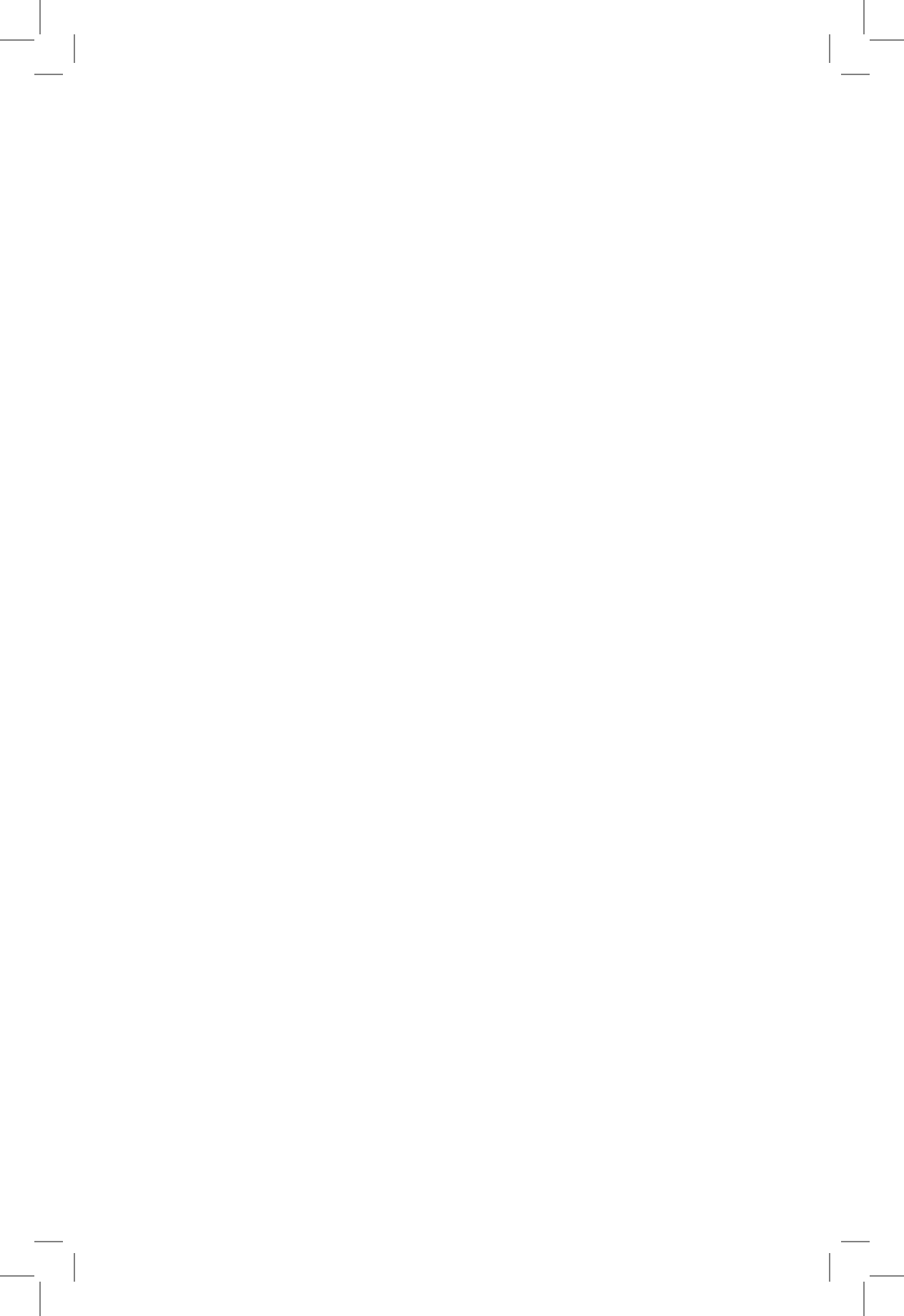


THE ASSOCIATIONS OF SENIOR AND EMERITUS FACULTY
OF THE PERELMAN SCHOOL OF MEDICINE (ASEF-PSOM)
AND THE UNIVERSITY OF PENNSYLVANIA (PASEF)

SPRING 2019
NEWLY RETIRED &
EMERITUS PROGRAM
AND RECEPTION

WEDNESDAY MAY 8, 2019

Jordan Medical Education Center Atrium
University of Pennsylvania



SPRING 2019
NEWLY RETIRED & EMERITUS
PROGRAM AND RECEPTION

4:00 PM ARRIVAL
WINE AND CHEESE

4:20 PM WELCOME

Lois Evans, PhD, RN
PASEF PRESIDENT

Joel Greenberg, PhD
ASEF-PSOM PRESIDENT

GREETINGS

Anita L. Allen, JD, PhD
VICE PROVOST FOR FACULTY

4:45 PM RECEPTION
Hot and Cold Hors d'oeuvres

2018–19 FACULTY HONOREES

Portonovo S. Ayyaswamy, PhD, ME, MS

MECHANICAL ENGINEERING AND APPLIED MECHANICS, SCHOOL OF
ENGINEERING AND APPLIED SCIENCE

Portonovo Ayyaswamy is the Asa Whitney Professor of Dynamical Engineering in the Department of Mechanical Engineering and Applied Mechanics. His research has addressed multiphase flows and transport, bio heat/mass transfer, and ionized plasma transport. He is the recipient of the 2014 Max Jakob Memorial Award from the American Society of Mechanical Engineers and the American Institute of Chemical Engineers for distinguished work in the area of heat transfer.

H. Jorge Baluarte, MD

PEDIATRICS, PERELMAN SCHOOL OF MEDICINE

Following a nephrology fellowship (St. Christopher's Hospital, Philadelphia) and a faculty appointment at Temple University, Dr. Baluarte became a member of the faculty at UPenn from 2000 to 2018. He was recognized for his outstanding clinical and teaching skills, while treating patients with chronic renal disease and renal transplants. He received the Victor C. Vaughn Teaching Award, the Jean A. Cortner Divisional Teaching Award and the NKF Excellence in Pediatric Care Award (2018).

Kevin Brownlee, PhD

ROMANCE LANGUAGES, SCHOOL OF ARTS AND SCIENCES

Kevin Brownlee is Professor of Medieval French and Italian literature in the Department of Romance Languages. His research interests in French range from the 12th through the 15th centuries. He is currently working on issues of cultural authority and genealogy in late medieval France in ways that interrogate the notion of the historico-literary "period." His work in Italian involves the Duecento and Trecento, from Brunetto Latini through Dante to Petrarch. He has published widely on Dante's transformative rewritings of the Classical poets (especially Ovid and Virgil), as well as on Dante's language theory.

Rebecca W. Bushnell, PhD

ENGLISH, SCHOOL OF ARTS AND SCIENCES

The School of Arts and Sciences Board of Overseers Emerita Professor of English, Rebecca Bushnell is a former Dean of the School of Arts and Sciences. She has written books on subjects including Greek and Renaissance tragedy, early modern political thought, humanist pedagogy, early modern English gardening books, and time in drama, film, and videogames. Her current project is an anthology of writing about the natural world before 1700.

Peter F. Davies, PhD

PATHOLOGY AND LABORATORY MEDICINE, PERELMAN SCHOOL OF MEDICINE

Dr. Davies was recruited to Penn from the University of Chicago as Founding Director of the Institute for Medicine & Engineering 1996–2012. Dr. Davies is recognized for seminal research in cell and molecular mechanotransduction and is a leading authority on the role of hemodynamic mechanisms in cardiovascular physiology and atherogenesis. Robinette Foundation Professor of Cardiovascular Medicine 2005–15. Leadership of rigorous interdisciplinary biomedical research and training, and recipient of many international, national and local honors.

P. Leslie Dutton, PhD

BIOCHEMISTRY AND BIOPHYSICS, PERELMAN SCHOOL OF MEDICINE

Dr. Dutton's lab was interested in determining factors governing electron tunneling through natural proteins engaged in electron transfer, energy conversion, signaling, regulation and enzyme redox catalysis. It was involved in de novo design and synthesis of proteins engineered to perform natural functions such as electron transfer, proton translocation, charge driven conformational changes and redox catalysis in structured highly simplified settings.

David M. Eckmann, PhD, MD

ANESTHESIOLOGY AND CRITICAL CARE, PERELMAN SCHOOL OF MEDICINE

Dr. Eckmann conducted research and education at the intersection of medicine and engineering. His publications include work on nanoparticles for drug delivery, development of vascular biomaterials, fluid mechanics of gas embolism, and mitochondrial dynamics. He worked clinically at HUP. He retired from Penn but became the Founding Director of the Center for Medical and Engineering Innovation at The Ohio State University.

Sydney M. Evans, VMD, MS

RADIATION ONCOLOGY, PERELMAN SCHOOL OF MEDICINE

Dr. Evans' lab worked to determine causes of treatment resistance to human cancer, emphasizing hypoxia, measured by 2-nitroimidazole agent EF5. Most of these studies involved in vivo exams of animals and humans using intravenously administered agent, bound to hypoxic cells, recognized by fluorescent monoclonal antibody techniques. Fluorescence can be measured and converted into tissue pO₂. Since 1998, in clinical trials, they have evaluated hypoxia in brain tumors, head and neck cancers, sarcomas, cervical and intraperitoneal cancers. They have shown hypoxia measured by this technique correlates to the level of tumor aggression in glial brain tumors, soft tissue sarcomas and head and neck squamous cell cancers. Recently produced [F-18]-EF5 has led to analysis by positron emission tomographic (PET) studies, funded by the NIH.

Martin E. Franklin, PhD

PSYCHIATRY, PERELMAN SCHOOL OF MEDICINE

Dr. Franklin has spent his career studying anxiety phenomenology and treatment across the developmental spectrum. He came to Penn with the Center for the Treatment and Study of Anxiety and in 2009 founded COTTAGE, devoted to the treatment and research on pediatric OCD and related conditions.

Teresa Franklin, PhD

PSYCHIATRY, PERELMAN SCHOOL OF MEDICINE

Although retiring as Penn full time faculty, Dr. Franklin is continuing her research as adjunct faculty. Dr Franklin's goal as a neuroscientist was to uncover inter-individual variability, and therefore vulnerabilities to substance use disorders, with a major focus on cigarette addiction. Her group has shown that the brain response to drug reminders (cues), a predictor of relapse, is affected by multiple variables, including genotype, prior trauma, sex, and hormonal status. Understanding the mechanisms behind drug addiction will lead to effective strategies to treat it.

Larry Gladney, PhD

PHYSICS AND ASTRONOMY, SCHOOL OF ARTS AND SCIENCES

Larry Gladney held the position of Edmund J. and Louise W. Kahn Professor for Faculty Excellence in the Department of Physics and Astronomy. At Penn he served as Associate Dean for the Natural Sciences in SAS, chair of the Department of Physics and Astronomy, and chair of the Faculty Senate. He is now Professor of Physics and Phyllis A. Wallace Dean of Diversity and Faculty Development at Yale. His research focuses on the intersection of experimental particle physics and cosmology.

Eli Glatstein, MD

RADIATION ONCOLOGY, PERELMAN SCHOOL OF MEDICINE

Dr. Glatstein's research has focused on photodynamic therapy in the treatment of various tumors, including mesothelioma, non-small-cell lung carcinoma, peritoneal carcinomatosis and sarcomatosis.

Michael A. Golden, MD

SURGERY, PERELMAN SCHOOL OF MEDICINE

Dr. Golden's work and research interests have related to vascular surgery: aortic aneurysm repairs, endovascular leaks, and bypass grafts.

John Hansen-Flaschen, MD

MEDICINE, PERELMAN SCHOOL OF MEDICINE

Dr. Hansen-Flaschen is the founding Medical Director of the Paul Harron Lung Center and the Paul F. Harron, Jr. Family Professor of Medicine in the division of Pulmonary, Allergy and Critical Care of the Department of Medicine. He obtained his MD at New York University in 1976 and began his academic career at Penn immediately after. His research focuses on palliative and end-of-life care for patients with advanced respiratory disease with a special interest in the assessment and treatment of chronic breathlessness. He is a winner of the Lindback Award for Distinguished Teaching, as well as a winner of the Donna McCurdy Award, the Department of Medicine's highest teaching honor.

Abd Al-Roof Higazi, MD

PATHOLOGY AND LABORATORY MEDICINE, PERELMAN SCHOOL OF MEDICINE

Dr. Higazi directed an NIH lab in Immunology and Experimental Medicine for over 15 years focused on plasminogen activators. Several extra-fibrinolytic actions of tissue-type plasminogen activator (tPA) and urokinase (uPA) were identified, including effects on vascular tone and blood flow. The responsible vascular receptors and intracellular signal transduction pathways were identified. Several peptides and PA variants that inhibit these vascular changes were developed. Recently, this knowledge has been applied to the study of acute lung injury.

J. Wesley Hutchinson, PhD

MARKETING, THE WHARTON SCHOOL

Wes Hutchinson is Stephen J. Heyman Professor in the Department of Marketing at Wharton. His research addresses consumer and managerial decision making, particularly the interrelationships among attention, learning, confidence, decision making, and expertise in repeated choice environments. Professor Hutchinson is a past president of the Association for Consumer Research.

Robert P. Inman, PhD

FINANCE, THE WHARTON SCHOOL

Robert Inman is the Richard King Mellon Professor of Finance and Economics at Wharton. He also has appointments as Professor of Business Economics and Public Policy and Professor of Real Estate in Wharton. His research interests are political economy, public finance, and urban fiscal policy. He has been a member of the Philadelphia Mayor's Council of Economic Advisors.

John R. Kimberly, PhD, MS

MANAGEMENT, THE WHARTON SCHOOL

John Kimberly is the Henry Bower Professor of Entrepreneurial Studies and Professor of Management, Health Care Systems, and Sociology at Wharton. In addition to Penn, he has held appointments at INSEAD, Yale, University of Illinois, and Cornell. His research interests are health policy, institutional creation, managerial innovation, organizational change, and organizational design. During 2002–2014 he was the Executive Director of Wharton's Global Alliance with INSEAD.

Howard Kunreuther, PhD

OPERATIONS, INFORMATION AND DECISIONS, THE WHARTON SCHOOL

Howard Kunreuther is the James G. Dinan Professor in the Operations, Information and Decisions Department at Wharton and co-director of the Wharton Risk Management and Decision Processes Center. He has a long-standing interest in the role of public-private partnerships in mitigating and managing low-probability, high-consequence risks. After retiring, he will continue as the co-director of the Wharton Risk Center, now in its 35th year.

Marc S. Levine, MD

RADIOLOGY, PERELMAN SCHOOL OF MEDICINE

After a fellowship in Gastrointestinal Radiology at HUP, Dr. Levine remained on the faculty as a GI specialist. His interests included double contrast barium studies of the GI tract, GE reflux, swallowing dysfunction, benign and malignant lesions of the esophagus and stomach, the ileocecal valve, and the detection of leaks related to surgery.

Michael Alan Levine, MD

PEDIATRICS, PERELMAN SCHOOL OF MEDICINE

Dr. Michael A. Levine is Chief Emeritus of Endocrinology and Diabetes and Director of the Center for Bone Health at The Children's Hospital of Philadelphia. Dr. Levine holds the Lester Baker Endowed Chair and was Professor of Pediatrics and Medicine at the Perelman School of Medicine. Dr. Levine's research accomplishments have been the characterization of the genetic bases of endocrine diseases related to bone and mineral metabolism, and complement his clinical interests is skeletal dysplasias and endocrine diseases that affect bone and mineral metabolism.

Warren J. Levy, MD

ANESTHESIOLOGY AND CRITICAL CARE, PERELMAN SCHOOL OF MEDICINE

Dr. Levy's clinical interests have focused on monitoring of the central nervous system during and after cardiovascular surgery. He has studied the effects of Amiodarone loading, hypothermia, hypoxia/ischemia, etc., and has written about EEG monitoring and cardiac anesthesia.

Alexander C. Mamourian, MD

RADIOLOGY, PERELMAN SCHOOL OF MEDICINE

Dr. Mamourian did a fellowship in MR imaging (HUP-1984) and Neuroradiology. His interests include Neuroradiology pitfalls and artifacts and imaging physics.

Richard Marston, PhD

FINANCE, THE WHARTON SCHOOL

Richard Marston is the James R. F. Guy Professor of Finance at Wharton. He holds degrees from Yale and MIT, and was a Rhodes Scholar at Oxford University. His research interests are foreign exchange risk management, international asset pricing, and international investments. He is a recipient of the Matthew R. McArthur Award for outstanding contributions to investment management from the Investments & Wealth Institute™. Professor Marston has lectured extensively on investments throughout the U.S. and in many foreign countries.

Rebecca A. Maynard, PhD, MS

EDUCATION POLICY, GRADUATE SCHOOL OF EDUCATION

Rebecca Maynard is the University Trustee Chair Professor of Education and Social Policy Emeritus in the Graduate School of Education. Her research specialties are education and social welfare policy, economics of education, experimental and qualitative research methods, and research synthesis methods. She is a leading expert in the design and conduct of randomized controlled trials in the areas of education and social policy.

William McCool, PhD, CNM, RN

FAMILY AND COMMUNITY HEALTH, SCHOOL OF NURSING

William McCool is Associate Professor of Nurse-Midwifery in the School of Nursing, and director of Penn's Nurse-Midwifery Program. His research has studied the role of stress on outcomes of pregnancy. He helped create the first national survey to study the departure of experienced midwives from the profession, especially after unexpected adverse outcomes. Professor McCool has taught midwives in Guyana, Haiti, Egypt, and other countries.

Wallace T. Miller, MD

RADIOLOGY, PERELMAN SCHOOL OF MEDICINE

Dr. Miller's interests focused on diseases of the chest, primarily examined with MR and CT techniques. He studied the mediastinum, pulmonary embolism, and obstructive diseases of the trachea, as well as ground glass opacity on high resolution CT in diffuse interstitial lung disease, bronchiolitis obliterans syndrome, and diffuse infiltrative lung disease.

Richard A. Neill, MD

FAMILY MEDICINE AND COMMUNITY HEALTH, PERELMAN SCHOOL OF MEDICINE

Dr. Neill serves as Chief of the Division of Family Medicine in the Department of Family Medicine and Community Health, where he works with colleagues to run busy clinical services, a residency program, and education and research work. He also works with the ACGME in residency accreditation activities as well as the FDA's non-prescription drugs division.

Harvey L. Nisenbaum, MD

RADIOLOGY, PERELMAN SCHOOL OF MEDICINE

Dr. Nisenbaum joined HUP Dept of Radiology in 1993 and became Chairman of Medical Imaging at Penn Presbyterian Medical Center in 2001. Dr. Nisenbaum is currently the Immediate Past President of the World Federation for Ultrasound in Medicine and Biology (WFUMB). WFUMB's mission includes helping bring sustainable ultrasound programs to the underserved areas of the world through collaboration, communication and education and to help student ultrasound education worldwide.

Nicholas Papanicolaou, MD

RADIOLOGY, PERELMAN SCHOOL OF MEDICINE

Before joining Penn faculty in 2002, Dr. Papanicolaou was on faculty at Harvard Medical School and Cornell University Weill Medical College. He is the Co-Chief of the Body CT Section in Radiology at Penn and his clinical expertise includes various cancers such as colon, esophageal, liver, pancreatic and stomach.

Bruce R. Pawel, MD

PATHOLOGY AND LABORATORY MEDICINE, PERELMAN SCHOOL OF MEDICINE

After his Pathology Residency (UMDNJ) and a fellowship in Pediatric Pathology at Children's Hospital, Columbus, OH, Dr. Pawel became a member of a number of pediatric pathology professional organizations. His work became focused in pediatric oncology, where he wrote articles with colleagues on rhabdomyosarcoma, clear cell sarcoma in pediatric renal tumors, pediatric SMARCB-1 deficient tumors, pheochromocytoma/paraganglioma, localized Ewing's sarcoma, and markers of high-risk neuroblastoma.

Alan M. Polson, DDS, LDS, MS

PERIODONTICS, SCHOOL OF DENTAL MEDICINE

Alan Polson is D. Walter Cohen Professor and Professor of Periodontics at the School of Dental Medicine, where he has been chair of the Department of Periodontics and Associate Dean for Graduate Education. His research has addressed etiology, pathogenesis, occlusion, treatment, and regeneration of periodontal tissues. Before coming to Penn, he was chair of the Department of Periodontology at the University of Rochester.

Michael W. Ross, DVM

CLINICAL STUDIES-NEW BOLTON CENTER, SCHOOL OF VETERINARY MEDICINE

Michael Ross is Professor of Surgery in the Department of Clinical Studies at the New Bolton Center, School of Veterinary Medicine. He was the founding director of the Nuclear Medicine Program at New Bolton. His research deals with the equine musculoskeletal system and lameness, nuclear medicine techniques in horses, orthopedic and arthroscopic surgery, and upper respiratory surgery.

Anil K. Rustgi, MD

MEDICINE, PERELMAN SCHOOL OF MEDICINE

Dr. Rustgi's laboratory has long-standing interests in cell-type and tissue-type specific actions of oncogenes and tumor suppressor genes in modulating the initiation, progression and invasion of gastrointestinal cancers, especially upper GI, pancreatic and colon cancers. The lab employs novel three-dimensional cell culture systems (mouse and human origin) and genetically engineered mouse models to investigate molecular mechanisms. This work is supported by NIH grants in esophageal carcinomatosis, pancreatic cancer and colon cancer and has involved a large number of doctoral students and postdoctoral fellows.

Jorge J. Santiago-Aviles, PhD

ELECTRICAL AND SYSTEMS ENGINEERING, SCHOOL OF ENGINEERING AND APPLIED SCIENCE

Jorge Santiago-Aviles is Associate Professor of Electrical and Systems Engineering. He conducts research at the interface between electrical engineering and materials science, focusing on materials and devices for energy storage, nano-scale composites by electro-spinning, and electronic sensing/actuating. He has had a long association with Kings Court English House, where he is faculty director.

Mark S. Schreiner, MD

ANESTHESIOLOGY AND CRITICAL CARE, PERELMAN SCHOOL OF MEDICINE

Dr. Schreiner completed all of his training at Penn: Pediatrics (CHOP), Anesthesia (HUP) and Pediatric Critical Care and Anesthesia (CHOP), and joined the faculty at CHOP in 1984. His clinical work was primarily in the OR, and clinical research focused in OR-related issues and multicenter clinical trials. He was the full time IRB chair from 2005-2014.

Suzanne M. Shepherd, MD, MS

EMERGENCY MEDICINE, PERELMAN SCHOOL OF MEDICINE

Dr. Shepherd is the Medical Director of Penn Travel and her interests include animal attacks, marine intoxications, injuries and envenomations, drowning, travel care, infectious diseases, emerging infections and bioterrorism, immigrants and refugees care, mentoring, conservation. She is currently a Conservation Intern at the Philadelphia Zoo.

Wen K. Shieh, PhD, MS

CHEMICAL AND BIOMOLECULAR ENGINEERING, SCHOOL OF ENGINEERING AND APPLIED SCIENCE

Wen K. Shieh is Professor of Chemical and Biomolecular Engineering in SEAS. His research deals with the development of biological engineering processes for environmental applications, nitrogen removal, surface and ground water modeling, time series analysis of water and wastewater treatment facilities, and kinetic modeling of biodegradation processes.

Tony Smith, PhD

ELECTRICAL AND SYSTEMS ENGINEERING, SCHOOL OF ENGINEERING AND APPLIED SCIENCE

Tony Smith is Professor of Regional Science and Systems Engineering in the Department of Electrical and Systems Engineering. His areas of research are the theory and application of probabilistic models to spatial interaction behavior, probabilistic theories of choice behavior, spatial statistical analysis, and transportation and land use modeling. He has taught at Penn for 52 years, and after retirement plans to stay in Philadelphia and continue teaching.

Bruce I. Turetsky, MD

PSYCHIATRY, PERELMAN SCHOOL OF MEDICINE

Much of Dr. Turetsky's work has dealt with schizophrenia and the effects of a variety sensory inputs, including acoustic, visual, and olfactory, on neural circuitry.

Ralph J. Verdino, MD

MEDICINE, PERELMAN SCHOOL OF MEDICINE

Dr. Verdino is a cardiac electrophysiologist who trained at Stony Brook University, Mount Sinai Hospital and Georgetown University. He was an Assistant Professor at the University of Chicago before coming to Penn in 1999, where he ran the electrophysiology fellowship for over a dozen years and helped to train many electrophysiologists around the country. Dr. Verdino's passion is education and was involved in training medical students, residents and fellows at Penn.

R. Lee Vogel, MD

PEDIATRICS, PERELMAN SCHOOL OF MEDICINE

Dr. Vogel has had major clinical teaching responsibilities at CHOP for students, house officers and staff, especially involving pediatric cardiology, EKGs, and telemedicine. He served as Co-Director of the Open Medical Institute 2012, Salzburg CHOP Cardiology Seminar. Topics of his articles include the congenital long QT syndrome, and the effects of Isoproterenol on the cardiac conduction system.

Eric S. Weinberg, PhD

BIOLOGY, SCHOOL OF ARTS AND SCIENCES

After 39 years at Penn, Eric Weinberg has now become Emeritus Professor of Biology. His research has focused on gene structure and regulation, and on vertebrate embryonic development. He taught courses in Molecular Genetics and the Biology of Human Disease, and received the Department of Biology teaching award in 2012. He has served as Chair of the Graduate Group in Molecular Biology and as Undergraduate Chair of Biology.

George E. Woody, MD

PSYCHIATRY, PERELMAN SCHOOL OF MEDICINE

Dr. Woody began his Penn career in the substance abuse treatment program at the VA, became involved in research, received a career scientist award from NIDA, and has authored or co-authored 300 or more papers. He was awarded a Doctor Sui Causa from Pavlov State Medical University in St. Petersburg, Russia; the McGovern Award by the Association for Medical Education and Research in Substance Abuse; and the 2016 Prix Galien Award for contributions to treatment and HIV prevention among underserved populations in Russia.

Takashi Yonetani, PhD

BIOCHEMISTRY AND BIOPHYSICS, PERELMAN SCHOOL OF MEDICINE

Dr. Yonetani investigated the structure-function correlations in hemoglobins, cytochromes and peroxidases to elucidate the mechanisms of action. Molecular structure, reactivity and interactions of the hemoproteins with ligands, substrates, inhibitors and allosteric effectors have been probed. Dr. Yonetani's research interests include: ligand binding dynamics in myoglobin, allosteric mechanism in hemoglobin, and the mechanism of action of cytochrome c peroxidase.





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