Announcement of the Malone Center For Engineering in Healthcare and Dedication and Installation of the John C. Malone Assistant Professorship

Friday, February 5, 2016

The Johns Hopkins University
The Johns Hopkins Club
Homewood Campus
John C. Malone earned a Master of Science in industrial engineering from Johns Hopkins University in 1964, followed by a Doctor of Philosophy in operations research in 1969.

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 and, 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.

Ilya Shpitser is a John C. Malone Assistant Professor in the Department of Computer Science at Johns Hopkins University.

Dr. Shpitser is interested in drawing intelligent conclusions from biased data, especially in complex multivariate settings. Examples of problems Dr. Shpitser works on include inferring cause-effect relationships from data under selection and confounding bias, correctly adjusting for the presence of systematically missing data, and learning model structure from constraints implied by hidden variables. Dr. Shpitser’s collaborations apply these ideas to data analysis problems in healthcare, medicine, and epidemiology.

Previously, Dr. Shpitser was a lecturer in statistics at the University of Southampton, and a research associate at the causal inference group headed by James M. Robins at the Harvard School of Public Health. He received his Ph.D. under the supervision of Judea Pearl at the University of California, Los Angeles.
P R O G R A M

WELCOME AND INTRODUCTION
T.E. Schlesinger
Benjamin T. Rome Dean
Whiting School of Engineering

REMARKS
Gregory D. Hager
Mandell Bellmore Professor and Director
Malone Center for Engineering in Healthcare

DEDICATION AND INSTALLATION OF THE
JOHN C. MALONE ASSISTANT PROFESSORSHIP
T.E. Schlesinger

RESPONSE
Ilya Shpitser
John C. Malone Assistant Professor
Department of Computer Science

CLOSING
T.E. Schlesinger
The Malone Center for Engineering in Healthcare brings together engineers, clinicians, and care providers who are leveraging data analytics in novel ways, are pioneering new technologies, and are applying systems engineering principles to speed the deployment of research-based innovations that will enhance the efficiency, effectiveness, and consistency of health care.