Industrial and Systems Engineering Seminar:
Emerging models of healthcare delivery:
Implications for organizationa and training

Dr. Bita Kash received her Ph.D. in health services research from Texas A&M University in 2007. She joined the Department of Health Policy and Management at the School of Public Health in September 2007 and currently teaches healthcare strategic planning and marketing for two graduate programs, the Master of Healthcare Administration (MHA) Capstone course, co-teaches a Architecture for Health course at the College of Architecture, and serves on multiple doctoral student committees. Dr. Kash is the Director of a six-university National Science Foundation (NSF) industry/university cooperative research center anchored at Texas A&M University. As Director and researcher at the NSF Center for Health Organization Transformation (CHOT), Dr. Kash conducts research to support the implementation of evidence-based transformational strategies within healthcare. Dr. Kash’s research model relies on the knowledge and experience of healthcare leaders to guide academic research. Her cooperative and multi-disciplinary research model has resulted in over $4 million in external research funding from the NSF, industry and other funding sources. Dr. Kash has published over 50 articles in peer-reviewed journals. Most recently she has lead the development of a public health research methods curriculum for the United Nation’s International Atomic Energy Agency (IAEA), Division of Human Health in Vienna, Austria.

Date: November 11th
Time: 1:50 pm - 2:40 pm
Location: 1005 ETB
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Abstract: The U.S. healthcare system is going through a rapid transformation due to a combination of market, technology and regulatory forces. Rapid advances in clinical and technological discoveries, the nature and levels of customer/patient expectations, various payment models based on pay for value, and an ever evolving and intensifying regulatory environment has shaped the organization of human and technological resources to deliver healthcare while meeting these new expectations. New and emerging strategies and processes for transitions of care focused on reducing avoidable 30-day hospital readmission rates, models of practice to enhance patient satisfaction, and disease management protocols to keep patients with chronic diseases at home and away from costly acute care settings are emerging partly due to new value-based care and payment models introduced by the Centers for Medicare and Medicaid Services (CMS). In this lecture, Dr. Kash will demonstrate how the NSF Center for Health Organization Transformation (CHOT) engages multi-disciplinary research teams and industry members in development, testing and validation of innovations in healthcare delivery in today’s healthcare climate. She will share research results and some emerging and evidence-based models of care for primary care, surgical care, and cancer care. She will also discuss implications of such evidence-based delivery models for healthcare workforce training, organization and policy.