

2020 Eberhardt Rechtin Keynote Lecture

USC Hotel Center Ballroom

February 4, 2020 3:30pm

USCViterbi

School of Engineering
Daniel J. Epstein Department of
Industrial and Systems Engineering



Please RSVP to:
ise.chair@usc.edu

Featuring: David W. Bates, M.D., M.Sc.
Harvard University

“COLLABORATIONS BETWEEN ENGINEERING AND HEALTHCARE:
RESULTS FROM THE BWH PATIENT-SAFETY LEARNING
LABORATORY STUDIES.”

As suggested by several NAM reports, healthcare could become much more efficient if engineers and care systems were to collaborate more. Dr. Bates will discuss two such efforts, one focused on development of an ICU dashboard, and electronic checklists, and a second aimed at identifying patients in the inpatient setting who may have an incorrect diagnosis or be receiving an incorrect treatment.

Dr. Bates is an internationally renowned expert in patient safety, using information technology to improve care, quality-of-care, cost-effectiveness, and outcomes assessment in medical practice. He is a Professor of Medicine at Harvard Medical School, and a Professor of Health Policy and Management at the Harvard T.H. Chan School of Public Health, where he co-directs the Program in Clinical Effectiveness. He directs the Center for Patient Safety Research and Practice at Brigham and Women’s Hospital. He served as external program lead for research in the World Health Organization’s Global Alliance for Patient Safety and is the past president of the International Society for Quality in Healthcare (ISQua) and the editor of the Journal of Patient Safety. He has published over 800 peer-reviewed papers which have been cited over 100,000 times; he has an h-index of 147, which ranks him among the 400 most cited biomedical researchers of any type.

Website: www.patientsafetyresearch.org.