INSTALLATION OF THE

John C. Malone Professorship

Thursday, June 21, 2018
The Johns Hopkins University and Hospital
Albert H. Owens, Jr. Auditorium
Koch Cancer Research Center
PROGRAM

WELCOME AND INTRODUCTION
Paul B. Rothman, MD
Frances Watt Baker, MD and Lenox D. Baker, Jr. MD Dean of the Medical Faculty
Chief Executive Officer, Johns Hopkins Medicine

PRESENTATION OF THE PROFESSORSHIP TO THE UNIVERSITY
T.E. Schlesinger, PhD
Benjamin T. Rome Dean
G.W.C. Whiting School of Engineering

ACCEPTANCE OF THE PROFESSORSHIP
Sunil Kumar, PhD
Provost
Johns Hopkins University

INTRODUCTION OF THE RECIPIENT
John W. Wong, PhD
Professor
Department of Radiation Oncology

RESPONSE
Jeffrey H. Siewerdsen, PhD
John C. Malone Professor
Department of Biomedical Engineering

CLOSING REMARKS
Michael I. Miller, PhD
Bessie Darling Massey Professor and Director
Department of Biomedical Engineering
John C. Malone

John C. Malone earned a Master of Science in industrial engineering from Johns Hopkins University in 1964, and in 1969, a Doctor of Philosophy in operations research.

Dr. Malone is widely recognized as a pioneer in communications and media. In 1973, he became chief executive officer of Tele-Communications Inc. (TCI), where he helped resolve the company’s finances and foster its growth. By 1981, TCI was the nation’s largest cable television operator. In 1998, in one of the largest sales in telecommunications history, AT&T announced that it would buy TCI and its subsidiary, Liberty Media, for $48.3 billion. In 2001, AT&T spun off Liberty Media, comprising mostly investments in cable programming channels. Today, Dr. Malone continues to serve as chairman of Liberty Media Corporation and of Liberty Global, which provides broadband distribution and video programming in Europe, Latin America, and Australia.

Dr. Malone has been remarkably generous in his support of Johns Hopkins University, including a gift for the construction and naming of Malone Hall. The building, which opened in 2014, was designed to advance cutting-edge collaborative and translational research and has set a new standard for academic and research facilities at the university. Dr. Malone has long believed in the promise of improving health care through the integration of engineering technologies with medical advances and has made a commitment to provide endowed professorships to faculty members who are improving health care using a systems-based approach.
Jeffrey H. Siewerdsen

Jeffrey H. Siewerdsen is a professor in Johns Hopkins University’s Department of Biomedical Engineering and holds joint appointments in the Department of Computer Science at the Whiting School of Engineering, as well as in the Russell H. Morgan Department of Radiology and in the Department of Neurosurgery at the School of Medicine. As vice chair for clinical and industry translation in the Department Biomedical Engineering, Dr. Siewerdsen facilitates new and expanded opportunities for clinical collaboration, translational research, and industry partnerships. He also founded the I-STAR Lab and co-directs the Carnegie Center for Surgical Innovation, each providing a home base at the Medical Campus for collaboration among engineers and clinical experts.

Since joining Johns Hopkins University in 2009, Dr. Siewerdsen has led a growing program for translational research in medical imaging and image-guided interventions. His primary research interests involve the physics of image quality and the development of new imaging technologies, with a focus on cone-beam CT for improved diagnostic accuracy and high-precision intervention. His main sources of inspiration – apart from his students – are his clinical collaborators, including key partnerships with neurosurgery, orthopaedic surgery, otolaryngology, radiation oncology, interventional radiology, and diagnostic radiology. He loves Hopkins Hospital, which he affectionately refers to as the “Red-Brick Schoolhouse” or the “Challenge Factory” – and engineers love a challenge. Among his accomplishments are the early development of flat-panel x-ray detectors and his pioneering work in cone-beam CT for image-guided surgery, image-guided radiation therapy, and diagnostic radiology – where in several cases, his work has come to represent the standard of care.

Dr. Siewerdsen earned his PhD in Physics from the University of Michigan in 1998. Before joining Johns Hopkins University, he was a research scientist at William Beaumont Hospital in Royal Oak, Michigan, and an associate professor and senior scientist at the Ontario Cancer Institute and University of Toronto.
The Malone Center for Engineering in Healthcare brings together engineers, clinicians, and care providers who are leveraging data analytics in novel ways, pioneering new technologies, and applying systems engineering principles to speed the deployment of research-based innovation that will enhance the efficiency, effectiveness, and consistency of health care.