



VANDERBILT

EMERITUS PROFESSORS

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Emeritus Professors

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Daniel H. Ashmead, Ph.D.

Professor of Hearing and Speech Sciences, Emeritus

Daniel H. Ashmead attended Brown University where he studied psychology as an undergraduate and received his bachelor's degree with honors. He then earned his doctor of philosophy in child psychology at the University of Minnesota and pursued postdoctoral training at the University of Massachusetts. He came to Nashville in 1984 and has served Vanderbilt University and Vanderbilt University Medical Center with exceptional skill and dedication for more than thirty years, making innumerable contributions to the profession of communication disorders. His primary area of research has been spatial hearing in several contexts, including its development in human infants, its role in spatial orientation by persons with visual impairments, and the effects of hearing aids and cochlear implants on sound localization. His most recent work has focused on auditory motion perception as it relates to the real world task of road crossing by pedestrians, including those with significant visual impairments.

Prodyot (P.K.) Basu, D.Sc.

Professor of Civil and Environmental Engineering, Emeritus

Prodyot K. Basu is a fellow of ASCE and SEI and holds a professional engineer license in the State of Tennessee. He served as a senior member of AIAA and full member of ASME, ACI, US/IACM, ACM, Sigma-Xi, SSRC, and other organizations. His professional and research contributions are in different aspects of performance and integrity of various components of interest in structural, mechanical, aeronautical, and environmental engineering. He has also undertaken research work in electrical sensors, biomechanics, and musical string instruments. His research spans both in-lab and in-situ experimental investigation, development of analytical procedures, and implementing multi-scale numerical simulation schemes. He is particularly known for his seminal contributions in modeling and simulation of structures and components, especially based on domain discretization methods including hp-versions of finite element, boundary element and wavelet methods. He has made significant contributions in areas such as strength and stability of steel and concrete structures against natural elements; air and underwater blast and impact resistance of structures; real-time infrastructural health monitoring including diagnosis, prognosis, and restoration; adaptive structural control; artificial intelligence; and high-performance transportation structures. He has been a member of ASCE since the 1960s. He has served on many technical and organizational committees of national and international professional organizations.

Professor Basu has more than 250 publications and has guided the research of more than twenty-five doctoral students and quite a few master's students. He received sponsored research funding from various agencies including the National Science Foundation, the Federal Highway Administration, the Electric Power Research Institute, the AAR, the Air Force Research Laboratory, the Tennessee Department of Transportation, and more.

In the past, he has served as a faculty member at the oldest (est. 1856) engineering school in British India (currently, National Institute of Engineering, Science, and Technology, a premier university for higher education), where he received his graduate degree. Interestingly, both his grandfather and father were civil engineering graduates of the same school. Professor Basu's full-time teaching career started in 1963. Over the years, he has taught almost all the traditional courses in civil engineering at the undergraduate level and structural mechanics-oriented courses at the graduate level. While serving as a faculty member at the National Institute, he also served as officer-in-charge of Rural Housing, Eastern Wing (one of the four regions of India with a population close to 175 million). At Washington University in St. Louis, first he doubled as a doctoral student and faculty member beginning in the early 1970s.

He also served as associate director and then director of the Center for Computational Mechanics, Washington University. In 1984, he joined the Vanderbilt School of Engineering faculty in the Department of Civil and Environmental Engineering, where he also served as director of graduate studies in civil engineering for a number of years. At all these universities, he served at department, school, and university levels, including at Vanderbilt, where he served on the Faculty Senate and chaired a major committee.

His lifelong hobbies have been stamp collecting, rare coin collecting, and astronomy. The latest addition to this list is personal drones for remote sensing. He has been an ardent fan of developments in digital computers beginning in the late 1950s when he had the opportunity to undertake machine-language programming using punched paper tape on the first digital computer built in India under the auspices of the Indian Statistical Institute and Jadavpur University. Although this experience was not really exciting, he soon realized the real power of digital computing, using the earliest generation of computers—IBM 1620, IBM 7090, IBM 1420, and others, requiring the use of high-level and assembler languages. He used one of the earliest massively parallel supercomputers (Thinking Machine Corporation's CM-5 at ORNL) and undertook hard parallel coding of an hp-version finite element numerical modeling scheme. He used the Apple II microcomputer to create an automated soil mechanics laboratory for running experiments on different testing machines, including an automatic data acquisition process, with help provided by Steve Jobs himself. This was perhaps the first such use of a microcomputer in an academic setting. Having lived through all the stages of the computer revolution, Professor Basu developed a passion for assembling computers of different capabilities and capacities, which occupied too much of his time at home, inviting the wrath of his wife who thought he was wasting both his time and his money on some useless activity. He personally assembled all his home computers, and there were quite a few of them, all networked. His attempts to put together a laptop, however, did not come to fruition. Since 1999, he has become a healthy-living freak by practicing yoga and vigorous workouts six days a week. For stricter control on his way of life, he took charge of his own cooking. For this he is thankful to his wife, who always believed in healthy eating.

Margaret Mendenhall Blair, Ph.D.

Professor of Law and Milton R. Underwood Chair in Free Enterprise, Emerita

Margaret Mendenhall Blair is completing sixteen years of service on the Vanderbilt Law School faculty, beginning with an appointment as a visiting professor in 2004/2005 and then her appointment as a professor of law in fall 2005. In 2010, she was appointed to the Milton R. Underwood Chair in Free Enterprise. She had previously taught at Georgetown University Law Center, where she became a visiting professor in 1996 and served as a Sloan Visiting Professor and as research director for the Sloan-GULC Project on Business Institutions from 2000 through June 2004. Professor Blair has also been a senior fellow in the Economic Studies Program at the Brookings Institution, where she directed research and wrote about corporate governance and the role of human capital in corporations.

Starting in 1973 before she went to graduate school, she worked as a journalist in Houston, Texas, and, from 1977 to 1982, she was a reporter and bureau manager for *Business Week* magazine. She received her doctor of philosophy, master of philosophy, and master of arts (economics) from Yale University.

Professor Blair is an economist who specializes in corporate law and finance. Her current research focuses on five areas: team production and the role of corporate boards of directors, the legal concept of “personhood,” the historical treatment of corporations by the Supreme Court, the role of private-sector governance arrangements in contract enforcement, and the problem of excessive leverage in financial markets.

As a notable scholar, Professor Blair has an exceptional record of scholarship, scholarly influence (as measured by both citation count and downloads), and an international reputation in her field. She has written or edited a dozen monographs, including seven published by Brookings and four published by the Georgetown University Press. Perhaps the best known of these monographs is *Ownership and Control: Rethinking Corporate Governance for the Twenty-First Century*. Published in 1995, this book received an academic book publisher award and has been translated into Chinese and republished by the Chinese Social Science Publishing House. Professor Blair has also published more than thirty articles in law reviews, peer-reviewed journals, and professional publications, including the *University of Pennsylvania Law Review*, the *UCLA Law Review*, the *University of Virginia Law Review*, and the *William and Mary Law Review*.

Professor Blair has devoted substantial time to professional service, sitting on multiple boards and refereeing for multiple journals. At Vanderbilt, Professor Blair has served as a member of the university’s Faculty Senate, chaired an ad hoc renewal and promotion committee, and served as a member of the Faculty Appointments

Committee. She also has served as a core member of the Law & Business Program faculty. Outside Vanderbilt, Professor Blair was on the board of directors of Sonic Corporation from 2001 to 2006 and currently is on the boards of WRAP (Worldwide Responsible Accredited Production) and ESI (Ethical Shareholders Initiative).

Darryl J. Bornhop, Ph.D.

Professor of Chemistry, Emeritus

Darryl J. Bornhop earned his bachelor of science (1980) and master of arts in chemistry (1982) from the University of Missouri, Columbia and his doctor of philosophy (1987) at the University of Wyoming. After five years in the private sector, developing surgical imaging tools and other laser-based technologies, he joined the chemistry and biochemistry faculty at Texas Tech University. In 2002, Professor Bornhop moved to Vanderbilt University, remaining there for seventeen years as a professor of chemistry and core member of the Vanderbilt Institute of Chemical Biology and the Vanderbilt Ingram Cancer Center.

Professor Bornhop's interdisciplinary research program was driven to deploy personalized/precision medicine. He melded chemistry, biophysics, chemical biology and medicine to invent nanoscale sensing tools and a paradigm-shifting free solution assay approach that addresses intractable pharmacologic, biochemical detection, and molecular imaging problems. This research gained him recognition as an American Association for the Advancement of Science fellow. He holds more than thirty patents and published eight book chapters and 122 peer-reviewed papers, including contributions in *Science*, *Nature Biotechnology*, and the *Proceedings of the National Academy of Sciences*. Professor Bornhop was a Whitaker Fellow, a recipient of the Vanderbilt University Chancellor's Research Award, and an ALA Innovator Award finalist.

He has been a visiting professor at Risø Denmark, Freie Universität Berlin, Institut de Biologie et Technologies, and University of Melbourne Chemistry in Australia. Professor Bornhop has served on the Society for Molecular Imaging Council and the editorial boards of the *Journal of Biomedical Optics* and *Bioconjugate Chemistry*, and has chaired or co-chaired forty-five symposia. He co-founded Molecular Sensing, Inc., and Meru Biotechnologies and has advised Pfizer, Dow Chemical, Spectra Physics, Spectros Co., and Applied Biosystems, Inc.

Professor Bornhop served on the Faculty Senate and numerous student committees and faculty recruitment committees. He taught Analytical Chemistry, Laser Spectroscopy, Biomedical Imaging and Analytical Separations. He mentored sixteen doctor of philosophy and eleven master of science students, supervised twenty-seven postdoctoral students, and oversaw research projects for forty-eight undergraduate and eleven high school students under both National Science Foundation Research Experiences for Undergraduates and the Howard Hughes Research Program.

Thomas F. Cleveland, Ph.D.

Professor of Otolaryngology—Head and Neck Surgery, Emeritus

From the moment his voice changed, Thomas Cleveland knew that voice would be a major part of his field of study. During the pursuit of his master's degree, he discovered a great interest in voice production, acoustics, and anatomy. His dissertation, developed at the Royal Institute of Technology in Stockholm, Sweden, presented the first explanation of why singing voices were divided into the specific categories of bass, baritone, and tenor. This study, published in the *Journal of the Acoustical Society of America* in 1977, only whetted his appetite for more knowledge regarding vocal function in singers. After teaching vocal acoustics and anatomy, and singing and voice methods at the University of Southern California for sixteen years, Professor Cleveland came to the Vanderbilt Voice Center to establish and direct a therapeutic program of voice intervention for singing voice problems, the first real program of its kind in the United States. Advanced research by Professor Cleveland and colleagues established a stronger scientific basis for pedagogical approaches to singing voice therapy. Modifying a therapeutic approach introduced in the early 1900s, he presented a treatment protocol for muscle tension dysphonia that has proven to be the go-to treatment protocol for both singers and speakers, successfully treating hundreds of Vanderbilt Voice Center patients and serving as a model for other centers. Vanderbilt Voice Center is recognized as one of the leading voice clinics in the world. Professor Cleveland's major career emphasis on education has allowed him the opportunity to address many of the premier voice conferences, in academic settings and in the professional voice community in the United States and internationally. Twenty-eight years of Vanderbilt residents, laryngology fellows, and colleagues have benefited from Professor Cleveland's teaching in recognition and treatment of voice problems and general knowledge in voice acoustics.

Bruce K. Cooil, Ph.D.

Dean Samuel B. and Evelyn R. Richmond Professor of Management, Emeritus

Bruce Cooil is a renowned statistician whose models and research have been used widely in business and management, communication, applied psychology, psychometrics, health care, and the natural sciences. He graduated from Stanford University with a bachelor of science in mathematics in 1975 and a master of science in statistics in 1976, and then earned his doctor of philosophy in statistics from the Wharton School, University of Pennsylvania, in 1982.

Professor Cooil has worked with health care organizations, including HCA and the Monroe Carell Jr. Children's Hospital at Vanderbilt, to provide models for the delivery of more effective health care services and forecasts of mortality and morbidity rates. In the area of marketing research, he has worked with Ipsos Loyalty and AT&T. He has also written and consulted on medical malpractice and automobile insurance claims and indemnities, and he has developed predictive insurance models for AARP and the Robert Wood Johnson Foundation.

In medicine, Professor Cooil and his collaborators have developed a significantly more accurate "volumetric" measure of coronary calcification by electron beam tomography. This approach has been shown to significantly reduce the rate of mortality and morbidity from coronary heart disease while providing substantial cost savings. For his collaborative work on the Net Promoter metric, he and his collaborators have received the H. Paul Root Award from the Marketing Science Institute. He has also developed reliability estimators for qualitative data that are used widely in business and management, communication, applied psychology, psychometrics, health care, and the natural sciences.

Professor Cooil is a former president of the Stanford Alumni Association of Tennessee and has served as council representative for the American Statistical Association's Section on Statistics in Marketing and on the American Statistical Association's Council of Sections Fiscal Oversight Committee.

He has more than seventy publications in leading business, statistics, and medical journals, such as the *Journal of Marketing Research*, the *Journal of Marketing*, *Marketing Science*, *Psychometrika*, the *Journal of the American Statistical Association*, *Annals of Probability*, *Circulation*, and the *New England Journal of Medicine*, and in management publications such as the *Harvard Business Review* and *MIT Sloan Management Review*. He is also a co-author of the textbook *Statistics for Applied Problem Solving and Decision Making*, with R. J. Larsen and M. L. Marx.

Professor Cooil's broad fields of interest are statistical inference and decision models for business and health care. His specific interests include the adaptation of latent class and grade-of-membership models for business and medical research, qualitative data reliability, large sample estimation theory, and extreme value theory.

Jeffrey M. Davidson, Ph.D.

Professor of Pathology, Microbiology, and Immunology, Emeritus

Jeffrey M. Davidson received his bachelor of science from Tufts University, a master of science and doctor of philosophy from Stanford University, and postdoctoral training at the University of Washington with the late Paul Bornstein. Before he was recruited in 1986 to the Department of Pathology at Vanderbilt University Medical Center, his previous professional positions were with Ronald G. Crystal as a senior staff fellow at the NHLBI and as an assistant and then associate professor at the University of Utah, where he also was appointed to the VA (1981–2017). In this latter capacity, he was awarded a prestigious senior research career scientist position.

He has published nearly 200 articles (h-index: 54) and more than forty book chapters and reviews on connective tissue biochemistry and wound healing, frequently with Vanderbilt collaborators. His federally funded research for the past thirty-eight years has investigated the role of growth factors in age- and diabetes-related healing defects, gene therapy of wounds, biomaterial-tissue interactions, and signaling processes in wound repair.

Professor Davidson has served on numerous public and private advisory panels, and, throughout his career, he has had an extensive series of scientific collaborations and consultancies with the pharmaceutical and biotechnology sectors. He was chair of the NIH Pathobiochemistry Study Section, and he has regularly served on NIH Integrated Review Groups. He is past president of the Wound Healing Society and the American Society for Matrix Biology (ASMB). He currently serves on the editorial boards of *Wounds*, *Matrix Biology*, and *International Wound Journal*. He became editor in chief of *Wound Repair and Regeneration* in 2015.

He founded the Gordon Research Conference on Tissue Repair and Regeneration, co-founded the Innovations in Wound Healing meeting (chair, 2015), and organized the Gordon Research Conference on Elastic Tissue, a Keystone Conference on wound healing, and the 2012 meeting of the ASMB. He is currently a member of program committees for Innovations in Wound Healing and the Symposium on Advanced Wound Care.

Emmanuele DiBenedetto, Ph.D.

Centennial Professor of Mathematics, Emeritus

Emmanuele DiBenedetto received his Laurea from the Università di Firenze in Italy in 1975, and his doctor of philosophy from the University of Texas, Austin, in 1979. He held a postdoctoral position at the University of Wisconsin from 1979 to 1980 and a Vaclav-Hlavaty tenure-track assistant professor position at Indiana University from 1979 to 1984, and was then an associate professor and professor at Northwestern University from 1984 to 2000. From 1987 to 1999, he also held an appointment as a professor of classical mechanics at the University of Rome, Tor Vergata, in Italy. He came to Vanderbilt as a Centennial Professor of Mathematics in 2000 and was appointed a professor of molecular physiology and biophysics in 2001. He served as director of the Vanderbilt University Medical Center-funded Biomathematics Study Group at Vanderbilt from 2000 to 2005.

Professor DiBenedetto's work involves the study of partial differential equations, particularly those of elliptic and parabolic type. He also has research interests in the area of mathematical biology. Over his career, he has written more than 120 papers, with more than 50 of them written during his time at Vanderbilt. He heads two active teams of researchers from around the world, one on biomathematics of visual transduction, and one on singular and degenerate parabolic equations. These teams spend significant time each year at Vanderbilt. He also wrote six books, including both textbooks and research monographs. Two of his books have been translated into Chinese. He was listed as a highly cited researcher by the Institute for Scientific Information. He was awarded one U.S. patent, which is not a common accomplishment for mathematicians. His work has been supported by many external grants from the National Science Foundation, the National Institutes of Health, and other funding agencies. From 1991 to 2000, Professor DiBenedetto served as editor-in-chief of the *Journal on Mathematical Analysis* of the Society for Industrial and Applied Mathematics. In addition he has served on more than twenty editorial boards and given numerous invited talks. He has also organized several conferences and a number of sessions at conferences.

Professor DiBenedetto's service to Vanderbilt University includes a term on the Graduate Faculty Council, and he acted as secretary of that body. He also served on the Faculty Council of the College of Arts and Science and a number of departmental committees. Professor DiBenedetto was a mentor to more than five graduate students and fifteen postdoctoral fellows, now working across various branches of pure and applied mathematics. During his time at Vanderbilt, Professor DiBenedetto supervised four postdoctoral fellows or visiting associates and two graduate students.

Tom D. Dillehay, Ph.D.

Rebecca Webb Wilson Chair and University Distinguished Professor of Anthropology and Religion and Culture, Emeritus

Tom D. Dillehay put Vanderbilt on the map as a leading center for South American archaeology. He is renowned for having excavated the oldest human settlement in the Western Hemisphere, at Monte Verde, Chile. His discoveries brought a paradigm shift in thinking about the prehistory of the Americas by showing that people migrated into the Americas thousands of years earlier than previously thought and spread far south from the Bering Strait. His archaeological work in Chile, Peru, and elsewhere has opened new insights into long-term human-environment interactions related to climate, plant domestication, and political and economic transformations. A prolific scholar, he has published twenty-five books and more than 400 articles and book chapters, winning the most prestigious national and international awards in the field multiple times.

After arriving at Vanderbilt in 2004, Professor Dillehay soon became department chair, a role in which he led the program's growth in Andean and South American archaeology. His teaching was especially impactful in graduate education; he has trained and mentored dozens of students in Latin America and in the United States. The course he taught in research design was a challenging rite of passage that helped nearly every student who passed through it compete successfully for national research grants. His interdisciplinary breadth has been a role model for scholarship of the highest caliber, as Vanderbilt recognized by presenting to him the Joe B. Wyatt Distinguished University Professor Award in 2013.

Professor Dillehay's ethical commitments take his work beyond academics into service to the indigenous communities, Latin American universities, and academics with whom he collaborates. He has contributed his expertise to support the struggles of the Mapuche in Chile and other native peoples for land and legal rights and protections for sacred landscapes and environmental and cultural heritage resources.

Professor Dillehay is a member of the American Academy of Arts and Sciences and the Chilean Academy of Sciences, and is a UNESCO representative for Latin America.

Mark E. Frisse, M.D., M.B.A.

Professor of Biomedical Informatics, Emeritus

Mark Frisse's work focuses on the intersections between health care informatics, economics, policy, and health care transformation. His primary research is directed toward an understanding of economic sustainability and toward the development of technical and administrative measures to enable effective care coordination and to ensure the integrity of security and privacy efforts.

Dr. Frisse received his doctor of medicine and master of business administration from Washington University and a master of science in medical information science from Stanford University. A board-certified internist and international expert in biomedical informatics, he founded the Medical Informatics Laboratory within the Department of Medicine and rose to associate dean while at Washington University. He was recruited to Vanderbilt University as the Accenture Professor of Biomedical Informatics and a professor of medicine in 2004.

At Vanderbilt, Dr. Frisse led the nationally funded effort to create a health information exchange in and around Memphis. His leadership in this area resulted in appointments on the State of Tennessee Governor's eHealth Committee and active participation on numerous national committees. Dr. Frisse has authored or co-authored more than sixty peer-reviewed publications, book chapters, and textbooks. He was associate editor for the *Journal of the American Medical Informatics Association*, the premier journal in biomedical informatics.

Within the Department of Biomedical Informatics, Dr. Frisse has developed two novel graduate-level courses, for which he received the Outstanding Educator Award. His national reputation as a scholar in the field led to an invitation to teach in Dartmouth/Tuck's eighteen-month Master's in Health Care Delivery Science program.

He has received several major awards since 2004, including the American Medical Informatics Association's Don Eugene Detmer Award for Health Policy Contribution in Informatics and the Washington University School of Medicine's Alumni Achievement Award. He was elected a fellow in the New York Academy of Medicine and, in 2014, to the National Academy of Medicine.

Vivien G. Fryd, Ph.D.

Professor of History of Art, Emerita

Vivien Green Fryd has been introducing Vanderbilt students to the history of American art and to feminist art history for more than three decades. After receiving her doctor of philosophy in art history from the University of Wisconsin–Madison in 1984, she joined the Vanderbilt faculty as an assistant professor of history of art in 1985. In 1992, she was promoted to the rank of associate professor and, in 2003, to professor. Vivien Fryd has been a major contributor to the Department of History of Art, the College of Arts and Science, and Vanderbilt University in her roles of scholar, teacher, and administrator.

Professor Fryd stands as one of the foremost scholars of American art. Her contributions to the literature on nineteenth-, twentieth-, and twenty-first-century American art have been groundbreaking and lasting. Her first monograph, *Art and Empire: The Politics of Ethnicity in the United States Capitol, 1815-1860* (Yale University Press, 1992; reprint in paperback, Athens: Ohio University Press, 2000), is the definitive study of the decorative program of one of the most recognized buildings in the United States. Her subsequent book, *Art and the Crisis of Marriage: Georgia O'Keeffe and Edward Hopper* (University of Chicago Press, 2003), established Professor Fryd as a major scholar of modern, twentieth-century art. She has been a prolific author of articles in the foremost journals in art history, dealing with artists from Hiram Powers to Georgia O'Keeffe to Kara Walker, and beyond. Professor Fryd's most recent book—*“Against Our Will”: Sexual Trauma in American Art Since 1970* (Penn State Press, 2019)—is perhaps her most important contribution to feminist art history.

Professor Fryd served as chair of the Department of History of Art from 2009 to 2012. On a national level, she has played an important role in the American Studies Association and was president of its Visual Culture Caucus from 2005 to 2008.

Marie R. Griffin, M.D., M.P.H.

Professor of Health Policy, Emerita

Marie R. Griffin is an internationally recognized epidemiologist and scholar. Her research interests include the safety and effectiveness of drugs and vaccines, program evaluation, and methods in pharmacoepidemiology. She is among the nation's most capable and distinguished academic practitioners of public health and has had an enormous impact on mentoring and public health education.

Dr. Griffin has more than 300 peer-reviewed publications and has made seminal contributions to the vaccine science and public health literature. Her research has impacted policy and advanced some of the most important challenges and controversies in the field of vaccines and public health over the last several decades. Her work was the first to quantify the risks of influenza for pregnant women and was pivotal in the universal recommendation of influenza vaccine for all individuals in the United States over six months of age.

Dr. Griffin joined the faculty at Vanderbilt as an assistant professor in 1986 and has risen through the ranks to professor. She was one of the first women who chose the tenure track in the Medical Center and soon became a role model for other women interested in becoming research scientists. She co-founded the Master of Public Health program, which admitted its first students in 1996, and served in many roles before becoming the director in 2014. Many can attest to the consistent support that Dr. Griffin has for the professional and personal development of all her trainees.

Dr. Griffin is the recipient of many awards and honors including the Grant W. Liddle Award for Outstanding Contributions to Research at Vanderbilt University Medical Center, the Association for Clinical and Translational Science Distinguished Investigator Award for Translation from Clinical Use into Public Benefit and Policy, and the Mary Jane Werthan Award for Advancement of Women at Vanderbilt.

Barbara Hahn, Dr. phil.

Max Kade Foundation Chair and Professor of German Studies, Emerita

Barbara Hahn's work over the last three decades has no equal in approaching poetry as a mode of thought and academic scholarship as a place to think poetically. Her passion for investigating the intellectual creativity of literary expressions parallels her persistent emphasis on the transformative claims literary texts make on their readers. In her work, philology and philosophy, rigorous attention to interpretative details and to historical contexts always go hand in hand. As a foremost international scholar of German literature from the eighteenth to the twentieth century, Barbara Hahn has engaged countless students and colleagues in truly inspiring conversations about the power of thinking and writing amid challenging times.

Professor Hahn was trained at the Free University in Berlin and Philipps University in Marburg, Germany. Before joining Vanderbilt University in 2004 as a distinguished professor of German, she served as a research associate at Hamburg University and as a professor at Princeton University from 1996 to 2004. In 2016, Professor Hahn was named the inaugural Max Kade Foundation Chair in German Studies at Vanderbilt University. She has published widely on German-Jewish culture and on important figures in the world of German letters, such as Rahel Levin Varnhagen, Friedrich Nietzsche, and Franz Kafka. In 2008, she received a prestigious Guggenheim Fellowship to work on Hannah Arendt, one of the preeminent political theorists of the twentieth century. In recent years, she has spearheaded a truly monumental transatlantic venture to produce a definitive collection of the works of Arendt. This project will be a critical touchstone for scholars of Arendt for many decades to come.

During her fifteen years at Vanderbilt, Professor Hahn has organized five international conferences, given more than ninety lectures, and won various prestigious research awards, including a 2019 multimillion dollar grant from the Deutsche Forschungsgemeinschaft that enabled her work on the Arendt edition. She has served as the principal adviser of ten doctoral dissertations, served as the chair of the Department of German and Slavic Languages from 2010 to 2012, and published three books, nine anthologies, numerous editions, and more than forty book chapters. A prolific scholar, critic, and thinker, Barbara Hahn is deeply respected by colleagues and students alike for her intellectual leadership and care as well as her unique ability to energize scholars of diverse backgrounds to collaborate and never cease to break new ground.

B. Andes Hess, Jr., Ph.D.

Professor of Chemistry, Emeritus

After receiving a bachelor of arts from Williams College in 1962, B. Andes Hess, Jr., completed his doctor of philosophy at Yale University in February of 1966. He was a National Institutes of Health postdoctoral fellow at the University of Oregon for two years. In 1968, he joined the Department of Chemistry at Vanderbilt University. He was appointed chair in 1982 and served an unprecedented four terms, stepping down in 1994.

Professor Hess played an integral role in developing the new chemistry building and oversaw its planning, construction, and completion beyond 1994 as the dean's liaison. Based on his scientific experience, a revolutionary design was created for the organic teaching labs to prevent the students from being exposed to hazardous chemicals. This pioneering design was subsequently adopted by chemistry departments across the country.

While trained as a physical organic chemist, he became a computational chemist; this was the result of his interactions with Professor Larry Schaad, a theoretical chemist in the department. Together, in 1971, the two professors published a paper which revolutionized the theory of an important class of organic and biological chemicals. The editor accepted the manuscript without changes, stating that this paper would be cited for years to come. He was right, and it is still cited in journals and textbooks of physical organic chemistry. Professor Hess's major research was based on numerical calculations. As computers increased in speed, it was possible to study larger and larger molecules. This progress culminated in one of his recent publications in which the long-standing problem of the mechanism of the biosynthesis of steroids was solved.

In 1973, Professor Hess was awarded a National Academy of Sciences Exchange Fellowship to spend one year at the Czechoslovak Academy of Sciences in Prague, in the leading group in computational chemistry in Europe. This was the beginning of his international collaborations. Professor Hess has published 200 papers in refereed journals (including *Nature*), and has contributed chapters to three scientific books. Sixty of these papers were published in collaboration with foreign authors from Germany (West and East), Czechoslovakia (the Czech Republic and Slovakia), Poland, The Netherlands, Norway, the United Kingdom, Yugoslavia (Croatia), Israel, India, Japan, and China.

He participated as a faculty member in the UNCF Premedical Institute held during summers at Fisk University from 1970 to 2004. This program was established to extend the knowledge of chemistry and biology of and to motivate rising sophomores and juniors from UNCF colleges to choose the medical profession. Hundreds of the participants of this institute became physicians, dentists, nurses and also scientists.

Richard L. Hoover, Ph.D.

Professor of Pathology, Microbiology, and Immunology, Emeritus

Richard Hoover came to Vanderbilt University in August 1985 and was promoted to professor of pathology in 1987. Before that, he earned his doctor of philosophy in 1972 at Michigan State University, held a two year postdoctoral position in Scotland at the University of Glasgow, and taught at Harvard Medical School for ten years, rising to the rank of associate professor.

During his tenure at Vanderbilt, he has been director of two NIH training grants—one for graduate students and postdoctoral fellows (sixteen years) and one for undergraduate students from underrepresented populations and summer research (eleven years). He was awarded the AAAS Fellowship in 2014 for his contributions to science and education. He has trained numerous graduate students and postdoctoral fellows and published nearly 100 papers in peer-reviewed journals. He was also an initial associate editor for the *Atherosclerosis & Thrombosis Research* journal and reviewer for numerous other journals. He has had grant funding from the National Institutes of Health and the American Heart Association. He served on peer-review committees for the NIH evaluating research and training grants, and on national, regional, and state peer-review committees of the American Heart Association. In 2001, he became associate dean of the Graduate School, where he remains involved in promoting graduate education and the success of graduate students. He received the Levi Watkins Award from the Vanderbilt University Medical School and the Dr. Dolores Shockley Partnership Award from Meharry/Vanderbilt for promoting diversity in graduate education and research at both institutions. He served on Vanderbilt's Institutional Review Board committee for five years, two as the chair.

Professor Hoover has dedicated his professional life to research and was instrumental in determining the importance of the endothelial lining of blood vessels and its pivotal role in inflammation, atherosclerosis, and metastasis, and in our understanding membrane fluidity and formation of lipid domains.

*Mark F. Jarman, M.F.A.**Centennial Professor of English, Emeritus*

Mark Jarman began teaching at Vanderbilt in 1983, having already spent a decade teaching at the Iowa Writer's Workshop, at Indiana University, Evansville, at Murray State, and at University of California, Irvine. He retires from Vanderbilt after thirty-seven years of teaching and service to our university community. His service to the Department of English, the College of Arts and Science, and the university is impressive. In English, he has served as the director of undergraduate studies, the director of creative writing, and the associate chair. He has directed Vanderbilt in England and Humanities in London. He has served on innumerable department, college, and university committees, most recently as co-chair of the Robert Penn Warren Humanities Center Review. Nationally, he has been a judge for innumerable story and poetry awards, has been invited many times to be a panelist for the National Endowment for the Arts, and has served on the advisory board of numerous poetry journals and reviews.

Over the course of his career, Professor Jarman has published eleven collections of poetry. His poems have been anthologized in more than 100 anthologies. He has published several collections of essays on poetry and more than fifty essays and articles and as many more book reviews.

His career is, in a word, storied. Vanderbilt has awarded him the Nordhaus Award for Excellence in Undergraduate Teaching and the Chancellor's Award for Research. Beyond Vanderbilt, he has won the Balcones Poetry Prize, the Avalon Award, the Poet's Prize, the Crazyhorse Prize for poetry, the Duncan Lawrie Prize, the Academy of American Poets Prize, and the Joseph Henry Jackson Award. He has received multiple grants from the National Endowment for the Arts. He has won a Guggenheim. He has been a finalist for the National Book Critics Circle Award. He was named an elector for the American Poets' Corner at the Cathedral Church of St. John the Divine (which was founded in 1984 to memorialize American writers of the highest repute). He has been invited to read his poetry and speak about the craft of poetry in more than 100 academic institutions in the United States, England, Ireland, and Europe, as well as at book festivals and writers' conferences.

Listing his distinctions, however, does not even begin to capture his influence on American poetry, where he is considered a key figure in New Formalism and New Narrative. Through *The Reaper*, a journal he co-founded with fellow poet Robert McDowell in the 1980s, which aimed at reclaiming and promoting poetry that emphasized story and image, Jarman labored to revive the craft of narrative poetry and to revitalize traditional poetic forms. He has been described as "one of the most thoughtful and adroit poets writing," and widely recognized as a "significant influence on contemporary American poetry."

*Robert T. Jiménez, Ph.D.**Professor of Education, Emeritus*

Robert T. Jiménez has been recognized throughout his career by the fields of literacy and educational research. His early work identified some unique reading comprehension strategies of Spanish-English bilingual readers. These included accessing cognate vocabulary, translating, code-switching, and consciously transferring information learned in one language to reading in another. Building on this early work, he developed an instructional approach called Project TRANSLATE (Teaching Reading And New Strategic Language Approaches To Emergent bilinguals). While his early work was an important precursor to translanguaging theory, his recent work shows how such a more-unified understanding of language can result in academic gains. This work was funded by the prestigious Lyle Spencer Award.

Professor Jiménez has also received three Fulbright Fellowships, the Albert J. Harris Award for research on struggling readers from the International Literacy Association, and the Alan C. Purves Award from the National Council of Teachers of English for research most likely to have an impact on instructional practice. He was inducted into the Reading Hall of Fame in 2015 and named an American Educational Research Association fellow in March 2018. He is currently an editor of the premier journal of literacy research, *Reading Research Quarterly*. In addition, he has served his professional organization as president of the Literacy Research Association (2011 to 2012).

Professor Jiménez came to Vanderbilt University in 2004 and established the Teaching English Learners Program in the Department of Teaching and Learning. He has provided leadership to this program over the past sixteen years, and it has grown to include four faculty members and a continuing stream of teacher education students from both domestic and international backgrounds. The program now offers course work leading to undergraduate and master's level endorsements for teaching students who are learning English as a second or new language.

John Kochanowski

Associate Professor of Viola, Emeritus

John Kochanowski attended the Interlochen Arts Academy and the Juilliard School where his principal teachers were Walter Trampler and Robert Mann. He also studied at the Accademia Musicale Chigiana in Siena, Italy, with Bruno Giuranna.

From 1971 to 1987, he was the violist and a founding member of the Concord String Quartet, which performed more than 1,000 concerts on major chamber music series in the United States and Europe. In 1972, the quartet was awarded the Walter W. Naumburg Chamber Music Award. The Concord Quartet presented the complete quartets of Beethoven thirty-two times and the complete quartets of Bartók fourteen times. The quartet premiered more than sixty works, many on commission from such composers as Bolcom, Diamond, Druckman, Foss, Henze, Johnston, Penderecki, and Rochberg. They recorded more than forty works on the RCA Red Seal, Nonesuch, Vox, Turnabout, and CRI labels. The Concord Quartet was in residence at Dartmouth College from 1973 to 1987. Professor Kochanowski joined the Blair String Quartet in 1987.

In addition to being the coordinator of chamber music at the Blair School and performing in his concerts with the quartet, he has also given solo recitals, made concerto appearances, and been a guest artist with the Brentano, Cassatt, and Chiara quartets. He has adjudicated competitions including the Fischhoff Chamber Music and Naumburg Viola competitions. Since 2005, he has been a quartet instructor in Charles Castleman's summer festival, The Quartet Program.

Michael H. Kurek, A.Mus.D.

Associate Professor of Composition, Emeritus

American composer Michael Kurek's music, hailed in recent years for its lush neo-romanticism, has garnered performances by numerous symphony orchestras and chamber groups throughout the United States and in fifteen countries on five continents (multiple times in several of them). His works have been streamed in more than 70 countries on six continents and heard on National Public Radio and several other countries' national radio broadcasts and have been profiled in national print media and music journals.

Professor Kurek has received several national awards for his music, including the prestigious Academy Award in Music from the American Academy of Arts and Letters (the academy's top annual award for lifetime achievement in composition, now called the Arts and Letters Award), the academy's Charles Ives Award, and awards or fellowships from the American Symphony Orchestra League, Broadcast Music Inc., the National Endowment for the Arts, Meet the Composer, the Music Teachers National Association, the Tanglewood Music Center's Fromm Fellowship in Composition, and others. Recorded on Parma Recordings and New World Records, he served the recording academy for six years on the classical Grammy Awards nominating committee in Los Angeles. His 2017 album, *The Sea Knows*, debuted at No. 1 on *Billboard's* Traditional Classical Music chart, and his book, *The Sound of Beauty*, was released by Ignatius Press to strong reviews in September 2019. He has been a popular guest composer at universities and an adjudicator of the national composition contests of the American Society of Composers, Authors, and Publishers, and others.

His teachers included German composer Hans Werner Henze, French composer Eugene Kurtz, and Pulitzer Prize-winning American composers William Bolcom and Leslie Bassett. He holds a doctorate in composition from the University of Michigan and chaired the department of composition/theory at Blair School of Music for fourteen years. In 2006, the Panhellenic Council and all ten sororities of the university presented him with the award "Best Blair Educator at Vanderbilt." For streaming music and further information, go to michaelkurek.com.

Patrick J. M. Lavin, M.B., B.Ch., B.A.O.

Professor of Neurology, Emeritus

Patrick Lavin graduated from University College Dublin, Ireland, in 1964. He earned his medical degree at University College Dublin Medical School (National University of Ireland) in 1970. He was a medical and surgical intern at St. Vincent's Hospital, Elm Park, Dublin (1970–1971), and then a medical resident at St. Vincent's (1971–1973). After a short time in general practice in Nova Scotia, Canada, he became a registrar (senior resident) in general medicine at Leicester General Hospital, United Kingdom, in 1974, and then a registrar in neurology at Leicester Royal Infirmary (1975–1976), and later at St. James University Hospital and Chapel Allerton Hospital in Leeds until 1978. He was a neurology research fellow and honorary senior registrar at Charing Cross Hospital, London, in 1978. In 1979 he served as a locum internist at James Connolly Memorial Hospital, Dublin and Our Lady's Hospital, Navan, before returning to training in neurology as registrar to the Adelaide and St. Vincent's Hospital, Dublin, in 1980.

He came to the U.S. in 1980 for further training and became chief resident in neurology at Case Western Reserve University, Cleveland, Ohio, under the direction of Dr. Robert B. Daroff. At CWRU, he became a fellow in neuro-ophthalmology from 1981–1983 and a clinical instructor in neurology.

Dr. Lavin joined the faculty at Vanderbilt University in 1983 as an assistant professor in the Department of Neurology with a secondary appointment in ophthalmology and established the Vanderbilt neuro-ophthalmology program. He was promoted to associate professor in 1989 and professor in 2001. He was director of the Ocular Motility Laboratory and Transcranial Doppler Laboratory, and became director of the Vanderbilt Headache Clinic in 2000.

Dr. Lavin is board certified in neurology (American Boards of Psychiatry and Neurology) and the internal medicine of Ireland (M.R.C.P.I.).

His contributions to clinical science include developing guidelines for the management of acute central retinal artery occlusion, and idiopathic intracranial hypertension. He described the unusual MRI changes in non-ketotic hyperglycemic hemianopia, and collaborated on projects including the description of the fourth step that augments Bielschowsky's three-step test, enabling distinction of oblique extraocular muscle palsies from skew deviations, and the study demonstrating Humphrey 24-2 visual fields are more efficient and equally as informative as the 30-2 studies, thus shortening the test time and improving reliability.

His interests include acute and chronic optic neuropathies, eye movement disorders, nystagmus, neuro-otology, and headache. His research interests include eye movement disorders, nystagmus, and metabolic disorders affecting the visual system.

James E. Loyd, M.D.

Professor of Medicine, Emeritus

James Emory Loyd was born in South Charleston, West Virginia, in December 1947. He received both his bachelor's degree and doctor of medicine from West Virginia University. Dr. Loyd began his forty-six-year career at Vanderbilt as an intern in 1973. Following internship, he served as a lieutenant in the United States Navy Medical Corps. Dr. Loyd then returned to Vanderbilt to enter his residency in 1976, becoming chief resident in 1979. By 1981, he had completed a postdoctoral fellowship in pulmonary and critical care medicine under the mentorship of Dr. Ken Brigham. He was selected in 1983 to be a British Heart Foundation Research Fellow at Oxford, United Kingdom, by the American Heart Association. That same year, he joined the Vanderbilt faculty as an assistant professor of medicine. Dr. Loyd steadily progressed through the faculty ranks, obtaining professor status in 1997. Six years later, he was named Rudy W. Jacobson Professor of Pulmonary and Critical Care Medicine.

Today James Loyd is considered a world expert in several fields, including the study and treatment of pulmonary hypertension, pulmonary fibrosis, and pulmonary complications of histoplasmosis. He started and developed the lung transplantation program at Vanderbilt in 1987 and served as medical director of lung transplantation for thirteen years. He also started the Vanderbilt Pulmonary Hypertension Center in the 1990s. His work has been published in the *New England Journal of Medicine* as original research seven times over his career. His original description of the BMPR2 mutation was published in *Nature* and has been cited more than 1,300 times as of this writing. His work on histoplasmosis and mediastinal fibrosis is unparalleled anywhere else in the world. At Vanderbilt, Dr. Loyd is revered; he received a standing ovation at his grand rounds describing his investigations into familial pulmonary hypertension. He has recently been nominated to receive the Trudeau Medal bestowed by the American Thoracic Society and named for its founder.

Ralph N. McKenzie, Ph.D.

Distinguished Professor of Mathematics, Emeritus

Ralph McKenzie received his bachelor of arts from the University of Colorado in 1963, and his doctor of philosophy from the same institution in 1966. He served in a number of positions at the University of California, Berkeley, from 1966 until 1994, working his way up from instructor to professor. He retired from that university in 1994 and came to Vanderbilt, where he spent another twenty-five years.

Professor McKenzie arrived at Vanderbilt shortly after the retirement of Bjarni Jónsson, who was Vanderbilt's first Distinguished Professor of Mathematics, and who had established the Department of Mathematics as a major center in the area of universal algebra. Professor McKenzie was a fitting replacement for Professor Jónsson and was the key figure in maintaining Vanderbilt's preeminence in this area for an additional quarter century.

Professor McKenzie has been generally acknowledged as the top mathematician worldwide working in universal algebra and lattice theory. His work paved the way for many developments in these areas over the course of his career. His work also had broader impacts in combinatorics and, more recently, with his work on constraint satisfaction problems, in theoretical computer science.

Professor McKenzie was also critical for the overall development of the Department of Mathematics. Even before he arrived at Vanderbilt, he contributed by training two of our faculty, Professors Tschantz and Tsinakis. He played a key role in hiring Mark Sapir (now a Centennial Professor), and that hiring led to a series of appointments of very strong mathematicians in algebra and related areas. Professor McKenzie's presence at Vanderbilt provided the visibility needed for these recruitments.

Professor McKenzie supervised six graduate students during his time at Vanderbilt and is continuing to work with graduate students even in retirement. His former graduate students value his counsel and collaboration and have returned to Vanderbilt frequently to continue their research with him. He is known for his generosity towards junior colleagues.

Professor McKenzie is a fellow of the American Mathematical Society and has been recognized in many ways, most recently with an honorary doctorate from the University of Szeged in Hungary.

Bonnie J. Miller-McLemore, Ph.D.

E. Rhodes and Leona B. Carpenter Professor of Religion, Psychology, and Culture, Emerita

Bonnie J. Miller-McLemore, an interdisciplinary feminist scholar and member of Vanderbilt University's faculty since 1995, is a nationally and internationally recognized figure in religion and psychology, pastoral and practical theology, and women's and childhood studies. Winner of a prestigious Henry Luce III Fellowship and grants from institutions such as Lilly Endowment, Louisville Institute, and the university itself, she is a prolific writer, co-author, and editor of seventeen books, fifty-two peer-reviewed journal articles, and fifty-four book chapters. Her writing has been translated into several languages, including Korean, Portuguese, and Swedish. Her research on motherhood and children as valid theological subjects, "the living human web" as a paradigm for situating the individual in wider social contexts, and practical theology as a complex term for four distinct enterprises has been truly game changing, redefining disciplines in significant ways. She has served on numerous editorial boards, including as co-editor-in-chief for a multi-volume book series with Brill Publishers. In her twenty-five years on faculty, she has gained the respect of colleagues and students. She chaired the doctoral area of religion, psychology, and culture for many years and concludes another term as chair of the Divinity School faculty this year. She has served as first reader on more than twenty-two Ph.D. dissertations and on countless dissertation committees and master's theses. She was key in the conceiving, receiving, and initial overseeing of the \$10-million Theology and Practice grant from the Lilly Endowment in 2005 that has helped to sustain doctoral students and study in the Graduate Department of Religion. She is an especially mindful and creative educator. In addition to regular courses in theology and the social sciences, personality theory, women and religion, and pastoral and practical theology, her pedagogical acumen has flourished and expanded, touching on the craft of writing, use of novels and film, exploration of vocation and calling, and the urgent issue of climate violence and earth justice. Her years of dedicated service and incisive scholarship have created a strong and widely recognized foundation for her colleagues and the academy upon which others will build for years to come.

K. Arthur Overholser, Ph.D.

Professor of Biomedical Engineering and Chemical Engineering, Emeritus

K. Arthur Overholser's time with Vanderbilt may be divided into two periods: research and teaching (1971–1999) and academic administration (1999–2019).

Professor Overholser applied the principles of transport phenomena (an engineering science) to the study of combustion physics and cardiopulmonary physiology. He also collaborated with basic medical scientists in the study of cell physiology and kinetics.

His graduate students have gone on to professorships and to senior industry positions. He has been honored with several research awards at the school level.

Professor Overholser taught students from the first year through the doctorate. He was an early innovator in engineering education and the developer of the first freshman seminar program in the School of Engineering. He emphasized learning objectives decades before they became expected by accreditors. He experimented with project-based education and self-paced learning. He received teaching awards at the school level and from the university (Ellen Gregg Ingalls Award for Excellence in Classroom Teaching, 1978). The core principles of Professor Overholser's approach to teaching are to treat each student as an individual, to be clear in your expectations and fair in your evaluations, and to do what it takes to figure out what your students are learning, and then adjust your approach in real time if necessary.

As associate dean, Professor Overholser's goal was to establish stable support systems for students, faculty, staff, and administration. He coordinated three successful cycles of reaffirmation by the Accreditation Board for Engineering and Technology, the disciplinary accreditor. He was involved nationally in ABET (Academic Advisory Board) and the American Society for Engineering Education (inaugural member of the Undergraduate Experience Committee). Significantly, he was an early advocate of the "one university" idea well before its articulation as a broader policy. He worked collaboratively with the other undergraduate schools and the provost's office to ensure that all undergraduates were treated the same and to help lower inter-school barriers to teaching and learning. He also collaborated with the offices of enrollment management, financial aid, athletics, and student life, and the Vanderbilt University Police Department. In 2006, he was honored with the Thomas Jefferson Award for service in the councils of the university.

James A. Patton, Ph.D.

Professor of Radiology and Radiological Sciences, Emeritus

James Patton earned his doctor of philosophy in physics from Vanderbilt in 1972 before joining the Department of Radiology and ultimately attaining the rank of professor (1988–2000). He has held multiple secondary appointments in physics since 1996, and he also earned certification as a diplomate of the American Board of Radiology (Nuclear Physics) in 1996.

For forty-five years, Professor Patton maintained oversight of nuclear medicine equipment and technical operations. He filled administrative roles under five chairs culminating in his appointment to the radiology vice chair of finance and administration (2004–15). Some of his accomplishments include oversight of the conversion to electronic billing and implementation of radiology CPT and ICD-9 coding and installation and management of the first clinical/research PET-Cyclotron facility and the first hybrid SPECT/low output CT imaging system in the U.S. In 2014, Professor Patton received the Lifetime Achievement Award presented by the Association of Administrators in Academic Radiology.

Since 1974, Professor Patton has taught nuclear medicine topics to nuclear medicine, radiology, and cardiology residents, medical students, medical physics graduate students, and technologists and in departmental preceptor programs. He was a guest lecturer for the United Negro College Fund Pre-Medical Summer Institute, for Fisk University (1986–90), and in the medical officer's course in nuclear medicine, Bethesda Naval Hospital (1985–93). He established a bachelor-level Nuclear Medicine Technology program (1979) and served as its program director until 2018, graduating 257 technologists. He was recognized in 2019 by the Nuclear Medicine Technologists of Tennessee for years of service and contributions to the training of technologists.

Professor Patton authored 85 peer-reviewed articles (24 as first author), 53 proceedings or symposia (19 as first author), 100 abstracts (31 as first author), and 49 posters/exhibits (20 as first author), co-authored 76 book chapters, co-edited nine textbooks, and presented 105 invited talks nationally and nine internationally. He gave the prestigious H. O. Anger Memorial Lecture at the 2009 Society of Nuclear Medicine and Molecular Imaging annual meeting. He was principal investigator on three funded grants, co-PI on two funded grants, and investigator on seven funded grants. He mentored six graduate theses in physics and biomedical engineering.

He also served the Department of Radiology and the Medical Center on many committees throughout his tenure. Nationally, he belonged to the American Association of Physicists in Medicine (1979–present), serving twelve years on the Nuclear Medicine Committee. He served on the American Board of Science in Nuclear Medicine (1998–2008) and as board president (2007–08). He held a number of positions in the Society of Nuclear Medicine (1970–present) including associate editor of the *Journal of Nuclear Medicine* (1998–2004) and SNM representative on the Nuclear Medicine Technology Certification Board (2007–15). In the SNM Southeastern Chapter (1970–present), he served multiple roles, including president (1999), and, in 2007, he received the prestigious SECSNM Dr. Marshall H. Brucer Award for contributions to the field.

James W. Pichert, Ph.D.

Professor of Medical Education and Administration, Emeritus

James W. Pichert, an educational psychologist and professor of medical education and administration, has served with distinction on the Vanderbilt faculty since 1979. His master of science and doctor of philosophy, both in education, were earned at the University of Illinois at Champaign-Urbana, and his bachelor's degree in educational research was earned at Bucknell University in Lewisburg, Pennsylvania.

In his forty years of service, he has advanced our mission in important ways. Professor Pichert served for two decades as a member of the Vanderbilt Diabetes Research and Training Center's Education Core, where he conducted foundational work in equipping health care professionals to be effective patient teachers. Later, he played a pivotal role as co-founder in launching the Center for Patient and Professional Advocacy at Vanderbilt University Medical Center.

Professor Pichert's work has resulted in more than 120 peer-reviewed publications, 91 book chapters/reviews, and partnerships with more than 200 hospitals nationally and internationally. In addition to research activities, he has contributed to various medical and nursing school courses, GME programs, and continuing education seminars for health care professionals. He has presented many workshops for physicians and health care executives on strategies for promoting professionalism and communicating about unexpected adverse outcomes and errors. Finally, Professor Pichert has served faithfully as a member or leader of various VUMC education- and administration-related committees. His scholarly and educational contributions have had a profound impact on VUMC and health care systems throughout the world.

Donald H. Rubin, M.D.

Professor of Medicine, Emeritus

Donald H. Rubin's first exposure to biomedical research was at Stony Brook University in the lab of Edmund D. Pellegrino, M.D. During his medical training at Weill Cornell Medicine, his work with J. Kelly Smith, M.D., led to his receiving the Anthony Seth Warner, M.D., Memorial Prize for infectious disease. His residency in internal medicine at Mount Sinai Hospital and fellowship in infectious disease at the Brigham and Women's Hospital/Harvard Medical School led to his laboratory investigations on the molecular pathogenesis of virus infections.

A founding member of the Academy for Excellence in Education at Vanderbilt, Dr. Rubin facilitates the case-based curriculum. He is a recognized expert in pathogen-host interactions and host genomics and has participated in international biannual Molecular Epidemiology and Evolutionary Genetics meetings for the last seventeen years. In addition, he started a company, Zirus, which focused on the discovery of cellular-based targets to design therapy for intracellular pathogens. A number of patents were awarded for this work.

Dr. Rubin has served on the Vanderbilt University Medical Center Conflict of Interest Committee, the Medical School Admissions Committee, and both the Field Research Advisor Committee and the NonProfit Oversight Board for Veterans Administration Central Office. Throughout his academic career, he has proactively championed women in science and has promoted inclusiveness and diversity, for which he was recognized with the Levi Watkins Jr. M.D. Faculty Award for Diversity in 2009. His additional honors include teaching awards from the University of Pennsylvania and Vanderbilt University, election to the American Society for Clinical Research and as a fellow of the American College of Physicians, the Infectious Disease Society of America, and the American Society for the Advancement of Science with specific recognition of his contributions in infectious diseases, microbiology, medical school teaching, and diversity.

Linda J. Sealy, Ph.D.

Associate Professor of Molecular Physiology and Biophysics, Emerita

Linda J. Sealy, a citizen of the Chickasaw Nation, began her faculty career at Vanderbilt in 1986 as an assistant professor of molecular physiology and biophysics and of cell biology. She is broadly trained: as a biochemist, molecular biologist, and virologist. Her research interests are in cancer biology, and, for over two decades, her lab at Vanderbilt investigated the transcription factor C/EBPbeta, with a focus on its role in Ras transformation and in breast cancer. C/EBPbeta is expressed as three different isoforms, and the Sealy lab identified unique functional properties of these individual isoforms. Her laboratory showed that C/EBPbeta-1 mediates Ras oncogene induced senescence, whereas C/EBPbeta-2 expression results in epithelial-to-mesenchymal transition and acquisition of a metastatic phenotype in mammary epithelial cells. Cells that overexpress C/EBPbeta-3 take on an unusual phenotype, engulfing neighboring cells and dying as a result.

In addition to her research interests, Professor Sealy has had a longstanding interest in promoting diversity, equity, and inclusion. Since the early 2000s, she has served as co-director of the NIH-funded Vanderbilt Initiative for Maximizing Student Diversity program. The IMSD program has supported 150 trainees who are members of underrepresented groups in biomedical doctor of philosophy programs at Vanderbilt, with a 93 percent completion rate for the doctorate. The IMSD, under Professor Sealy's leadership, has transformed Vanderbilt into a top producer of African American Ph.D.'s in the biomedical sciences. Through the IMSD and her own research lab, Professor Sealy has taught and/or mentored more than 175 underrepresented students at all phases of pre-graduate and/or graduate training. She was honored in 2018 with the Lifetime Mentor Award of the American Association for the Advancement of Science. She was also the first recipient, in 2016, of the Joseph A. Johnson Jr. Distinguished Leadership Professor Award for exemplary contributions to promoting diversity and inclusion at Vanderbilt. Since 2017, Professor Sealy has served as associate dean for diversity, equity, and inclusion for basic sciences in the School of Medicine.

William J. Stone, M.D.

Professor of Medicine, Emeritus

William J. Stone received his undergraduate degree at Princeton and his doctor of medicine at Johns Hopkins. During his internal medicine training at Vanderbilt University School of Medicine, he was the medical chief resident at the Nashville Veterans Administration Hospital. He undertook further postdoctoral training at Cornell University Medical School and served in the army, including providing care as a nephrologist during the Vietnam War. He then returned to Vanderbilt and has been a faculty member here since 1969. For the forty-five years between 1972 and 2017, he was the chief of Renal Section at the Veterans Affairs Tennessee Valley Health Care System.

Dr. Stone has always been a great clinician, an astute teacher and educator, a fearless patient advocate, and a visionary researcher. He has touched the lives of countless medical students, residents, and fellows. He was an unparalleled role model and mentor for many physicians who have had the opportunity and privilege to work with him during his tenure of more than fifty-two years at the Veterans Administration Medical Center. His passion for patient care and advocacy is reflected in his efforts to start the first home and in-center dialysis treatments in the state of Tennessee and to set the stage for the first kidney transplant in the VAMC system. Dr. Stone's many research contributions included the basic understanding of the pathophysiology and complications of advanced kidney disease such as dialysis-associated amyloidosis, the initial use of erythropoietin stimulating agents in dialysis patients, and structural abnormalities in patients with Alport's syndrome and Goodpasture's disease. In addition to his original research articles, he edited multiple books and wrote numerous chapters.

Mark W. Wait, D.M.A.

*Dean of the Blair School of Music, Emeritus
Martha Rivers Ingram Dean's Chair, Emeritus*

Mark Wait has been the dean and a professor of music at the Blair School of Music at Vanderbilt University since 1993. Before that, he was on the faculty of the College of Music at the University of Colorado, where he also served, from 1985 to 1993, as the executive assistant to the chancellor of the Boulder campus and to the president. Dean Wait served as president of the National Association of Schools of Music from 2012 to 2015. He also served on the Board of Officers and Trustees of the Country Music Hall of Fame from 2001 to 2005.

As a concert pianist, Mark Wait has presented more than 200 concerts in twenty-five states. In 1989, he was the pianist in a performance at Alice Tully Hall of Elliott Carter's Double Concerto for Piano, Harpsichord, and Two Chamber Orchestras, conducted by Robert Craft. As part of Robert Craft's series of Stravinsky recordings, he recorded several solo works, as well as Stravinsky's Capriccio for piano and orchestra with the Orchestra of St. Luke's. Meanwhile, his recording with the Nashville Symphony (Kenneth Schermerhorn conducting) of Elliott Carter's Piano Concerto was a finalist for a 2004 Grammy in two categories: Best Classical Album and Best Instrumental Solo Performance with Orchestra. Mark Wait and violinist Carolyn Huebl have recorded Alfred Schnittke's Violin Sonatas and major works for violin and piano by Igor Stravinsky, both on the Naxos label.

Tedra A. Walden, Ph.D.

Professor of Psychology, Emerita

Tedra A. Walden joined Peabody College at Vanderbilt University in 1981 as an assistant professor of psychology. She became a professor of psychology in 1997 and in 2012 received a secondary appointment as professor of hearing and speech sciences.

During her thirty-nine years at Vanderbilt, she established an active research program, and, with many faculty and student colleagues, she has published numerous book chapters and scientific articles on early social-emotional development, young children with autism and Down syndrome, and early development of young children who stutter. She has given many scientific talks at national and international conferences. Professor Walden has served on the editorial boards of several journals in her field and as associate editor of *Psychological Bulletin*, a premier psychology journal. She has received numerous federal grants in support of her research from the National Institutes of Health and from the National Science Foundation and has served as principal investigator and director of a sixteen-year funded training grant (T32) from the National Institute of Child Health and Human Development to train scientists and practitioners in the field of developmental disabilities. The training grant provided support and training for doctoral students and postdoctoral fellows from several departments in Peabody College.

Professor Walden has taught courses in adolescent psychology, social psychology, personality theory and development, developmental psychology, childhood behavior problems, psychology of women, sex role development, introductory statistics, applied developmental psychology, social and personality development, general psychology, and recently a regular popular freshman writing course, *Mind Games: Why Smart People Do Dumb Things*, focusing on errors and biases in thinking.

Her service activities while at Vanderbilt include advising and training more than sixty graduate students and many more undergraduate students, serving on numerous departmental and Peabody College committees, contributing to the Vanderbilt Kennedy Center, acting as director of the developmental area and director of graduate studies in the Department of Psychology and Human Development, and serving on the University Benefits Committee and the Vanderbilt Faculty Senate (as well as several related university committees and task forces).

Thomas J. Weiler, Ph.D.

Professor of Physics, Emeritus

Thomas J. Weiler received his bachelor of science from Stanford University in 1971 and his doctor of philosophy in theoretical physics from the University of Wisconsin in 1976. He gained further research experience at the University of Liverpool, Northeastern University, and the University of California, San Diego, including a visiting stint in the particle physics powerhouse at SLAC. Professor Weiler joined the Vanderbilt faculty in 1984 and remained at Vanderbilt for the next thirty-five years.

Professor Weiler took a distinctly creative approach to his broad research in high-energy theoretical physics. During his earliest post-doctorate years, he investigated quantum chromodynamics, the theory of the strong force that binds quarks together inside protons and binds protons and neutrons together in atomic nuclei. His most notable results included using the electron+proton $\rightarrow J/\psi$ reaction to infer the first-ever gluon momentum distribution inside protons, and introducing the “gauge boson-gauge boson” fusion mechanism still popular in particle detection searches. By the mid-1980s, Professor Weiler began applying particle physics to cosmology as one of the earliest “astro-particle physicists.” He described the annihilation of extreme-energy neutrinos with cosmic background neutrinos—a so-called Weiler mechanism that remains the only practical way to detect relic neutrinos left over from the Big Bang—and developed the bimaximal matrix that remains the starting point for modeling the mixing angles of neutrino oscillations. His recent work draws astrophysical inferences using data from the IceCube Neutrino Observatory. In addition, Professor Weiler developed a theoretical framework that predicts how some particles can travel backwards in time and yet remain consistent with Einstein’s General Relativity. Professor Weiler’s work on time reached lay audiences through a co-authored article in *Scientific American*, his 2012 TEDx talk given to more than 2,000 people (with 185,000 downloads), and his television appearance with Morgan Freeman on *Through the Wormhole*.

Professor Weiler’s many honors include being a fellow of the American Physical Society and a Simons Fellow in Theoretical Physics, and receiving senior career awards from the Alexander Von Humboldt Society in Germany and the Instituto de Física Corpuscular in Spain.

Throughout his years at Vanderbilt, Professor Weiler served as a valuable teacher of theoretical physics, including key graduate courses in quantum field theory and general relativity.

Bahr H. Weiss, Ph.D.

Professor of Psychology, Emeritus

Bahr H. Weiss joined Vanderbilt University Peabody College of education and human development as a postdoctoral fellow in 1988, became an assistant professor in 1991, and then rose through the ranks to professor of psychology in the Department of Psychology and Human Development.

During his thirty-one years at Vanderbilt, Professor Weiss has established a strong research program focused on global mental health. This program of research has involved primary research focused on identifying modifiable factors underlying discrepancies in mental health functioning between high-income countries (HIC) (such as the U.S., the U.K., etc.) and low- and middle-income countries (LMIC). This work has centered on Southeast Asia, in particular Vietnam, and has been funded continuously by the U.S. National Institutes of Health through Vanderbilt since 2001. This work also focuses on research and training capacity development and has involved development of the first master's and first doctoral training programs in clinical psychology in Vietnam. After leaving his position at Vanderbilt, he intends to continue this work at the same pace, but with the flexibility to spend significantly more time overseas where the work is being conducted.

At Vanderbilt, he has taught a number of graduate courses, including Psychopathology, Culture and Psychopathology, Multivariate Statistics, Research Synthesis/ Meta-analysis, and a pro-seminar on Interventions Research. For undergraduates, he has taught Culture and Psychopathology, Introduction to Clinical Psychology, Introduction to Statistical Analysis, and Statistical Analysis. His service to the university includes being the co-director of the Vanderbilt doctoral program in clinical psychology (since 2016) and co-director of the Center for Psychotherapy Research and Policy for eleven years, and active membership on numerous departmental and college committees.