Faculty Emeriti

2022-2023

University of Virginia

May 2023

The honorary rank of professor emeritus or associate professor emeritus may be conferred upon senior academic faculty at the time of their retirement from the University to honor extraordinary contributions over the course of their careers.

This year, we elected 46 new faculty emeriti, representing nine schools and 33 academic fields. We recognize the extraordinary careers of two faculty with more than 50 years of service each: University Professor of Chemistry Donald Hunt, and Harrison Foundation Professor of Medicine and Law Richard Bonnie; 32 more of this year's faculty emeriti also have more than 25 years of service. Also notably, 14 of this year's honorees come from the ranks of our Academic General Faculty, with particular contributions in teaching and research.

As in years before, each of these faculty members have contributed inestimably to the reputation of the University and the life of our community. This spring, we are happy to be celebrating not just this year's, but the previous three years' of elected emeriti as well, at our Alumni Hall reception on May 16.

We hope you enjoy this keepsake booklet and the remarkable careers it chronicles.

Rector Whittington W. Clement and the Board of Visitors
President James E. Ryan
Executive Vice President and Provost Ian B. Baucom

Mr. Anthony J. Baglioni Jr.

Ph.D., University of Virginia
Associate Professor of Commerce, General Faculty
McIntire School of Commerce 2004–2023

Anthony Baglioni has taught in McIntire's Integrated Core Experience program for 19 years and has played a pivotal role in introducing the concepts of hypothesis testing, quantitative analysis and data-informed decision making to generations of students.

For nearly two decades, half of every graduating Commerce class has studied under Baglioni.

As a colleague, he has always offered his quantitative analytical expertise to other faculty, especially in the marketing area, and picked up extra teaching responsibilities to cover for faculty on leave. Baglioni served on McIntire's undergraduate admission committee for many years, as well as the promotion and tenure committee for its academic general faculty, both time-consuming commitments requiring the utmost discernment.

As a military veteran, Baglioni is a passionate faculty sponsor and mentor for student veterans and ROTC student leaders. He has also been an active contributor to the general welfare of the greater Charlottesville area through his volunteer work with Habitat for Humanity. He has served McIntire, UVA, and Charlottesville with integrity, conscientiousness, and compassion throughout his career.

Dr. Eugene J. Barrett

Ph.D., M.D., University of Rochester
Madge M. Jones Professor of Diabetes
Professor of Medicine
School of Medicine 1991–2022

Eugene Barrett is a world-renowned researcher and clinical expert in diabetes.

Dean Robert Carey recruited Barrett to UVA from Yale University in 1991, to be the director of the UVA Diabetes Center. Since that time, Barrett has been deeply committed to the School of Medicine, and has demonstrated profound excellence in research, clinical care, education, and mentorship throughout his career.

Barrett served as the Department of Medicine's associate chair for research from 1997 to 2002 and vice chair from 2000 to 2003. He was program director for UVA's General Clinical Research Center from 2002 to 2012. Barrett has published nearly 200 peer-reviewed publications and has almost 25,000 citations. He has served on many editorial boards, including as Associate Editor for the *American Journal of Physiology-Endocrinology and Metabolism.*

Barrett brought more than $29 million in funding to UVA from the NIH alone. He was a member of the American Diabetes Association (ADA) National Board of Directors from 1997 to 2004, including terms as vice president, 2001 to 2002, president-elect, 2002 to 2003, and president, 2003 to 2004. He chaired the ADA's National Professional Practice Committee and has been a member of several significant joint ADA and American Psychiatric Association's Consensus Conferences. In 2022, Dr. Barrett spearheaded the renewal of the NIH Research Training in Neuroendocrinology and Metabolism T32 grant.

Mr. Craig H. Benson

Ph.D., The University of Texas
Janet Scott Hamilton and John Downman Hamilton
Professor of Civil Engineering
School of Engineering and Applied Science 2015–2022

Craig Benson is a geoenvironmental engineer with a distinguished record of research. His focus areas include engineered barriers for waste containment systems, engineering for sustainability and life cycle analysis, sustainable infrastructure, and beneficial use of industrial byproducts.

Of his deanship, former provost Liz Magill recognized that he "catalyzed exciting research programs across a range of disciplines and specialties," and noted, "Engineering's future leaders will be forever lucky to build on this strong foundation." Benson's strategic approach resulted in increases of 40% in faculty research proposals, 90% in sponsored research, and 50% in doctoral program enrollment. He has more than 300 research publications and three U.S. patents.

Benson works at the interface of the built and natural environments, dealing with interactions between conditions at the earth's surface and the subsurface. In most cases, the important objectives of his work are designing engineering systems that prevent contamination, reduce emissions, or save energy.

Benson was inducted to the National Academy of Inventors in 2018.

Mr. Louis A. Bloomfield

Ph.D., Stanford University
Professor of Physics
College and Graduate School of Arts & Sciences 1985–2023

Louis Bloomfield is best known for his extremely popular course and textbook *How Things Work: The Physics of Everyday Life*, now in its 5th edition.

Bloomfield has spent his entire academic career at UVA and has received many of the University's most prestigious awards, including: the Henry St. George Tucker Award in 2002; Phi Eta Sigma Teacher of the Year in 2003; Z Society Distinguished Faculty in 2012; and the All-University Faculty Teaching Award in 2021.

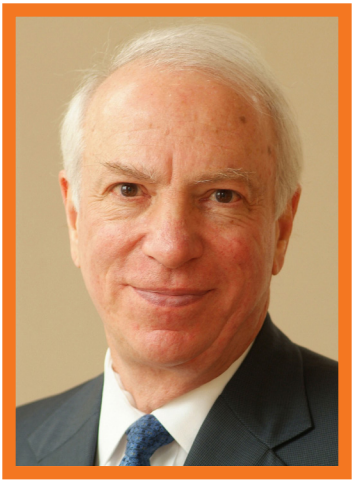
Bloomfield is recognized as a popular applied physics authority in major news publications, including *USA Today*, *Huffington Post*, and the *Washington Post*. He produced a series on sports during the 2016 Summer Olympics, won regional Emmy awards for other sports commentary, and more recently, worked with UVA on instructional videos on social distancing during the COVID-19 pandemic.

Bloomfield is beloved by UVA students for another creative innovation: "Lou's List"— an unofficial course catalogue that students used in tandem with UVA's official Student Information System (SIS).

As a College Fellow Bloomfield developed a new Engagements course for first-year students, "How Do You Measure a Rainbow?" In his teaching statement, he explained, "Its focus isn't on rainbows, it's on measurement. Its goal is to teach students how to think quantitatively about all aspects of the world: scientific, social, political, and human. Whereas 'How Things Work' encourages students to think deeply and analytically about the physical world they live in, 'Measure a Rainbow' asks them to think deeply and analytically about every facet of life."

Mr. Richard J. Bonnie

LL.B., University of Virginia
Harrison Foundation Professor of Medicine and Law
School of Law 1969–2023



Richard Bonnie is an expert in the fields of criminal law and procedure, mental health and drug law, public health law, and bioethics.

Bonnie has been a member of the National Academy of Medicine since 1991 and its NAM Action Collaborative on Countering the U.S. Opioid Epidemic since 2018. Among other positions, he served as secretary of the first National Advisory Council on Drug Abuse (1976 to 1980), and chair of a Commission on Mental Health Law Reform at the request of the chief justice of Virginia (2006 to 2011).

Bonnie has chaired more than a dozen studies for the National Academies on subjects ranging from elder mistreatment to underage drinking, including the landmark report, “Ending the Tobacco Problem: A Blueprint for the Nation” (2007). In 2017, he chaired a study on policies needed to address the opioid epidemic in the United States and is now chairing a study to improve the well-being of adolescents. Bonnie has served as an adviser to the American Psychiatric Association (APA) since 1979. He received the APA’s Isaac Ray Award in 1998 for contributions to forensic psychiatry, and special presidential commendations in 2003 and 2016 for service to American psychiatry. He has also served on three MacArthur Foundation research networks, most recently, Law and Neuroscience. He is a consultant to the American Academy of Neurology’s Committee on Ethics, Law, and Humanities.

Bonnie’s first book, *The Marijuana Conviction: A History of Marijuana Prohibition in the United States*, is considered a drug policy classic. He is the 54th recipient of the University’s highest honor, the Thomas Jefferson Award.

Mr. Robert F. Bruner

D.B.A., M.B.A., Harvard University
University Professor and
Distinguished Professor of Business Administration
Darden School of Business 1982–2023

Robert Bruner is a financial economist and global expert in finance and management.

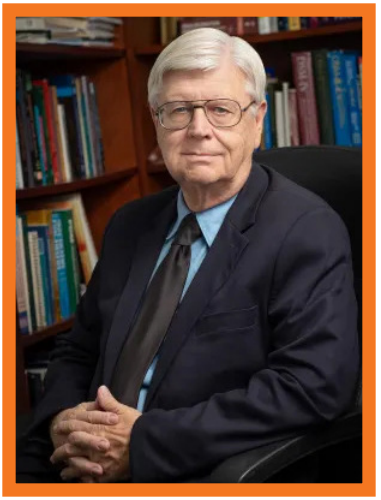
The author or co-author of over 20 books and 400 teaching case studies, he has been honored with many of the leading teaching awards at the University and within the Commonwealth of Virginia.

During Bruner's tenure as dean from 2005 to 2015, Darden reached new heights and levels of ambition and excellence in countless dimensions. Through his humility and kindness, the school also remained a deeply human place in which the unique culture and strength of community was paramount. Upon completion of his two terms as dean and his return to the faculty, UVA President Teresa Sullivan observed, "Darden is recognized worldwide for student satisfaction and for delivering the best graduate business education experience. Bob and his team have achieved this reputation through curricular innovations, the launch of two new formats of the Darden MBA, an unrelenting search for top faculty and student talent, and attention to every detail of the academic experience."

In 2011, Bruner was the first business school dean to be awarded Dean of the Year by *Poets & Quants*, a popular digital magazine focused on candid critiques of the graduate business education market. In addition to being a master case teacher in the classroom, Bruner's cases have sold over one million copies worldwide, furthering Darden's mission well beyond UVA. In recent years, Bruner's service and leadership to the University has included serving on the search committee for the Executive Vice President and Chief Operating Officer and organizing the Project on Democracy and Capitalism at the Miller Center.

Dr. Roger C. Burket

M.D., George Washington University
Professor of Psychiatry and Neurobehavioral Sciences
School of Medicine 2001–2022



Roger Burket is a pediatric psychiatrist who has served as chief, Developmental Disorders Section and director, Child and Family Psychiatry in the Department of Psychiatry and Neurobehavioral Sciences at UVA. He also served as the training director for the Child and Adolescent Psychiatry Fellowship Training program.

Burket's accomplishments have included significantly expanding clinical services to rural areas in Virginia, increasing fellowship positions in the department, and leading three successful site visits to the department from the Accreditation Council for Graduate Medical Education. He has overseen the training of more than 70 child psychiatry fellows.

Burket is a member of the School of Medicine's Academy of Distinguished Educators and received an Outstanding Mentor Award from the American Academy of Child and Adolescent Psychiatry. He also served two terms on the UVA Medical Student Admissions Committee. Burket has served as primary investigator or consultant on over 40 training grants, pharmaceutical clinical trials, and federally sponsored studies and is the author or co-author of more than 30 articles and book chapters on children's mental health topics, and over 60 abstracts, posters, and presentations.

Burket is a distinguished fellow of the American Psychiatric Association and the American Academy of Child and Adolescent Psychiatry.

Mr. W. Bernard Carlson

Ph.D., University of Pennsylvania
Joseph L. Vaughan Professor of Humanities
Professor of Engineering and Society
School of Engineering and Applied Science 1986–2023

Bernard Carlson is a historian of technology who studies the careers of inventors and entrepreneurs to educate future engineering leaders.

Carlson grew up in New Jersey and studied history and physics as an undergraduate; after earning his doctorate, he was a postdoctoral fellow in business history at the Harvard Business School.

He has published three books, including a biography of Nikola Tesla, which has sold over one million copies and been translated into 12 languages. He is co-editor of the book series *Inside Technology*, which includes over 60 books on the history and sociology of technology. In addition, he is committed to helping broad audiences understand the role of technology in society, which has led to projects such as the 36 lectures on “Great Inventions” that he released on DVD with The Teaching Company. For his scholarship, Carlson has received the Sally Hacker Prize for Best Popular Book from the Society for the History of Technology (SHOT) and the Institute of Electrical and Electronic Engineers’ Middleton Award in Electrical History.

Carlson has served as the executive secretary for SHOT and as a consultant for Corning Incorporated and other organizations. At UVA, he helped create the Committee for the History of Environment and Technology and created both the Engineering Business minor and the Technology Entrepreneurship programs. He is a member of the Raven Society.

Dr. Helen P. Cathro

M.B.Ch.B., University of Dundee
Professor of Pathology
School of Medicine 1997–2022

Helen Cathro has been the lead pathologist at UVA for many years, specializing in renal pathology, providing expert diagnosis for patients with renal disease, and supporting the renal transplant program.

Cathro's clinical research earned her an international reputation, and her scholarship includes authoring or co-authoring eight chapters in textbooks on diagnostic pathology and 40 peer-reviewed articles. As an expert in kidney transplant pathology, she sat on an international panel: the Banff Working Group for Evaluation of Adjunctive Diagnostics in Renal Allograft Biopsy Interpretation. This multicenter group was set up to study donor specific antibody testing and the use of molecular markers to assess different types of kidney transplant rejection.

Cathro's expertise in renal tumors earned her status as a voting delegate on the International Society of Urologic Pathology Renal Tumor Panel, concerned with establishing diagnostic criteria used in renal tumor diagnostics. She is on the editorial board of the *American Journal of Clinical Pathology*, and a member of the Training and Educational Committee of the national Renal Pathology Society. She also is a member of Practical Reviews in Pathology and has given several case presentations to the International Academy of Pathology, including at their meetings in Cape Town, South Africa and Sao Paolo, Brazil.

Mr. Donal B. Day

Ph.D., University of Virginia
Research Professor of Physics
College and Graduate School of Arts & Sciences 1978–2023

Donal Day's research program is at the forefront of the study of the fundamental properties of the proton and neutron, the building blocks of the atomic nucleus.

After earning both his undergraduate and graduate degrees at UVA, Day became a prominent experimental research physicist, working with UVA's Jefferson Lab. The JLab is a Department of Energy national laboratory for nuclear physics research located in Newport News, Virginia.

The JLab is home to one of the world's most powerful electron microscopes, the Continuous Electron Beam Accelerator Facility (CEBAF). Day's group uses a technique called "spin degrees of freedom." Spin is a property of particles that can be thought of as a kind of intrinsic rotation. By using polarized targets and beams in experiments, the researchers control the spin of particles and observe how they interact with each other. This allows them to extract new information about the properties of the particles and gain new insights into long-standing problems in physics.

To do this research, the team developed specialized equipment called cryogenic polarized targets. JLab's Target Group is responsible for the design, construction, and operation of most of the targets used in its four experimental halls. These include large "cryotargets" of liquid hydrogen, capable of dissipating hundreds of watts, and operating in extremely high magnetic fields and at temperatures less than a degree above absolute zero.

Richard Lindgren, another Research Professor of Physics, is also being elected emeritus this year. With this recognition, Day and Lindgren join their colleague Donald Crabb, Research Professor of Physics, who was elected emeritus in 2018.

Ms. Emily E. Drake

Ph.D., Virginia Commonwealth University
Professor of Nursing, General Faculty
School of Nursing 1985–2022

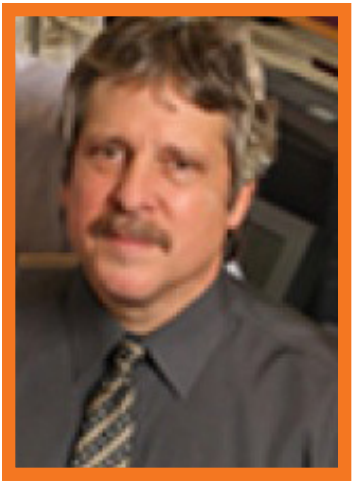
Emily Drake has taught thousands of students in maternal child health and nursing leadership.

Drake's teaching awards include the UVA School of Nursing's Innovative Teaching Award in 1997 and 1999, the UVA School of Nursing's Alumni Association Excellence in Teaching Award in 2000, the Association of Women's Health, Obstetric, and Neonatal Nurses (AWHONN) Excellence in Education Award in 2013, and the UVA School of Nursing Distinguished Professor Award in 2018. She has 34 peer-reviewed publications (11 in the past five years), 12 of those as the first author. The consummate mentor and educator, several of these publication credits are shared with student mentees. Additionally, she has 12 book chapters or editorials. She has served as principal investigator, co-investigator, or consultant on seven funded research studies.

Drake was the national president of AWHONN, president of the Sigma Theta Tau International Nursing Honor Society Beta Kappa Chapter (1998 to 2000) and has held committee or task force chair roles for AWHONN and the American Academy of Nursing. Drake has been active across the Commonwealth, serving the Virginia Health Commission, Virginia Health Department, the March of Dimes, the Charlottesville Free Clinic, and the UVA Women's Center. She was the school representative to the UVA Faculty Senate and UVA Health Professional Nursing Service Organization. She has been the assistant department chair for Family, Community, Mental Health Services since 2021, and was the program director of the Clinical Nurse Leader Program from 2017 to 2020, and the program director of the Bachelor of Science in Nursing Program from 2006 to 2011. Drake's impact on reducing maternal and infant mortality and postpartum depression has been far-reaching.

Dr. Sanford H. Feldman

Ph.D., M.D., Michigan State University
Professor Emeritus, General Faculty
School of Medicine and
The Center for Comparative Medicine 1977–2023



Sanford Feldman is a veterinarian whose influence on the University's animal research program has been transformational.

When Feldman was hired in 1977, UVA's animal research facilities were in need of substantial renovation. Changes in scientific paradigms and advances in genetic modification led to rapid, and unanticipated growth of UVA's animal program. During this rebuilding period, the animal research operation was in jeopardy of losing its accreditation with the Association for the Assessment and Accreditation of Laboratory Animal Care (AAALAC).

Feldman was able to deftly manage the conversion of UVA's facilities to more-modern mouse barrier housing, oversee growth of the program, renovate old facilities with the schools and develop new facilities. UVA regained full AAALAC accreditation long ago and progressed to become an exemplar in the field.

Feldman is not only an outstanding veterinarian, but a knowledgeable researcher. He has developed specialized diagnostic tools for detecting diseases in research animals. His expertise in animal research equipment and facilities ensured their safe and efficient functioning across Grounds.

When the University faced the prospect of losing Feldman to another institution, the rallying of support from the faculty was dramatic. And as UVA's search for his successor extended longer than anticipated, Feldman graciously agreed to delay his retirement until a successor could be identified. Feldman's expertise and dedication have made a tremendous difference to the University and its research programs.

Dr. James E. Ferguson II

M.D., Wake Forest University
M.B.A., George Washington University
W. Norman Thornton Jr. Professor of Obstetrics and Gynecology
School of Medicine 1987–2022

James Ferguson is an international expert in maternal-fetal medicine.

He was the chair of the Department of Obstetrics and Gynecology from 2009 to 2021. His other recent service included chairing the Standards Committee of the School of Medicine, the Benefits Committee of the University Physician's Group, and the Peer Support and Triage Committee of the Medical Center.

Ferguson developed state-wide perinatal outreach activities to reduce maternal and fetal mortality and disparities. His emphasis on patient safety, quality care, continuous performance improvement and innovation led to Newsweek naming UVA "Best Maternity Hospital" in 2020 and 2021.

Among developed nations, the U.S. has the highest and only rising rate of maternal death during pregnancy and the postpartum period. Ferguson created the Perinatal Quality Collaborative, which is actively addressing maternal opioid use, neonatal abstinence syndrome, preterm birth, and obstetric hemorrhage across Virginia.

Ferguson initiated the discussions that led to the establishment of a midwifery service at UVA in 2015. He also created a team to identify remote areas in need of better services through outreach or telemedicine, such as Haymarket, Warrenton, Culpeper, Lynchburg, and Farmville. The combination of his clinical expertise, creativity, and care have saved lives across the Commonwealth.

Ms. Elizabeth E. Friberg

D.N.P., University of Virginia
Associate Professor of Nursing, General Faculty
School of Nursing 2004–2023

Elizabeth Friberg's research focuses on functional assessment among the community dwelling elderly, and nursing student assessment.

Friberg was honored with the Daisy Award for Extraordinary Nursing Faculty in 2022. She has served as the editor or co-editor of four editions of a textbook titled *Conceptual Foundations: The Bridge to Professional Nursing Practice*. In Friberg's work as editor, she has written multiple chapters and has supported multiple other School of Nursing faculty members in contributing chapters to texts. Throughout the process, Friberg has mentored and supported faculty members with the book chapter writing process. This work has elevated the School of Nursing's reputation. Additionally, she has published quality improvement projects and presented her work with the Doctorate in Nursing program.

Friberg has been very active in the Virginia Nurses Foundation, and has served as a site evaluator for the Commission on Collegiate Nursing Education, a registered volunteer healthcare provider as part of the Thomas Jefferson Medical Reserve Corps, and on the board of directors at the Jefferson Area Board for Aging. She has been a reviewer for the *Journal of Doctoral Nursing Practice*, *Nurse Educator Today*, and the *Journal of Professional Nursing*. Her recent service to the University has included faculty mentorship, work on the Doctor of Nursing admission committee, and the Healthy Working Environment, as well as serving on the University Libraries Committee and the UVA Assessment Advisory Committee. Friberg has made significant contributions to the school, the University, and the region.

Dr. Shu Man Fu

Ph.D., Rockefeller University, M.D. Stanford University
Margaret M. Trolinger Professor of Rheumatology and Professor of Medicine
School of Medicine 1988–2023

Shu Man Fu is a rheumatologist with over 50 years of experience in his field, who has made seminal contributions to our understanding of systemic lupus.

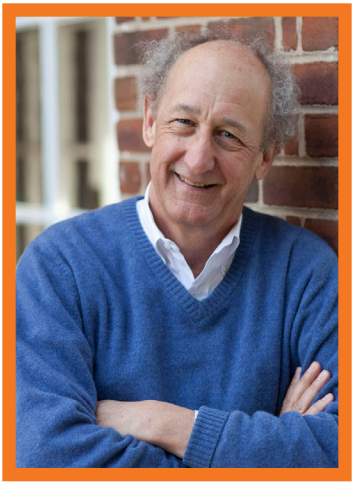
Fu's research has been continuously funded by the NIH since 1978. Fu's laboratory elucidated mechanisms leading to autoantibody diversification in systemic lupus and the role of HLA-DR in this process. He also studied microbial mimics of T cell autoantigens that can induce lupus autoantibodies. For his research accomplishments Fu was elected to the American Society of Clinical Investigation in 1979 and the Association of American Physicians in 1991. He was elected a fellow of the American Association for the Advancement of Science in 2008. He was elected Master of American College of Rheumatology (ACR) in 2007. Fu was awarded the 25th ACR Award of Distinction for Basic Science Research in 2012 and was awarded the UVA School of Medicine Award for Research Excellence in 2013.

Fu has served on 10 different editorial boards. He was a consultant for numerous NIH study sections and non-federal organizations such as the Arthritis Foundation and Alliance on Lupus Research.

Fu also served as division chief for Rheumatology from 1998 to 2007, during which time he revived the fellowship program and expanded clinical service. In 2007, Fu was presented with the Mentor of the Year Award by the Department of Medicine. He was the founding director of the Immunology Program at the UVA Cancer Center and participated in clinical practice for over 33 years at UVA. Felicia Gaskin, who is also elected emeritus this year, has been Fu's co-investigator.

Mr. James N. Galloway

Ph.D., University of California
Sidman P. Poole Professor of Environmental Sciences
College and Graduate School of Arts & Sciences 1976–2023



James Galloway investigates natural and anthropogenic controls on chemical cycles at the watershed, regional and global scales.

Galloway's current research focuses on beneficial and detrimental effects of reactive nitrogen as it cascades through the atmosphere, terrestrial ecosystems, and freshwater and marine ecosystems. He studies how to maximize the use of nitrogen for beneficial purposes like food production, while minimizing its negative impacts on ecosystems.

Galloway served as the Environmental Sciences department chair from 1996 to 2001 and associate dean of the sciences for the College of Arts and Sciences from 2009 to 2012. He has provided outstanding service to the broader scientific community and was elected to the National Academy of Sciences and the Virginia Academy of Science, Engineering, and Medicine. He is a fellow of both the American Association for the Advancement of Science and the American Geophysical Union. In 2008, he was awarded the prestigious Tyler Prize for Environmental Achievement.

Many undergraduates have appreciated the opportunity to conduct research with Galloway on various nitrogen cycling analyses from local to global scales. Galloway received the Campus Sustainability Research Award for establishing the Nitrogen Footprint Tool Network for colleges and universities in 2017, and the Student Council on Sustainability's faculty award in 2018. He is a member of the Raven Society.

Ms. Felicia Gaskin

Ph.D., University of California
Norman J. Knorr Professor in the School of Medicine
Research Professor of Psychiatry and Neurobehavioral Sciences
School of Medicine 1988–2023

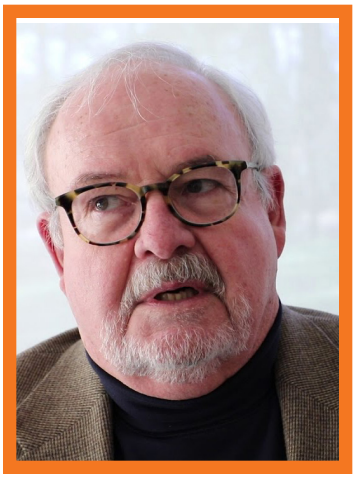
Felicia Gaskin is a scientist who has made significant contributions to the field of cell biology and immunology. Her research has focused on understanding the structure and function of proteins, as well as the role of the immune system in Alzheimer's disease and lupus.

Gaskin has been continuously funded by the NIH for 25 years on R01 grants as a principal investigator, and 12 years as principal investigator on a Core 50 grant. Additionally, she has co-investigated several NIH R01 grants for more than 30 years. Gaskin has published 93 papers in journals, book chapters, and symposium presentations, and has nearly 8,000 citations. One of Gaskin's most cited papers, "Characterization of Microtubule Assembly in Vitro," describes her discovery that microtubule proteins (MTPs) responsible for the assembly and disassembly of microtubules also have microtubule-associated proteins (MAPs) in a constant ratio. She identified one MAP, called tau, which is a major component of "neurofibrillary tangles," that accumulate inside nerve cells in the brains of people with Alzheimer's disease. Gaskin's research on Alzheimer's disease included studying cell lines from Alzheimer's disease patients that were transformed by the Epstein-Barr virus. She found that these cell lines had more antibodies to tangles and amyloid beta compared to cell lines from age-matched people who did not have Alzheimer's disease. This discovery suggests that the immune system may play a role in Alzheimer's disease.

Gaskin has been a co-investigator with Shu Man Fu, who is also elected emeritus this year. They researched the human leukocyte antigen (HLA) genes, which regulate the immune system. Their findings suggest that certain HLA alleles are associated with an increased risk of developing lupus.

Mr. E. Michael Gerli

Ph.D., University of California
Commonwealth Professor of Spanish
College and Graduate School of Arts & Sciences 2000–2023



Michael Gerli is a distinguished scholar and globally recognized authority in the field of Medieval and Renaissance Spanish Studies. His research interests encompass the social, intellectual, and cultural history of the Western Mediterranean, including North Africa, from the Middle Ages through early modernity. Gerli's immense erudition and academic achievements are widely admired, and he has lectured extensively around the world.

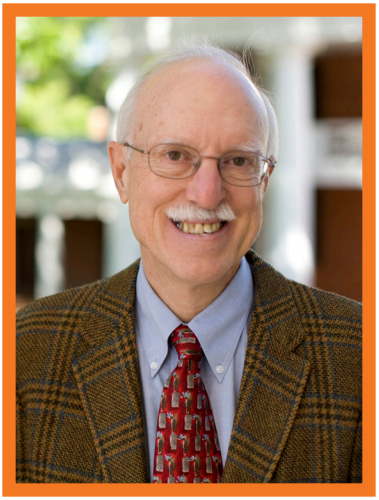
Gerli's scholarly contributions are prolific, encompassing 16 books and over 200 publications, many of which have been recognized with prestigious awards and honors. Notably, his 2011 book, *Celestina and the Ends of Desire*, received the Modern Language Association of America's Katherine Singer Kovacs Prize for an outstanding book published in English or Spanish in the field of Latin American and Spanish literatures and cultures.

In addition to his scholarship, Gerli has held fellowships and grants from several esteemed organizations, including the National Endowment for the Humanities, the American Council of Learned Societies, and the Program for Cultural Cooperation between Spain's Ministry of Culture and United States Universities. He has also served as an elected representative to the Modern Language Association and twice as the chair of the division of Medieval Hispanic Languages and Literatures.

Gerli's influence extends to the editorial boards of numerous journals and presses in both the U.S. and abroad. He has had a significant impact on the lives and careers of students interested in studying medieval and Renaissance Spanish literature and culture, and his dedication to the profession, intellectual generosity, and enthusiasm have inspired many colleagues.

Dr. Richard L. Guerrant

M.D., University of Virginia
Thomas Harrison Hunter Professor of International Medicine
Professor of Medicine
School of Medicine 1974–2023



Richard Guerrant is an internationally recognized expert on enteric infections who founded the University's Center for Global Health Equity.

His distinguished career includes serving as the Chair of the Board on Global Health for the Institute of Medicine/National Academy of Medicine, and conducting fieldwork in Congo, Bangladesh, and Brazil. With the support of the NIH and his colleagues in Brazil and South Africa, Guerrant has made significant contributions to understanding the relationship between enteric infections and malnutrition, which can have long-term effects on growth, cognitive development, and metabolic syndrome. He has identified a semantic fluency impairment in cognitive function related to enteric infections and discovered that the Alzheimer's risk gene, ApoE4, may also protect children in favelas from diarrhea and cognitive impairment, perhaps helping explain the evolution of this troubling allele.

Guerrant's impressive publishing record includes senior editorship of *Tropical Infectious Diseases* and *At the Edge of Development: Health Crises in a Transitional Society*, as well as over 700 scientific articles (including 18 with UVA's three Nobel Laureates). He has received numerous accolades, including the Walter Reed Medal, the Infectious Diseases Society of America Mentor Award, and the National Foundation for Infectious Diseases Maxwell Finland Award. Guerrant is also a gifted teacher, having instructed medical students in physical diagnosis and parasitology at UVA for many years. Guerrant has secured more than 50 years of funding and authored 12 books (including four editions of *Tropical Infectious Diseases*) and holds seven patents.

Mr. Harry Harding Jr.

Ph.D., Stanford University
University Professor and Professor of Public Policy
Frank Batten School of Leadership and Public Policy 2009–2022

Harry Harding is a global expert on contemporary Chinese politics, U.S.-China relations, and East Asian international relations.

Harding is the founding dean of the Frank Batten School of Leadership and Public Policy at UVA, a leadership role he held from 2009 to 2014. Before joining UVA, he was a professor at George Washington University and a senior fellow in the Foreign Policy Studies program at the Brookings Institution. Harding is also an adjunct professor at National Chengchi University in Taipei where he holds a Yushan Scholarship, the highest honor awarded by Taiwan's Ministry of Education. He has recently held visiting appointments at the University of Hong Kong and the Hong Kong University of Science and Technology.

From 1995 to 2005, Harding was dean of the Elliott School of International Affairs at the George Washington University, and from 2005 to 2007 was Director of Research and Analysis at Eurasia Group, a political risk research and advisory firm based in New York. He has served on the boards of several educational and non-profit institutions as well as on the U.S.-China Joint Commission on Science and Technology and the U.S. Defense Policy Board.

Harding is renowned for his passionate teaching of courses on U.S.-China policy and leadership, embodying the ideals and vision of Frank Batten Sr. whose commitment to leadership and public service is reflected in the core values and vision of the Batten School. His teaching philosophy is centered on developing leaders who are ready to find innovative solutions to the world's most pressing policy challenges.

Mr. David L. Hill

Ph.D., Ohio University
Professor of Psychology
College and Graduate School of Arts & Sciences 1986–2023

David Hill is a highly respected neuroscientist who has spent over three decades studying the neurophysiological, morphological, and behavioral development of the taste system.

Hill's research has focused on investigating the neural mechanisms that govern taste perception, preference, and aversion at the level of the neurons. Hill's work employs both animal models and human participants to examine how different taste stimuli activate gustatory neurons.

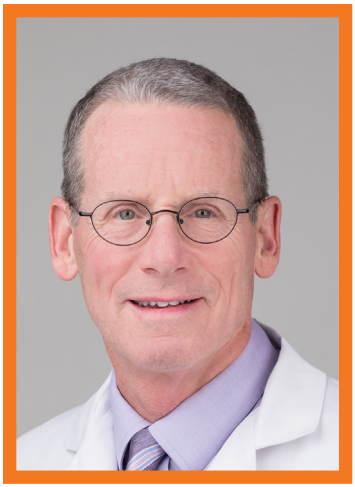
Throughout his career, Hill has made several seminal discoveries in understanding the development and function of the gustatory system. His research has been continuously funded and has resulted in numerous articles published in peer-reviewed journals. His work has been supported by grants from the National Institutes of Health and the National Science Foundation.

Aside from his research, Hill is also a dedicated teacher and administrator. He founded and directed the Undergraduate Program in Neuroscience in 2002 and was director of the Neuroscience Graduate Program for four years. Hill also served as the department chair for 10 years in the Department of Psychology. In 2020, he began a two-year stint as the Associate Dean of the Sciences.

In 2022, Hill assumed the role of Interim Dean of the College and Graduate School of Arts and Sciences during Ian Baucom's transition from dean to Executive Vice President and Provost. Hill's contributions to the field of neuroscience, as well as his leadership roles in academia, have made him a highly respected and valuable member of the University community.

Dr. Brian C. Hoard

D.D.S., Virginia Commonwealth University
Associate Professor of Dentistry
School of Medicine 1980–2023



Brian Hoard is a highly regarded dentist, serving as the chair and medical director of the dentistry department at UVA. He offers dental services at UVA dental clinics, as well as in Sports Medicine and the Sleep Disorders Center, with a focus on dentoalveolar trauma, sports dentistry (including providing mouthguards for UVA sports teams), and dental management of obstructive sleep apnea.

After completing his residency in general practice dentistry at UVA in 1978, Hoard joined the faculty, and under his leadership, the department has maintained an accredited residency training program in General Dentistry. Prior to becoming chair, Hoard served as dental director of the Children's Medical Center and residency director of the General Practice Residency.

Hoard has also made significant contributions to the field of dentistry as an academician, publishing articles and book chapters and serving as a peer reviewer for the *Journal of Aesthetic and Restorative Dentistry*. He has been actively involved in both clinical supervision and didactic instruction for the dental residency program at UVA for many years.

Mr. James M. Howe

Ph.D., University of California
Thomas Goodwin Digges Professor of Materials Science
School of Engineering and Applied Science 1991–2022

James Howe researches the application of in-situ high-resolution and analytical transmission electron microscope techniques to study mechanisms of phase transformations and the structure and properties of interphase boundaries at the atomic level, and the use of valence electron energy-loss spectroscopy (plasmons) to understand and determine the physical properties of nanoscale materials and interfaces.

Howe has authored or co-authored the following books in these research areas: *Interfaces in Materials* (1997), *In-Situ Electron Microscopy* (2012), and *Transmission Electron Microscopy and Diffractometry of Materials* (4th edition 2013). He was a visiting professor at Osaka University in 2006 and at the University of Vienna in 2007. Since 1994, he has been involved in organizing the International Conference on Solid→Solid Phase Transformations in Materials (PTM). He has 308 publications and almost 6,000 citations. Howe is stepping down from his role as the director of 's Nanoscale Materials Characterization Facility (NMCF). He has held this position for over 18 years, during which the facility has significantly grown in both equipment and personnel. The facility now boasts state-of-the-art microscopes that allow for atomic-level imaging and analysis, as well as several other tools that can determine the composition and structure of various materials. The NMCF staff has also grown from a single member to a team of five professionals with diverse areas of expertise in material characterization and analysis.

In addition to his research, Howe organized facility operations during the renovation of Jesser Hall and oversaw the development of remote training modules for instrumentation during the pandemic.

Mr. Donald F. Hunt

Ph.D., University of Massachusetts
University Professor and Professor of Chemistry
College and Graduate School of Arts & Sciences 1968–2023

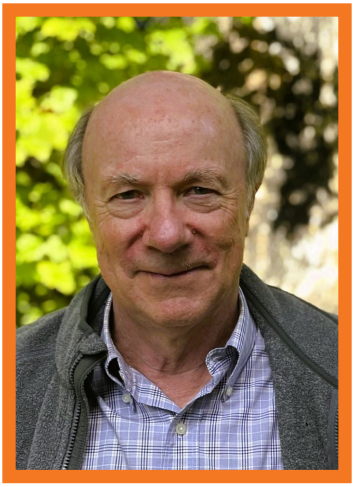
Donald Hunt is an analytical biochemist whose lab launched the field of phospho-proteomics. Hunt's lab developed several well-known mass spectrometry techniques to advance the research that looks for sites of phosphorylation on peptides and proteins.

Hunt was named Virginia's Outstanding Scientist in 1992, and the accolades have unfurled since: Distinguished Contribution Award from the American Society for Mass Spectrometry in 1994, the Christian B. Anfinsen Award from the Protein Society for development of new technology in the field of protein chemistry in 1996, the Chemical Instrumentation Award sponsored by the American Chemical Society in 1997, the Frank F. Field and Joe L. Franklin award presented by the American Chemical Society for outstanding achievement in the field of mass spectrometry and the Thomson Medal from the International Mass Spectrometry Foundation in 2000, the Distinguished Accomplishment Awards from the Human Proteome Organization in 2006, the Association of Biomolecular Resource Facilities in 2007, the Distinguished Scientist Award at the University of Virginia in 2010, and the School of Medicine Dean's Award for Excellence in Team Science in 2012. He was elected as a member of the American Academy of Arts and Sciences in 2014, won the American Chemical Society Award in Analytical Chemistry and received the inaugural award for Outstanding Contributions in Proteomics from the US Human Proteome Organization in 2017, and won the Distinguished Contribution Award from the Association for Mass Spectrometry Applied to the Clinical Lab in 2019.

Hunt is a co-inventor on more than 18 patents and patent applications and has more than 400 scholarly publications to his credit. His 60,728 citations ranks him among the top 130 living chemists in the world.

Mr. William R. Johnson

Ph.D., Massachusetts Institute of Technology
Georgia S. Bankard Professor of Economics
College and Graduate School of Arts & Sciences 1974–2023



William Johnson has devoted his career to the study of labor economics while a faculty member at UVA for almost five decades. Higher education, marriage and divorce, income inequality, and racial inequality in labor markets are among his areas of focus.

Johnson is a prolific researcher and has had numerous papers published in the highest ranked journals of the profession including the *American Economic Review*, the *Quarterly Journal of Economics*, and the *Journal of Political Economy*. His service to the profession includes a long-running stint as editor of the *American Economic Association Papers and Proceedings* and a lengthy term as editor of the *Journal of Labor Economics*. Additionally, from 2004 to 2005 Johnson served as president of the Southern Economic Association.

He served as department chair and engaged in many other service activities at the University, while teaching both undergraduate and graduate courses in labor economics and undergraduate courses in microeconomics and urban economics.

Mr. Douglas Laycock

J.D., University of Chicago
Robert E. Scott Distinguished Professor of Law
School of Law 2010–2023

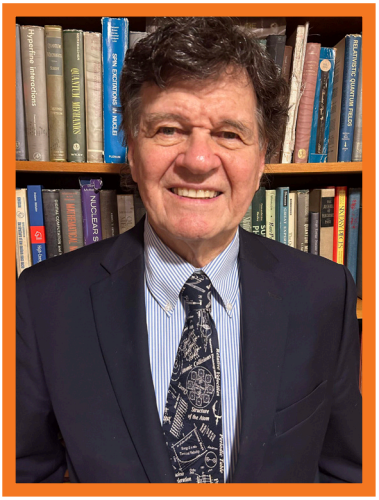
Douglas Laycock is a renowned law professor, constitutional law scholar, and the nation's leading authority on the law of remedies and on the law of religious liberty. A prolific scholar, Laycock has authored or co-authored 19 books and over 200 articles and essays on topics including religious liberty, constitutional law, and civil procedure. He has served as legal counsel in six cases before the Supreme Court and has authored over 35 amicus briefs with the Court.

Laycock authored the leading casebook *Modern American Remedies*, now in its fifth addition, and the award-winning monograph *The Death of the Irreparable Injury Rule*. His noteworthy legal writings on religious liberty are collected in a comprehensive five-volume set; this work spans his four decades of scholarship and work in this field.

Laycock is currently working as a reporter on the American Law Institute's *Restatement (Third) of Torts: Remedies*. He has served as vice president of the American Law Institute, where he also served on the Council and is now Council Emeritus. He is also a fellow of the American Academy of Arts and Sciences. He has received numerous awards and honors throughout his career, including the Lifetime Achievement Award from the Section on Remedies of American Association of Law Schools, the Law School's Roger and Madeleine Traynor Faculty Achievement Award, the Civitatis Award from the University of Texas at Austin, and the Scribes Book Award for the aforementioned *The Death of the Irreparable Injury Rule*.

Mr. Richard A. Lindgren

Ph.D., Yale University
Research Professor of Physics
College and Graduate School of Arts & Sciences 1985–2009



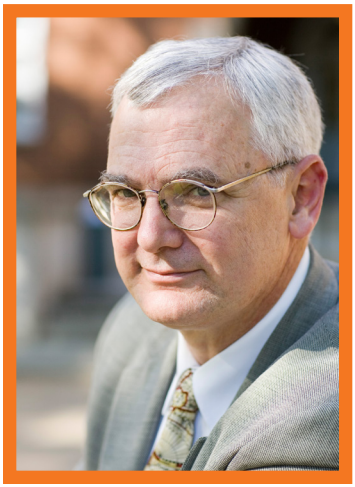
Richard Lindgren, who retired from the University in 2009, joins his colleagues Donald Crabb and Donal Day as research faculty emeriti in recognition of their work in UVA's Jefferson Lab (JLab).

Lindgren has been an integral part of the JLab's research efforts since joining the UVA faculty in 1986. His research at the JLab has focused on studying the structure of the proton, as well as other related topics in nuclear physics. He served as the head of the nuclear and particle physics division at the JLab from 2011 to 2014. During his time in these leadership roles, Lindgren played a key role in shaping the research programs at the JLab and advancing studies of nuclear physics more broadly.

In addition to his research and leadership roles at the JLab, Lindgren has also been a strong advocate for the facility and its mission. He has worked to secure funding for research programs and has served as a spokesperson to various funding agencies and government officials. Lindgren has also been active in the JLab Users Group, which is a community of scientists who use the facility for their research. Lindgren made significant contributions to the advancement of the JLab as a world-class research facility.

Mr. Allen Lynch

Ph.D., Columbia University
Professor of Politics
College and Graduate School of Arts & Sciences 1992–2023



Allen Lynch is a highly regarded expert in Russian foreign policy, comparative politics, and the intersection of international order and political development.

Also a senior research associate at the Center for Russian Studies at East China Normal University, Shanghai, he is author of numerous works on Russian foreign and domestic policy, including *Vladimir Putin and Russian Statecraft* (2011). His scholarship has been published in Russian, Chinese, French, and German. He has been writing for the Foreign Policy Association since 1992, recently publishing an essay on Putin's Russia.

In addition to his distinguished academic career, Lynch is a celebrated teacher and recipient of a UVA All-University Teaching Award and the American Political Science Association's award for outstanding teaching in political science. He has taught over 20 different courses at UVA, supervised many theses, and served on numerous dissertation committees. In addition to his contributions as a teacher, Lynch held significant leadership positions within the Department of Politics and the College and Graduate School of Arts & Sciences, serving on various search and promotion and tenure committees, and contributing to faculty governance and community service. Lynch has made lasting contributions to the department and the study of Russian politics.

Ms. M. Elizabeth Magill

J.D., University of Virginia
David and Mary Harrison Distinguished Professor of Law
School of Law 1997–2012
Executive Vice President and Provost 2019–2022

Elizabeth Magill is the first woman to have served as Executive Vice President and Provost in the history of the University. She is currently the President of the University of Pennsylvania.

Magill clerked for Judge J. Harvie Wilkinson III of the U.S. Court of Appeals for the Fourth Circuit and then for U.S. Supreme Court Justice Ruth Bader Ginsburg before joining the faculty of the School of Law. She taught courses in administrative law, legislation, and statutory interpretation at UVA for 15 years and served as the school's vice dean from 2009 until 2012 before leaving to become dean of Stanford Law School. During her tenure as dean at Stanford, she worked to enhance the school's interdisciplinary programs, promote diversity and inclusion, and expand opportunities for student engagement in real-world legal issues.

In 2019, Magill returned to the University of Virginia to serve as executive vice president and provost. In this role, she oversaw the academic affairs of the University and worked to develop strategies to enhance the educational experience for students and faculty. She was widely recognized for her leadership during the COVID-19 pandemic, when she worked tirelessly to ensure that the University's academic programs continued to run smoothly despite the many challenges posed by the crisis. Magill is a fellow of the American Academy of Arts and Sciences and an elected member of the American Law Institute. She has held prestigious fellowships at Princeton University, Harvard Law School, and Downing College, Cambridge University.

Ms. Barbara J. Mann

Ph.D., University of Virginia
Wyeth-Ayerst Associate Professor of Infectious Diseases and Associate Professor of Medicine
School of Medicine 1988–2023

Barbara Mann is a renowned researcher and expert in the fields of biotechnology, infectious diseases, and microbiology.

Mann has spent her career studying diverse phyla in the microbial world, including fungi, bacteria, protozoa, and most recently the SARS CoV-2 virus. Mann helped to characterize a major adhesin of the enteric pathogen *Entamoeba histolytica*, which led to the development of a diagnostic detection test for the parasite for which, along with William A. Petri, she was awarded Inventor of the Year from the University's Licensing & Ventures Group in 2003.

When there was a call for research on select pathogens with potential as a biological weapon, Mann responded and switched her research focus to the highly virulent, biosafety level 3 (BSL3) bacteria *Francisella tularensis*. Her work in this area included the identification of essential virulence factors and the development of a protective vaccine. Because of her expertise in working with a high containment BSL3 pathogen, Mann again switched her research focus to the SARS CoV-2 virus, the cause of COVID-19. She established mouse models of COVID-19 at UVA and assisted other investigators in pursuing COVID-19-related research.

Mann has been chair of the Institutional Biosafety Committee, vice chair for Research in the Department of Medicine, and vice chief of Research and Faculty Development for the Division of Infectious Diseases. She has been recognized with several awards including the Sharon L. Hostler Women in Medicine Leadership Award and the Faculty of the Year Award in the Division of Infectious Diseases.

Dr. G. Paul Matherne

M.D., Texas A&M University, M.B.A., University of Virginia
J. Francis Dammann Professor of Pediatric Cardiology
Professor of Pediatrics
Professor of Practice in Business Administration
School of Medicine, Darden School of Business 1988–2023

Paul Matherne is a pediatric cardiologist who has demonstrated great energy, creativity, and commitment to UVA's patients and their families throughout his distinguished career.

Matherne established the Children's Heart Center, beginning its journey toward national prominence. He served the University in many capacities including as division head of Pediatric Cardiology, associate chair and then vice chair of Pediatrics, Children's Service Line Lead, and Chief Medical Officer of UVA Medical Center.

Matherne joined the UVA faculty as a clinician scientist in 1987. During his research career he received over $4 million in funding and published 90 peer-reviewed and invited articles and book chapters. After 20 years in the lab, he changed his focus to administrative duties after receiving a masters of business administration degree from the Darden School of Business. He has taught at Darden for the past 12 years, developing six electives. Matherne is currently teaching Darden School of Business courses on health care and the nonprofit sector. He has published 38 business cases and serves as the Darden faculty advisor for the joint medical and masters of business administration degree.

Matherne has been very involved with the American Heart Association (AHA) and has served as president of the Mid-Atlantic Affiliate of the AHA and chair of the AHA's Council on Cardiovascular Disease of the Young (CVDY). He also served as a member of the AHA Scientific Council's Oversight Committee and the AHA Strategically Focused Children's Research Network Oversight advisory committee. Matherne received the AHA council on CVDY Distinguished Achievement Award in 2018.

Ms. Vanessa L. Ochs

Ph.D., Drew University
Professor of Religious Studies
College and Graduate School of Arts & Sciences 1998–2023

Vanessa Ochs is a scholar of Judaism and Jewish Studies with a focus on the intersection of religion and everyday life. Ochs' research interests include Jewish liturgy, ethics, and material culture, as well as the role of religious practice in creating and sustaining community.

Ochs is the author of many articles and four books, including *Words On Fire: One Woman's Journey Into The Sacred* (1990), *Sarah Laughed* (2004), *Inventing Jewish Ritual*, which won the 2007 National Book Award in Jewish Thought, and *The Passover Haggadah: A Biography* (2020). She was awarded a Creative Writing Fellowship by the National Endowment for the Arts. Ochs investigates new Jewish ritual, Jewish feminism, the Passover Haggadah, and Jewish material culture. She continues to explore the theme of Jewish sensibilities, which has become the central focus of the journal *Sh'ma* and the work of the Lippman Kanfer Foundation and is now featured as a curriculum produced by Hillel International.

In the classroom, Ochs is renowned by students for her personable presence and a teaching style that emphasizes lived experience, embodiment, and service. She has taught on topics such as Jewish feminism, Jewish weddings, the Passover Haggadah, ethnographic fieldwork in religion, and spiritual writing. Ochs has also worked with UVA Health for more than 20 years by serving in the Interfaith Chaplaincy Pastoral Education program and, for the last eight years, chairing its advisory group.

Ms. Karen H. Parshall

Ph.D., University of Chicago
Commonwealth Professor of Mathematics and History
College and Graduate School of Arts & Sciences 1988–2023

Karen Parshall is an internationally renowned scholar and leading figure in the fields of the history of science and the history of mathematics, with a particular focus on the history of algebraic topology and the development of mathematics in the 19th and early 20th centuries.

Parshall has authored and co-authored *Taming The Unknown: History of Algebra from Antiquity to the Early Twentieth Century* (2014), *James Joseph Sylvester: Jewish Mathematician in a Victorian World* (2006), *Mathematics Unbound: The Evolution of an International Mathematical Research Community 1800–1945* (2002), *James Joseph Sylvester: Life and Work in Letters* (1998), and *The Emergence of the American Mathematical Research Community, 1876–1900: J. J. Sylvester, Felix Klein, and E. H. Moore* (1994).

Parshall won numerous grants from the National Science Foundation, including one in 2002 to support her research on the history of algebraic topology, affording her the opportunity to examine original manuscripts and documents, including the work of Henri Poincaré, one of the founders of the field. She won the 2018 Albert Leon Whiteman Prize of the American Mathematical Society for notable exposition and exceptional scholarship in the history of mathematics, and was elected a fellow of the American Society for the Advancement of Science in 2020.

Parshall served as chair of the history department from 2016 to 2019 and as associate dean for the social sciences, in the College and Graduate School of Arts and Sciences from 2009 to 2012. She was also president of the International Commission on the History of Mathematics and was a founding member and the first president of the Association for Women in Mathematics.

Mr. Gustavo Pellón

Ph.D., State University of New York
Professor of Spanish, Italian, and Portuguese
College and Graduate School of Arts & Sciences 1983–2023

Gustavo Pellón is one of the foremost experts on Latin American literature, culture, and theory. His research interests include postcolonial theory, postmodernism, literary theory, translation and the relationship between politics and the contemporary novel in Latin America.

Pellón's books include *The Jubilant Vision of José Lezama Lima: A Study on Paradiso and Other Works in Prose* (English, 1989 and a Spanish version with supplementary essays in 2005) and *Upstarts, Wanderers or Swindlers: Anatomy of the Picaro, A Critical Anthology* (1986). He also translated many works including Martín Luis Guzmán's *The Shadow of the Strongman (*2017) and Mempo Giardinelli's *An Impossible Balance* (2010). Pellón says that the happiest day of his professional life was when he received the request to translate *The Underdogs: Pictures and Scenes from the Present Revolution,* Mariano Azuela's seminal account of the Mexican Revolution.

Pellón served in numerous administrative roles in service to his department and UVA in addition to teaching and working with the Departments of Spanish, Italian, and Portuguese, French, and Women, Gender & Sexuality. For many years, he has shared his expertise with Virginia's larger community of teachers of Spanish language, literature, and culture by organizing workshops for the Center for the Liberal Arts.

Mr. Hung Q. Pham (P.Q. Hung)

Ph.D., University of California
Professor of Physics
College and Graduate School of Arts & Sciences 1982–2023

P.Q. Hung is a distinguished physicist and professor who has made significant contributions to the fields of theoretical and computational condensed matter physics.

Hung's research focuses on the fundamental understanding of the properties and behaviors of materials at the atomic and molecular scale, and his work has been recognized for its significance in advancing the field of condensed matter physics.

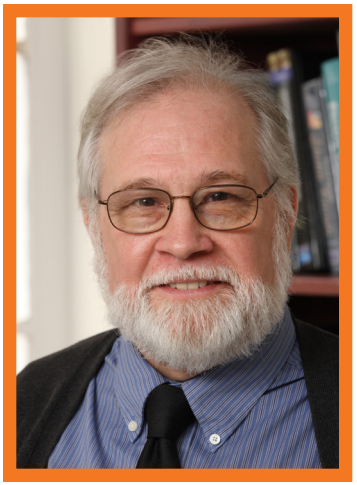
Hung has been a leader in the development of new computational methods for studying the properties of materials at the atomic and molecular scale. His work has helped to expand our understanding of the electronic properties of materials, as well as the behavior of complex materials such as superconductors and magnetic materials.

In addition to his research contributions, Hung has been a dedicated teacher and mentor to numerous undergraduate and graduate students at UVA, along with students at Hue University in Vietnam, where he has been a visiting professor. In 2013, he received the Medal for the Cause of Science and Technology awarded by the Ministry of Science and Technology of Vietnam.

Hung is working with the Monopole and Exotics Detector at the LHC (MoEDAL) collaboration. MoEDAL is an international scientific collaboration that involves several institutions and scientists, including CERN (the European Organization for Nuclear Research), where the Large Hadron Collider is located.

Mr. Harry C. Powell Jr.

Ph.D., University of Virginia
Professor of Electrical and Computer Engineering, General Faculty
School of Engineering and Applied Science 2001–2022



Harry Powell is an electrical engineer who has devoted his time at UVA to uplifting the undergraduate experience.

In 2009, Powell won the School of Engineering and Applied Science Distinguished Service Award and, in 2016, the Electrical and Computer Engineering Outstanding Teacher Award. He received the Electrical and Computer Engineering Faculty Innovation Award in 2010, 2011, 2016, and 2021. In 2014, he received the Hartfield-Jefferson Teaching Award and was admitted to the National Instruments Elite Educators Program. That same year, he also won the National Instruments Excellence in Engineering Education Award.

Powell was instrumental in developing the studio learning space in Thornton Hall, which has garnered national attention in the engineering education communities. He worked closely with donors to make the “National Instruments Engineering Discovery Laboratory” a reality. This hands-on learning space has benefitted many students and is one of the centerpieces of the School of Engineering and Applied Science.

The American Society for Engineering Education (ASEE) Southeastern Section (SE) aims to promote excellence in engineering education, research, and public service in the southeastern region of the United States. Powell has served as secretary, vice-chair, and chair of the Electrical Engineering Division, the Computer Engineering Division, and the Administrative Division of the ASEESE. He also served as a vice-president, directing the awards unit. In this capacity, he increased the dollar amount awarded and developed a rubric that is now a standard in the awards process. At the national level, Powell has been a member of ASEE’s Educational Laboratories Oriented Studies Division and served as its director for three years.

Dr. Christopher M. Rembold

M.D., Northwestern University
Professor of Medicine
School of Medicine 1987–2023

Christopher Rembold is a doctor and scientist who is highly respected internationally for his work on how arteries' smooth muscles contract and relax at a molecular level. He discovered that by increasing calcium levels inside smooth muscles, certain proteins are activated, causing them to contract. Rembold also found a way to relax the muscle without decreasing protein activation, which he called force suppression. He also studied how the muscle can remain contracted even with reduced protein activation, which he called force augmentation.

Rembold's research challenged the belief that increased calcium levels would spread evenly throughout the cell. Instead, he discovered that calcium levels inside the nucleus of the cell are regulated separately from those in the rest of the cell.

Rembold's clinical interests have been in continuing the University's Preventive Cardiology Program, first started in the 1960s, and directed by him since 2009. This program treats patients with a high risk of cardiovascular morbidity based on family history, complicated hypertension, severe dyslipidemia and insulin resistance. He has given prevention-oriented lectures locally, nationally, and internationally.

Rembold is a member of the School of Medicine's MilliPub Club, denoting that he has a paper with over 1000 citations. Since Rembold's directorship, UVA's outpatient cardiology clinics have been among the highest rated for patient satisfaction.

Ms. Jeanita W. Richardson

Ph.D., University of Virginia
Professor of Public Health Sciences
School of Medicine 2008–2023

Jeanita Richardson is a thought leader in the field of health equity and on community initiatives to address the social determinants of health.

As the inaugural Distinguished Center for Global Health Professor and co-principal investigator of the NIH-funded Minority Health International Research Training Grant, Richardson created a robust research and education program in partnership with the St. Kitts and Nevis Ministry of Health.

Richardson was awarded two national grants to support the development of innovative education programs. One focused on her creation of the Pathways program, a graduate student recruitment program designed to increase the numbers of highly qualified master of public health degree applicants from historically under-represented groups. Another grant funded her Globalizing the Curriculum program , designed to help faculty enhance course offerings supportive of the University's commitment to prepare graduates to engage as global citizens.

The bedrock of all of Richardson's work is her commitment to respectful, sustainable community-university engagement and empowerment, applying both qualitative and quantitative methods. Her work involves strategic planning, collaborative goal setting, and translating research findings into form community-facing groups and non-profits can understand and use.

The years she spent building trust with community organizations made it possible for Richardson to be a leader in facilitating COVID-19 testing and vaccinations among under-served populations during the pandemic.

Ms. Deborah A. Roach

Ph.D., Duke University
Professor of Biology
College and Graduate School of Arts & Sciences 1998–2023

Deborah Roach is a biologist who has made seminal contributions to understanding aging.

Roach's groundbreaking research challenges the long-held belief that plants do not experience age-related decline like animals due to their ability to continually produce new tissues. Her groundbreaking study on sea rocket plants found that older plants had reduced reproductive success, which indicated age-related decline. Additionally, her research highlighted the role of environmental stress in accelerating the aging process.

Roach's contributions were recognized by her peers when was she was elected a founding board member and then president of the Evolutionary Demography Society. In 2020, she published *Biodemography: An Introduction to Concepts and Methods*, an authoritative overview of the concepts and applications of biological demography, with James R. Carey. This accessible and innovative book is an essential resource for demographers, epidemiologists, gerontologists, and health professionals as well as ecologists, population biologists, entomologists, and conservation biologists.

Roach chaired the Department of Biology from 2020 to 2023 and was a member of the SCHEV Task Force on Experiential Learning/Internship Opportunities from 2020 to 2021. She also served on the UVA provost office's Teaching Awards Committee for a decade.

Ms. Elizabeth R. Sharlow

Ph.D., Pennsylvania State University
Research Professor of Pharmacology
School of Medicine 2011–2023

Elizabeth Sharlow is a nationally recognized expert in early drug discovery, especially with respect to high throughput and high content screening techniques used to rapidly and efficiently test large numbers of compounds or molecules for their potential as drugs.

Prior to joining the UVA faculty in 2011, Sharlow was a founding faculty member at the University of Pittsburgh Drug Discovery Institute. She has also worked for Johnson & Johnson and PROLX Pharmaceuticals, providing her with unique perspectives and scientific capabilities.

Sharlow has served as co-chair of the NIH high-throughput screening section (2016 to 2021). She also designed, directed, and taught a Department of Pharmacology graduate course focusing on drug discovery, giving the University's biomedical sciences students access to drug discovery and development perspectives. Sharlow has published 61 peer-reviewed manuscripts, 39 since joining UVA. She holds a U.S. patent, resulting from her research efforts at UVA, and currently has two pending patent applications. She has been awarded, as principal investigator or co-investigator, roughly $4 million in grants and philanthropic funding.

Sharlow is also an avid entrepreneur. Along with John Lazo and Peter Wipf, she co-founded a startup company, KeViRx, Inc., in 2016. KeViRx focuses on the development of novel small molecules that target drivers of human cancer and acute lung injury. Sharlow is the founding CEO of KeViRx and upon retirement, will become CEO in a full-time capacity. She has led KeViRx and has raised over $1 million in non-dilutional funding for the company. KeViRx is now also a J&J innovations lab in Washington D.C.,and a Blue Knight company.

Mr. David E. Smith

Ph.D., Texas A&M University

Professor of Environmental Sciences, General Faculty

College and Graduate School of Arts & Sciences 1983–2023

David Smith is an environmental scientist who researches the physiology and ecology of plankton communities, including predator-prey relationships, trophic interactions at intermediate levels within the food chain, planktonic larval recruitment processes, and the dynamics of gelatinous microzooplankton, such as jellyfish.

Smith has taught long-running field courses in tropical biology and ecology in both the Bahamas and Belize, which were peak experiences for hundreds of undergraduate students. Most recently, Smith taught Marine Environments and Organisms, and a highly interdisciplinary course on conservation. For many years, Smith led this course, which included faculty and students from the College and Graduate School of Arts & Sciences, the School of Law, and the McIntire School of Commerce.

Smith has served as the director of UVA's Environmental Conservation certificate program for undergraduate students. In 1991, Smith began serving as the associate chair for the Environmental Sciences Department. He continued to do so for more than for 30 years, working with eight different department chairs. During this time, he coordinated the design and construction efforts for the expansion and renovation of Clark Hall, managed the department budget of roughly $10 million, and was the project manager for several large building projects at our Anheuser-Busch Coastal Research Center on the eastern shore of Virginia. He has been instrumental in departmental fundraising, helping to bring in over $17 million in donor contributions, including a transformational gift for coastal research.

Smith was the president of the Association of Ecological Research Centers and served on its board from 2007 to 2012.

Dr. Sara F. Sutherland

M.D., University of California,
M.B.A., University of Pennsylvania
Associate Professor of Emergency Medicine
School of Medicine 2008–2022

Sara Sutherland is an emergency medicine physician whose experience as a clinical leader and educator has impacted thousands of patients and students.

As a physician, Sutherland has cared for nearly 40,000 patients in emergency crises. She brings a unique set of knowledge and experienced based abilities involving altitude impacted care, skills she mastered on 12 trips to the Himalayan region as a trek physician.

Sutherland became the medical director for the UVA Medical Scribe Program in 2014. Under her directorship, the program has nearly tripled in size. This multi-million-dollar program has impacted the future of medicine by providing scribes with unparalleled exposure to clinical knowledge.

Sutherland has been active in research as a sub-investigator, investigator, author, editor, and presenter. She has collaborated with her colleagues on industry and government funded projects and protocols. To further the impact of her research, she has worked with others as author or editor on peer-reviewed articles, books, and chapters as well as abstracts and national-level presentations and discussions.

Sutherland appreciates the value of community and teamwork. She has been instrumental in negotiating medical billing issues on behalf of the department to ensure fair compensation is awarded for services provided. She has volunteered on medical mission trips to Haiti and most recently with Afghani refugee transport from Qatar to the United States.

Mr. Patrick H. Tolan

Ph.D., University of Tennessee
Charles S. Robb Professor of Education
School of Education and Human Development 2009–2022

Patrick Tolan is the founding director of Youth-Nex: The UVA Center to Promote Effective Youth Development.

Tolan has developed and evaluated school, family, and community interventions to promote positive development and prevent violence. He is a highly productive scholar in these areas, having published over 200 articles, books, monographs, and chapters, and has secured consistent funding for his research for the past 30 years. The impact of his research on practice and policy is evidenced by his numerous honors including the Nicholas Hobbs Award for Contributions to Research and Advocacy for Child Mental Health from the Society for Child & Family Practice and Policy in 2016. He was elected a fellow of the Society of Prevention Research and received a Presidential Citation from the American Psychological Association for his work on youth violence prevention.

Tolan has served on four editorial boards (*Prevention Science*, *Journal of Abnormal Child Psychology*, *Journal of Family Psychology,* and *Journal of Marital and Family Therapy*) and previously served on six other editorial boards. He has also served on advisory boards, such as those for the Institute for the Reduction of Youth Violence (Simon Fraser University, Canada), the Executive Council for the Society for Research on Adolescence, the Scientific Advisory Committee for the Military Children's Education Coalition, the national Campaign for Youth Justice, and the Blueprints for Healthy Development at the Center for the Study and Prevention of Youth Violence Program. He has also been a grant reviewer and research consultant for government agencies such as the NIMH, NSF, NIH, and CDC.

Dr. John D. Voss

M.D., University of Virginia
William Parson Professor of Teaching Excellence and Professor of Medicine
School of Medicine 1999–2022

John Voss is a clinician educator specializing in clinical epidemiology and health care management.

For 23 years, Voss has served as a primary care physician, inpatient ward attending physician, and educational and health services researcher. During the past 12 years, he also served as the vice-chair for Quality and Patient Safety, and UVA Health chief quality officer for the Department of Medicine. He has provided leadership and served as a liaison for medical center quality efforts, such as designing and implementing cutting-edge methods for improving safety and quality for both the Department of Medicine and the broader University.

Voss developed health economics simulations and competency-based educational software that have been used nationally and internationally. He is respected as an expert regarding all aspects of hospital mortality. Under Voss's leadership, the UVA Health mortality coalition is currently rewriting the institutional sepsis care protocols, order sets, and guidelines and implementing standardized RN sepsis screening for all acute care and ICU units. Voss has led the Department of Medicine Clinical Analytics Laboratory, which has worked on analyzing Medical Center mortality and length of stays, as well as regional and local hospital bed availability during the pandemic.

Voss' team has developed and implemented the RAMP (the Real Time Analytic Monitoring Platform). RAMP extracts data from the patient information system, implements predictive algorithms and sends both active and passive alerts to platforms ranging from wall mounted monitors, desktops, tablets, mobile phones or back into the patient system. His multidisciplinary team innovated improvements to acute care unit notification systems.

Dr. Mark Yeager

Ph.D., M.D., Yale University
Harrison Distinguished Teaching Professor of Molecular Physiology and Biological Physics
School of Medicine 2007–2022

Mark Yeager is a highly accomplished scientist who has made significant contributions to the field of structural biology. His research focuses on studying large molecular structures using cutting-edge techniques such as cryo-electron microscopy and other advanced methods.

Yeager was recruited by UVA from the Scripps Research Institute in 2007. He became the Andrew P. Somlyo Chair of the Department of Molecular and Biological Physics, and held that position until 2018. His primary focus has been on researching membrane proteins, specifically gap junction channels, and structural virology, with a particular emphasis on the study of HIV-1 assembly and maturation. Yeager has authored 31 manuscripts in respected scientific journals, including *Nature*, *Science*, and *Cell*. His h-index is 63, and he has 42 publications with over 100 citations out of a total of 157.

One of Yeager's most significant contributions during his time at UVA was the establishment of the molecular electron microscopy core, which brought cryo-electron microscopy (cryoEM) to the University in the early 1990s. Today, the core is equipped with three major cryoEM instruments, including the flagship Titan Krios, and is one of the best molecular cryoEM facilities in the mid-Atlantic region. Yeager's leadership also helped in recruiting successful faculty members to the department.

Yeager pre- and postdoctoral trainees now hold prestigious positions or became professors at other institutions. His contributions to the scientific community earned him a fellowship in the American Academy of Arts and Sciences in 2015, a significant achievement that recognizes his outstanding contributions to the field of biological physics.

Dr. Terrance A. Yemen

M.D., University of Saskatchewan
Associate Professor of Anesthesiology
School of Medicine 1997–2022

Terrance Yemen is an anesthesiologist known for his clinical acumen and outstanding ability to educate.

In 2019, Yemen was selected by his School of Medicine peers to receive the Master Clinician Award, a testament to the respect he has earned during his time at UVA. Yemen is revered for his pediatric anesthesia skills and serves as a mentor for many junior faculty.

Across Grounds, Yemen is a favorite educator for medical students and Graduate Medical Education trainees. Early in his career, he was recognized by the resident physicians three separate times when they selected him for faculty teaching awards in 1992, 1993, and 2006. He was also elected a member of the Academy of Distinguished Educators at UVA in 2006. During the height of the pandemic, he held weekly pediatric journal clubs via Zoom. The residents loved this small group teaching setting. He served as a faculty advisor or mentor for 22 former residents from the department of Anesthesiology, many who have gone on to complete competitive fellowships and become leaders in the field.

Yemen has given over 100 talks at various conferences, meetings, and symposiums, where he has discussed important topics related to anesthesia and medicine. In addition to his speaking engagements, Yemen has made significant contributions to the field as the author of two books: *The Neuroanesthesia Handbook* and the *Pediatric Anesthesia Handbook*. Both have been praised for their comprehensive and practical approach to anesthesiology.