Dedication and Installation of the John C. Malone Associate Professorship

Monday, October 29, 2018

The Johns Hopkins University
Mason Hall
Homewood Campus
Welcome and Presentation of the Associate Professorship to the University
  T.E. Schlesinger

Acceptance of the Associate Professorship
  Sunil Kumar

Remarks
  Jerry Krill

Introduction of the Recipient
  Joel S. Bader

Response
  Mark Dredze

Closing
  T.E. Schlesinger
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 providing endowed professorships to faculty members who are improving health care using a systems-based approach.
Mark Dredze is the John C. Malone Associate Professor of Computer Science at Johns Hopkins University. He is affiliated with the Malone Center for Engineering in Healthcare, the Johns Hopkins Applied Physics Laboratory, and the Center for Language and Speech Processing, among others. He holds a secondary appointment in the Department of Health Sciences Informatics in the School of Medicine. He earned his PhD at the University of Pennsylvania in 2009.

Professor Dredze’s research develops statistical models of language with applications to social media analysis, public health, and clinical informatics. Within Natural Language Processing (NLP), he focuses on statistical methods for information extraction, but has considered a wide range of NLP tasks, including syntax, semantics, sentiment, and spoke language processing. His work in public health includes tobacco control, vaccination, infectious disease surveillance, mental health, drug use, and gun violence prevention. He also develops new methods for clinical NLP on medical records.

Beyond publications in core areas of computer science, Professor Dredze has pioneered new applications in public health informatics. He has published widely in health journals, including the Journal of the American Medical Association (JAMA), the American Journal of Preventative Medicine (AJPM), Vaccine, and the Journal of the American Medical Informatics Association (JAMIA). His work is regularly covered by major media outlets, including NPR, The New York Times, and CNN.
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.