the editorial boards for Anesthesiology, Journal of Neurosurgical Anesthesiology, Neurocritical Care, and Therapeutic Hypothermia and Temperature Management. He is the 2005 recipient of the American Society of Anesthesiologists Excellence in Research Award, past-president of the Society for Neuroscience in Anesthesiology and Critical Care (SNACC), and the SNACC’s 2011 Distinguished Service Award recipient. Dr. Warner has directed postdoctoral research training with T32 awards since 1992 and received the 2011 Robert N. Sladen Teacher of the Year Award in the Department of Anesthesiology. He earned an M.D. at the University of Wisconsin School of Medicine and Public Health and trained at the University of Iowa and the Laboratory for Experimental Brain Research at the University of Lund in Sweden.
Kent J. Weinhold, Ph.D., is a Joseph W. and Dorothy W. Beard Professor of Surgery, a professor of immunology, director of the Duke Center for AIDS Research, chief of the Division of Surgical Services; and director of the Duke Translational Research Institute Immune Monitoring Core. Dr. Weinhold is a world authority in both evaluating candidate AIDS vaccines and working to translate basic research findings into novel strategies for AIDS vaccines. He also is renowned for his broad studies of the human cellular immune response, focused on understanding how individuals respond immunologically to viruses, bacteria, and tumor-associated antigens. His work is exemplified by his ability to link oncology and infectious diseases through studies of immune function, and he has worked to develop novel therapies for both infectious diseases and cancer. He was part of the research team that first revealed mechanisms by which tumor cells can be temporarily held in check by an active immune response. Studies of this “tumor dormancy” have revealed an immune activity that the Weinhold lab has shown is also present in patients infected with HIV-1. This immune activity can lead to regression of established experimental tumors. Dr. Weinhold is a member of the American Association of Immunologists, the American Association for the Advancement of Science, and the American Association for Cancer Research. He earned a bachelor’s degree in microbiology from Pennsylvania State University and a master’s degree in clinical microbiology and a doctoral degree in microbiology from Thomas Jefferson University. He completed postdoctoral training at Duke.

Joseph W. and Dorothy W. Beard Professor of Surgery

Kent J. Weinhold, Ph.D.

Joseph W. Beard, M.D., a graduate of Vanderbilt University School of Medicine, joined the Duke faculty in 1937. A year later, his research group, which included his wife, Dorothy Waters Beard, a graduate of Vanderbilt School of Nursing, developed the first usable vaccine for equine encephalomyelitis, an acute inflammation of the brain and spinal cord that once killed thousands of horses each year. Dr. Beard and his research group identified the viruses that cause leukemia in chickens and were the first to report tangible evidence of viruses associated with human leukemia. Dr. Beard was named a James B. Duke Professor of Surgery in 1946 and a professor of virology in 1965. He received the Borden Award for outstanding research in medicine from the Association of American Medical Colleges. Duke University established this professorship in 1974 to honor Dr. and Mrs. Beard and promote research and understanding of surgery. Dr. and Mrs. Beard contributed through their estate plans.

Given by Duke University, Joseph W. Beard, and Dorothy W. Beard
Nanaline H. Duke Professor of Genome Sciences

Huntington F. Willard, Ph.D., is the Nanaline H. Duke Professor of Genome Sciences, with appointments in the Department of Molecular Genetics and Microbiology and the Department of Biology. In 2002, he was appointed the first director of the Institute for Genome Sciences & Policy at Duke University. An internationally respected leader in the fields of human genetics and genomics, Dr. Willard’s research interests include genome sciences and their broad implications for medicine and society, human chromosome structure and function, epigenetic mechanisms of gene silencing, and the development of artificial human chromosomes for studies of functional genomics. Prior to joining Duke, Dr. Willard held faculty positions at the University of Toronto, Stanford University, and Case Western Reserve University, where he served as chair of the Department of Genetics from 1992 to 2001. He also served as director and president of the Research Institute of the University Hospitals of Cleveland from 1999 to 2002. Dr. Willard is a past president of the American Society of Human Genetics and past chair of both the Mental Retardation and Developmental Disabilities Research Committee and the Mammalian Genetics Study Section at the NIH. He also served on the advisory committee on genetics, health, and society for the secretary of the U.S. Department of Health and Human Services. Dr. Willard earned an undergraduate degree from Harvard University and a Ph.D. from Yale University.

Given by Duke University

Nanaline H. Duke was the second wife of North Carolina industrialist and philanthropist James Buchanan Duke and the mother of Doris Duke. Mr. Duke was the principal benefactor of Duke University, Duke University Hospital, and the schools of medicine and nursing. This endowment was created in 1982 to honor Mrs. Duke and was intended primarily to support promising young faculty members.
John D. York, Ph.D., is the Cancer Biology Professor of Pharmacology and Cancer Biology and a professor of biochemistry. Dr. York’s discovery-based and curiosity-driven science has garnered international attention in the field of cellular communication. His discoveries of pathways involved in producing and decoding chemical messengers in organisms and cells has led to new paradigms in the field. Dr. York is a cellular and molecular biochemist whose broad multidisciplinary approach has utilized yeast, fruit flies, and mouse models to study the underlying mechanisms of inositol phosphate cellular signaling. Inositol-derived signals are ring-shaped small molecules that have six arms that may be modified in any combination by the addition of phosphates. Theoretically, there are more than 700 possible members of the “code,” and Dr. York imagines that the exponentially complex pattern of messengers is malleable, thereby allowing for millions of unique instruction sets to emerge from this pathway. Basic science discoveries from his laboratory have led to the identification of disease genes and contributed to biomedical research. Dr. York also has been a faculty advocate for promoting discovery science through the Chancellor’s Science Advisory Council and the Provost’s Academic Programs Committee.

He earned a bachelor’s degree in biochemistry from the University of Iowa and a Ph.D. in molecular and cellular biology and biochemistry from Washington University in St. Louis. He was recruited to Duke in 1996 as an assistant professor in pharmacology with a secondary appointment in biochemistry.
Michael R. Zalutsky, Ph.D., is the Jonathan Spicehandler, M.D., Professor of Neuro-Oncology and a professor in the departments of radiology, radiation oncology, and biomedical engineering. His primary research interest is radiochemistry applied to cancer imaging and therapy—in particular, to malignancies of the central nervous system. A focus of his laboratory is harnessing the cytotoxicity of alpha particles for cancer treatment. Dr. Zalutsky’s honors and awards include the Berson-Yalow Award in 2005 and the 2007 Paul C. Aebersold Award for outstanding achievement in basic nuclear medicine science from the Society of Nuclear Medicine. He also received a 10-year MERIT Award from the National Cancer Institute in 1999 for his work in targeted radionuclide therapy and recently served on the National Academy of Sciences Committee to evaluate the state of science in nuclear medicine. Prior to coming to Duke, Dr. Zalutsky held academic appointments at the University of Chicago and Harvard Medical School. He earned an undergraduate degree from Clark University and a Ph.D. in chemistry from Washington University in St. Louis. He completed postdoctoral training at Argonne National Laboratory.

Jonathan Spicehandler, M.D., was an infectious disease specialist who led research and development for the drug maker Schering-Plough. Dr. Spicehandler was involved in developing some of the company’s most significant pharmaceutical products, including interferon, an anticancer and antiviral therapy; Claritin®, a non sedating antihistamine; and the cholesterol-lowering medications Zetia® and Vytorin®. Shortly after being diagnosed with a brain tumor, Dr. Spicehandler organized a golf tournament to benefit brain tumor research at Duke. He was a patient at the Preston Robert Tisch Brain Tumor Center before losing his battle with cancer in 2006. His personal pledge, coupled with proceeds from the golf tournament, established this professorship, and the golf tournament continues to support brain tumor research at Duke.
Endowed Professorships in the School of Nursing
Ruth A. Anderson, Ph.D., M.S.N., M.A., R.N., F.A.A.N., is the Virginia Stone Professor of Nursing in the Duke University School of Nursing and a Senior Fellow in the Duke Center for Aging and Human Development. Dr. Anderson’s research is dedicated to improving the management of nursing homes, and she is the first researcher to apply the alternate approach of complexity theory to nursing homes. Her work, which is recognized by consistent and significant external funding and a stellar publication record in top-tier scholarly journals, has revolutionized the understanding of many aspects of the nursing-home environment, including staff turnover, job satisfaction, staff-family relationships, and staff communication patterns and how they impact patient outcomes. Prior to Dr. Anderson’s work, researchers had limited understanding of ways to influence changes in care-delivery practices. Dr. Anderson is currently funded by the National Institute of Nursing Research to test the CONNECT intervention developed from her earlier research. The study is designed to help staff reduce patient falls in nursing homes. Throughout her career, Dr. Anderson mentored many doctoral students and junior faculty, and much of her research has involved interdisciplinary teams, helping to transform the way the research community thinks about designing care improvements. A Fellow of the American Academy of Nursing, Dr. Anderson earned a bachelor of science in nursing from Stockton State College. She received a master of science in nursing specializing in gerontological nursing; a master of arts in social gerontology from the University of Pennsylvania; and a Ph.D. in nursing from the University of Texas at Austin. She came to Duke in 1998.

Given by alumni and faculty of Duke University School of Nursing

Virginia Stone, Ph.D., R.N., F.A.A.N., established the nation’s first master of science degree program in gerontological nursing at Duke in 1965. Throughout her career, Dr. Stone advocated for recognition of the special health care needs of older adults. She helped develop standards of practice for gerontological nursing and twice served on the White House Council on Aging, establishing herself as a national leader in gerontology. She was elected a Fellow of the American Academy of Nursing. Dr. Stone died in 1993. In 1994, alumni and faculty of Duke University School of Nursing established this endowment to honor her.
Laurel Chadwick Professor of Nursing

Mary T. Champagne, Ph.D., R.N., F.A.A.N., is the Laurel Chadwick Professor of Nursing in the Duke University School of Nursing, a professor in the Department of Community and Family Medicine, and a Senior Fellow of the Duke Center for the Study of Aging and Human Development. Dr. Champagne served as dean of the Duke University School of Nursing from 1991 to 2004 and is highly regarded by colleagues for her leadership during this time. Her pioneering research and scholarly work, which focused on the assessment of confusion in the elderly patient and the translation of research to improve practice, have transformed measurement instruments in gerontological nursing across the country and around the world. Dr. Champagne served as the clinical nursing research specialist on the National Institute of Nursing Research-funded Disseminating Nursing Research Project, and her work has led the way to what we now know as evidenced-based practice. In recent years, Dr. Champagne has focused her attention on quality and safety and has chaired the Durham Regional Hospital Trustee’s Committee on Patient Safety and Clinical Quality. She also serves on the Duke University Health System Patient Safety on Clinical Quality Committee and collaborates with Duke University Hospital clinical nurse specialists on research of wound and ostomy care and quality of life. She is active professionally in Sigma Theta Tau International and the North Carolina Nurses Association, and is a member and past president of the Board of Directors of the North Carolina Center for Child and Family Health, which cares for children and families affected by trauma, abuse, and other forms of adversity. She is a Fellow of the American Academy of Nursing and is the co-editor of five books, each of which received the American Journal of Nursing Book of the Year Award. In 1995, she was honored with a Cameo Award for Outstanding Nurse Researcher from Sigma Theta Tau International. She is a recipient of the Honorary Alumna Award from the Duke University School of Nursing and the Distinguished Alumna Award from the University of Texas School of Nursing. Dr. Champagne holds a B.S.N. from San Jose State College and an M.S.N. and Ph.D. from the University of Texas at Austin.

Given by Harry R. and Laurel Chadwick

Laurel Chadwick, B.S.N.Ed., a 1953 graduate of Duke University School of Nursing, served for many years on the Nursing Advisory Board and is currently an emerita member of the Nursing Alumni Council. Her husband, Harry R. Chadwick, is a 1951 graduate of Trinity College and a 1953 graduate of Duke University School of Law. Their three children, Elaine, James, and Ann, and many of their grandchildren are Duke alumni. Their granddaughters, Amanda and Barbara, graduated from the Duke University School of Nursing in December 2005 and December 2011, respectively. The Chadwicks established this endowment in 2004 to fund a professor in the field of nursing with a preference for a faculty member specializing in gerontology.
Ann Henshaw Gardiner Professor of Nursing

Linda Lindsey Davis, Ph.D., R.N., D.P.-N.A.P., F.A.A.N., is the Ann Henshaw Gardiner Professor of Nursing in the Duke University School of Nursing and a Senior Fellow in the Duke Center for the Study of Aging and Human Development. Dr. Davis has had more than a decade of continuous federal funding from the National Institutes of Health to develop and test programs of community-based care for older adults managing stroke, Alzheimer’s disease, or Parkinson’s disease. She has published more than 70 papers and book chapters on aging, chronic illness, and family issues. Her R.U.R.A.L. model for community-based elder-care programs has been used by the U.S. Administration on Aging to guide the development of elder-care programs in rural communities and to influence elder-care law in 17 U.S. states. She is the principal investigator for a recently completed, five-year NIH-funded study of family care for elders with Alzheimer’s or Parkinson’s disease. Dr. Davis has held national leadership positions with the National Alzheimer’s Association, the TriServices Military Research Panel, and the American Nurses Foundation. She has also served as a member of various scientific review panels for the National Institute of Nursing Research. One of the first Robert Wood Johnson Nurse Fellows in Primary Care, Dr. Davis was elected to the National Academies of Practice (Nursing) in 1989 and as a Fellow of the American Academy of Nursing in 2007. In 2009, the Duke University School of Nursing presented her with the Distinguished Contributions to Nursing Science Award. Dr. Davis earned a bachelor’s degree from Old Dominion University, a master’s degree from the University of North Carolina at Chapel Hill, and a Ph.D. from the University of Maryland. She completed a primary care faculty fellowship at the University of Rochester.

Given by Duke University

One of five distinguished professorships established in 2004 by the Duke University School of Nursing, this endowment was created to honor Ann H. Gardiner, R.N., the School’s first faculty member. Ms. Gardiner worked closely with Bessie Baker, the School’s founding dean, to develop and implement the nursing curriculum. A graduate of Massachusetts General Hospital School of Nursing and Columbia University, she served on the faculty from 1930 to 1941 and died in 1982.
Helene Fuld Health Trust Professor of Nursing

Catherine Lynch Gilliss, D.N.Sc., R.N., F.A.A.N., is the Helene Fuld Health Trust Professor of Nursing and dean of the Duke University School of Nursing. She also is vice chancellor for nursing affairs at Duke University. A graduate of Duke’s undergraduate nursing program, Dr. Gilliss is the first alumna in the School of Nursing’s history to hold the position of dean at her alma mater. Described as a pioneer of the field of family nursing, Dr. Gilliss’ expertise in and contributions to the science of family nursing have revolutionized research in this field and have strongly influenced care for chronically ill patients and their families. Her scholarly works are considered groundbreaking, and several remain the preeminent resource for junior and senior nurse scientists. Her research interests include health disparities and translational science. Dr. Gilliss directs the Duke Translational Nursing Institute (DTNI), a core component of the Duke Translational Medicine Institute, which was established in 2006 with a clinical and translational science award from the NIH. The DTNI has as its mission improving patient outcomes through the development and use of evidence in the delivery of care. A governor-appointed member of the North Carolina Institute of Medicine, Dr. Gilliss is a member of the North Carolina Future of Nursing Action Coalition and serves on the Healthcare Innovation Program External Advisory Board at Emory University and the Scientific Advisory Board of the Programs in Global Health at Harvard University. Dr. Gilliss has served as president of the American Academy of Nursing, the National Organization of Nurse Practitioner Faculties, the Kappa Chapter of Sigma Theta Tau International, and the interdisciplinary Primary Care Fellowship Society. She is a member of many editorial boards, and her honors include receiving the Yale School of Nursing Medal; the International Society for Family Nursing’s Lifetime Achievement Award for Research; and being included on the University of California, San Francisco, (UCSF) Nursing Centennial Wall of Fame. Dr. Gilliss earned a bachelor of science in nursing degree from Duke and a master of science in nursing degree from the Catholic University of America. After earning an adult nurse practitioner (ANP) certificate from the University of Rochester, she went on to UCSF, where she earned a D.N.Sc. degree and completed a postdoctoral fellowship. Dr. Gilliss has received honorary degrees from Yale University and the University of Portland.

Given by Helene Fuld Health Trust Professorship

This endowment was established in 2002 by the Helene Fuld Health Trust to support a professor in the field of nursing in the Duke University School of Nursing. The endowment was part of a $6 million grant, at the time the largest in the School’s history, to create an accelerated bachelor of science in nursing degree program. In 1935, Dr. Leonhard Felix Fuld and his sister, Florentine, created a foundation in honor of their mother, Helene. In 1965, the foundation was converted to the Helene Fuld Health Trust, and in 1969, HSBC Bank USA, N.A. became its corporate trustee. Today, the Trust is the nation’s largest private funder devoted exclusively to supporting nursing students and nursing education.
Marcus Hobbs Distinguished Professor of Nursing

Diane Holditch-Davis, Ph.D., R.N., F.A.A.N., is the Marcus E. Hobbs Distinguished Professor of Nursing and associate dean for research affairs in the Duke University School of Nursing. Before joining the Duke faculty in 2006, Dr. Holditch-Davis served on the faculty at the University of North Carolina at Chapel Hill for more than 20 years and rose to the rank of Kenan Distinguished Professor of Nursing and director of the doctoral and post-doctoral programs at the UNC School of Nursing. Her research uses observation of parent-child interactions and infant sleep to determine long-term health and developmental outcomes of infants, particularly those who are premature, adopted, seropositive for HIV, or medically fragile, and the children of low-income, depressed mothers. Dr. Holditch-Davis has conducted intervention studies to reduce developmental delays and health problems in premature infants by improving maternal mental health and mother-infant relationships and encouraging mothers to use early intervention and health services for their infants. A Fellow of the American Academy of Nursing, Dr. Holditch-Davis has received numerous awards, including the 2006 Duke University School of Nursing Distinguished Contributions to Nursing Science Award, the March of Dimes North Carolina Maternal-Child Nurse of the Year Award, and the Award for Excellence in Research from the Association of Women’s Health, Obstetric, and Neonatal Nurses. The Southern Nursing Research Society also has honored her with its Distinguished Researcher and D. Jean Wood Awards. Dr. Holditch-Davis earned a B.S.N. magna cum laude from Duke University School of Nursing and both an M.S. in parent-child nursing and a Ph.D. in developmental psychobiology from the University of Connecticut.

Given by Duke University

Marcus E. Hobbs, Ph.D., was provost of Duke University from 1969 to 1970. In 1951, as chair of the chemistry department, Dr. Hobbs played an instrumental role in organizing the campus’s Office of Ordinance Research (OOR), which later became the U.S. Army Research Office. For his service as acting chief scientist of the OOR, Dr. Hobbs was awarded the Army’s Outstanding Civilian Service Medal. Dr. Hobbs also served as dean of the graduate school, dean of the university, vice provost, and provost before his retirement in 1970 as University Distinguished Service Professor, emeritus. In 1989, he was awarded the Duke University Medal and was the 1988 inaugural recipient of the Marcus Hobbs Award of the North Carolina Section of the American Chemical Society. Dr. Hobbs was also a charter member in 1958 of the Board of Governors of the Research Triangle Institute. Dr. Hobbs died in 2007, and Duke University established this professorship in his honor.
Barbara S. Turner, D.N.Sc., R.N., F.A.A.N., is the Elizabeth P. Hanes Professor of Nursing and director of the Duke University School of Nursing’s Doctor of Nursing Practice degree program. Following her retirement from the U.S. Army Nurse Corps, she established the Center for Nursing Research at Duke and held the position of associate director of research for 13 years. Dr. Turner has made significant contributions to knowledge about the care of newborns. Her research focuses on the effects of nursing interventions on critically ill newborns, including the use of exogenous surfactant, endotracheal suctioning, high-frequency ventilators, and airway management. She has published widely in journals, books, monographs, and computer-assisted instruction. Dr. Turner serves as a section editor for Heart & Lung: The Journal of Acute and Critical Care and as a reviewer for other nursing journals. She is active in the American Nurses Association, North Carolina Nurses Association, and Sigma Theta Tau International. Her military honors include being named Army Nurse of the Year and receiving the Dr. Anita Newcomb McGee Award from the Daughters of the Revolution, the Order of Military Medical Merit from the Surgeon General of the U.S. Army, and the Legion of Merit. Other honors and awards include being named a Fellow of the American Academy of Nursing, receiving the Juanita Long Community Service Award from Sigma Theta Tau International, and receiving the Duke University School of Nursing Distinguished Service Award. Dr. Turner earned graduate degrees in hospital administration and perinatal nursing from Webster College and the University of Colorado before earning a doctoral degree from the University of California, San Francisco.

Given by Elizabeth P. Hanes

Elizabeth P. Hanes was the wife of Frederic M. Hanes, M.D., member of the original Duke University School of Medicine faculty and chair of the Department of Medicine from 1933 until his death in 1946. Born Elizabeth Peck of Geneva, New York, she married Dr. Hanes in 1913. The couple had no children, and both of their residual estates were bequeathed to Duke University. This endowment was established in 1952 with the unexpended portion of a gift from Mrs. Hanes for construction of a dormitory and teaching facility for nursing students. The Elizabeth P. Hanes House, as it is still known, currently houses the Department of Community and Family Medicine, the Duke Area Health Education Center, and other medical center offices. Mrs. Hanes died in 1958.
Emeriti Professors

Winnifred Addison, M.D., Ph.D. Walter L. Thomas Professor of Obstetrics and Gynecology in the School of Medicine, emeritus

Jacob Blum, Ph.D. James B. Duke Professor, emeritus

H. Keith H. Brodie, M.D. James B. Duke Professor, emeritus

Oliver Colvin, M.D. William W. Shingleton, M.D., Professor of Cancer Research in the School of Medicine, emeritus

Irwin Fridovich, Ph.D. James B. Duke Professor, emeritus

Gordon Hammes, Ph.D. University Distinguished Service Professor, emeritus

Charles Hammond, M.D. E.C. Hamblen Professor of Reproductive Biology and Family Planning, emeritus

Diane Hatchell, Ph.D. Joseph A. C. Wadsworth Research Professor of Ophthalmology, emeritus

Robert Hill, Ph.D. James B. Duke Professor of Biochemistry, emeritus

Robert Jennings, M.D. James B. Duke Professor, emeritus

Wolfgang Joklik, D.Phil. James B. Duke Professor, emeritus

Samuel Katz, M.D. Wilburt C. Davison Professor of Pediatrics in the School of Medicine, emeritus

Brooks McCuen, M.D. Robert Machemer Professor of Ophthalmology in the School of Medicine, emeritus

Montrose Moses, Ph.D. R.J. Reynolds Professor in the School of Medicine, emeritus

Sheldon Pinnell, M.D. J. Lamar Callaway Professor of Dermatology in the School of Medicine, emeritus

Wendell Rosse, M.D. Florence McAlister Professor of Medicine in the School of Medicine, emeritus

Madison Spach, M.D. James B. Duke Professor, emeritus
Professorships to Be Appointed

Anesthesiology
Anesthesiology Professor 2, 3, and 4
Joannes H. Karis, M.D., Professor of Anesthesiology

Infectious Diseases
McGue Millhiser Family Assistant Professorship Fund

Chemistry
George Barth Geller Professor of Research in Chemistry

Nursing
Bessie Baker Professor of Nursing
Mary T. Champagne Professor of Nursing

Neurosurgery
Duke Surgery Professor of Neurosurgery
Allan Friedman, M.D., Professor in Neurosurgery
George Barth Geller Professorship of Research in Neurobiology

Obstetrics and Gynecology
Walter L. Thomas Professor of Obstetrics and Gynecology

Ophthalmology
Robert Machemer Professor of Ophthalmology
Joseph A.C. Wadsworth Research Professor of Ophthalmology 2

Occupational Medicine
Leonard J. and Margaret Goldwater Professor of Occupational Medicine

Oncology
Henry Friedman, M.D., Professor in Neuro-Oncology
James M. Ingram Professor of Gynecologic Oncology
William W. Shingleton, M.D., Professor of Cancer Research

Pediatrics
Dr. Glenn A. Kiser and Muriel C. Kiser Professor of Pediatrics II
Beverly C. Morgan Professor of Pediatrics Reproductive Biology and Family Planning
Edwin Crowell Hamblen Chair of Reproductive Biology and Family Planning
Kiser-Arena Professor of Pediatrics

Rheumatology
W. Lester Brooks Jr. Professor of Rheumatology

Sports Medicine
Frank H. Bassett III, M.D., Assistant Professor in Orthopaedic Sports Medicine

Surgery
Cary N. Robertson, M.D., Assistant Professor of Urologic Surgery
James Urbaniak Professor of Orthopaedic Surgery
William Glenn Young Jr. Eponymous Chair of Surgery

Other
Disque Deane University Professor
Lawrence C. Katz Eponymous Professor
Charles D. Watts Eponymous Professor

Professorships Not Fully Funded

Obstetrics and Gynecology
Haywood Brown, M.D., Professor in Women’s Health
Cuyler Professor of Obstetrics and Gynecology

Oncology
Sandra Coates Associate Professorship of Breast Cancer Research

Ophthalmology
M. Bruce Shields, M.D., Professor of Glaucoma Research and Treatment
Robert M. Sinskey, M.D., Professor of Ophthalmology

Pediatrics
C.L. and Su Chen Professor of Pediatric Genetics and Genomics

Pulmonology
M. Mitzi and T. Richard Herold Assistant Professor of Pulmonary Medicine
Herbert A. Saltzman Pulmonary Research Professor
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