

PETER M. KILBRIDGE, M.D.

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EXPERIENCE

Chief Medical Information Officer
NYU Langone Medical Center
Associate Professor of Pediatrics
NYU School of Medicine

7/2009-present

- Lead physician responsible for physician engagement and adoption of IT across NYULMC
- Lead physician, Epic HER project
- Chairs NYU Clinical IT Advisory Council and subcommittees
- Attending physician, Pediatrics, Tisch Hospital (4 weeks / yr)

Medical Director of Information Technology and Clinical Effectiveness
St. Louis Children's Hospital and Department of Pediatrics;
Assistant Professor of Pediatrics, Washington University School of Medicine

7/2006-6/2009
St. Louis, MO

Physician leader responsible for clinical information technology strategy and implementation and for management of clinical quality improvement programs at St. Louis Children's Hospital and the Department of Pediatrics.

- Physician leader for the implementation of an inpatient EMR (clinical documentation, computerized provider order entry) across the St. Louis Children's Hospital (live September 2009).
- Recipient of 2nd AHRQ R18 \$900,000, 2 year grant to use Health Information Technology to enhance ambulatory safety and quality.
- Chair of the Quality and Safety Coordinating Committee, St. Louis Children's Hospital.
- Medical Director, 8 East (General Pediatrics inpatient unit)
- Executive Director, Pediatric Computing Facility.
- Senior Associate, BJC Healthcare's Center for Quality and Clinical Effectiveness
- Inpatient attending physician, St. Louis Children's Hospital (12 weeks/yr)

Associate Chief Information Officer for Patient Safety and Clinical Effectiveness
Duke University Health System
Assistant Professor of Pediatrics, Duke University School of Medicine

2003-7/2006
Durham, NC

Executive responsible for development and implementation of computer systems for measuring, tracking and improving patient safety and clinical effectiveness across a three-hospital health system.

- Designed and lead development, testing and implementation of an automated Adverse Drug Event surveillance system in all DUHS hospitals, using award of AHRQ \$1.4 million Safe Practices Implementation Grant. Rules-based system screens transactional data daily for evidence of ADEs and opportunities to intercept and/or prevent nascent ADEs. Provides hospital- and health system-level ADE metrics, illuminates opportunities for improvement.
- Developed and implemented the Duke University Health System Voluntary Reporting System (VRS). Single portal of entry for reporting, triaging, managing and tracking of all forms of safety-related incidents and concerns across three hospitals. Employs automated incident severity scoring system to prioritize events for investigation.
- Developed patient safety metrics for Duke University Health System. Worked with members of executive leadership, physician leadership, and safety and quality leadership at the three hospitals to develop a

comprehensive set of metrics based on current and anticipated future national reporting requirements, literature on safety and quality, and specific areas of risk for the Duke environment.

- Chairman, Duke University Health System Medication Safety Committee. Lead assessment of medication safety performance based on multiple data sources. Directed development of strategic approach to medication safety improvement across the Health System, working with nursing, pharmacy, physician and administrative leadership.
- Inpatient Attending Physician, General Pediatrics, Duke University Hospital (8 weeks/yr)

**Practice Director, Emerging Practices
First Consulting Group**

**1996-2003
Lexington, MA**

Senior level healthcare industry analyst and consultant for First Consulting Group.

- Co-founder of FCG Patient Safety consulting services; developed strategic and tactical plans for improving patient safety at healthcare provider organizations through integration of information technology and clinical processes
 - Directed FCG's engagement with The Leapfrog Group employer coalition to develop functional criteria for compliance with the Leapfrog standard for computer-based physician order entry
 - Worked with health delivery organizations to assess organizational environment for patient safety (leadership, culture, process design, monitoring, etc.), readiness for implementation of computerized physician order entry systems; develop strategies and implementation plans
- Extensive consulting and research on health care industry trends with focus on provider organizations. Topics of research included information technology adoption by provider organizations; new technologies to improve care quality and reduce medical errors; assessing the value of clinical information systems and clinical decision support.
 - Authored and co-authored multiple research reports for California HealthCare Foundation on use of specific technologies to improve quality of patient care (see Publications).
 - Authored two research monographs for VHA Inc., describing detailed model of the inpatient medication management process, mapped to opportunities for technology intervention to improve patient safety; and describing approaches to surveillance of adverse drug events
 - Conducted extensive internal company research on topics such as best practices in information management for providers; physician-hospital electronic connectivity; information needs for physician practices; healthcare uses of the Internet
 - Authored annual internal Health Care Trends report, 1998-2001
- Lead study of best practices in information management for integrated delivery networks, via in-depth examination of ten leading provider networks.

**Fellow in Medical Informatics
Laboratory for Computer Science
Massachusetts General Hospital**

**1995-1996
Boston, MA**

National Library of Medicine-sponsored Fellowship in Medical Informatics.

- Participated in, developed MGH contribution to HL7-based, Internet-enabled system for clinical data sharing among Boston hospital emergency rooms (forerunner of CareWeb, clinical browser in use at CareGroup hospitals, Boston).
- Coursework in healthcare business administration and competitive strategy, Harvard School of Public Health.

**Fellow in Pediatric Cardiology
Children's Hospital**

**1991-1994
Boston, MA**

- Clinical training in care of children with cardiac disease. Training in interventional catheterization, pediatric cardiac intensive care, electrophysiology, echocardiography.

- Research in vascular biology. Awarded NIH K12 Physician Scientist Award

**Intern and Resident, Pediatrics
Children's Hospital**

**1988-1991
Boston, MA**

- Residency in general pediatrics.

EDUCATION

M.D.

**1988
Cleveland, OH**

Case Western Reserve School of Medicine

- Elected Alpha Omega Alpha Medical Honor Society, 1988
- Honors in Medicine, Surgery, Pediatrics and Psychiatry

A.B.

**1982
Cambridge, MA**

Harvard University

- Graduated *cum laude*, degree in Government

AWARDS AND HONORS

AHRQ Ambulatory Safety and Quality Grant 1R18HS010-01: \$900,000 award to study Adverse Drug Events in Ambulatory Pediatrics, 2007

Outstanding Teacher Award, Department of Pediatrics, Washington University School of Medicine

AHRQ Safe Practices Implementation Grant 1UC1 HS014882: \$1.4 Million award to implement Adverse Drug Event Surveillance system, 2004

NIH Physician-Scientist Award, 1991

Alpha Omega Alpha Medical Honor Society, 1988

Cum Laude, Harvard University, 1982

PROFESSIONAL ORGANIZATIONS

American Medical Informatics Association

LICENSURE AND BOARDS

Missouri Medical License No. 2006022621

Massachusetts Medical License No. 74369 (inactive)

North Carolina Medical License No. 2004-00891 (inactive)

Diplomate, American Board of Pediatrics

PUBLICATIONS: RECENT ARTICLES AND MONOGRAPHS

Peter M. Kilbridge, Laura A. Noirot, Richard M. Reichley, et al. Computerized surveillance for adverse drug events in a pediatric hospital. *Journal of the American Medical Informatics Association* 2009; 16: 607-612.

Michael Gysbers, Richard M. Reichley, Peter M. Kilbridge, et al. Natural language processing to identify adverse drug events. *AMIA Annu Symp Proc* 2008:961

Peter M. Kilbridge, David C. Classen. The Informatics Opportunities at the Intersection of Patient Safety and Clinical Informatics. *Journal of the American Medical Informatics Association* 2008; 15 (4):397-407

Peter M. Kilbridge, David C. Classen, David W. Bates, Charles R Denham. The National Quality Forum Safe Practice Standard for Computerized Physician Order Entry: Updating a Critical Patient Safety Practice. *Journal of Patient Safety* 2006;2(1):183-90.

Peter M. Kilbridge, Udobi Campbell, Heidi Cozart, and Maryam Mojarrad. Automated Surveillance for Adverse Drug Events at a Community Hospital and an Academic Medical Center. *Journal of the American Medical Informatics Association* 2006;13:372–377.

Peter M. Kilbridge and David C. Classen. Automated surveillance for adverse events in hospitalized patients: Back to the future. *Quality and Safety in Health Care* 2006;15:148-149.

Peter M. Kilbridge, Lynne Alexander, and Asif Ahmad. Design and Implementation of a System for Computerized Adverse Drug Event Surveillance and Intervention at an Academic Medical Center. *Journal of Clinical Outcomes Management* 2006;13:94-100.

Peter M. Kilbridge, Emily M. Welebob, and David C. Classen. Development of the Leapfrog Methodology for Evaluating Hospital-Implemented Inpatient Computerized Physician Order Entry Systems. *Quality and Safety in Healthcare* 2006;15:81-84.

Peter M. Kilbridge. The Cost of HIPAA Compliance. *New England Journal of Medicine* 2003; 348:1423-1424.

Peter M. Kilbridge. Computer Crash – Lessons from a system failure. *New England Journal of Medicine* 2003;348:881-882.

Peter M. Kilbridge and Suzanne Beyea. Setting a Research Agenda on Patient Safety in Surgical Settings. Prepared for the Telemedicine and Advanced Technology Center, U.S. Army Medical Research and Material Command, 2002. *Seminars in Laparoscopic Surgery* 2003; 10(2):79-83.

David C. Classen and Peter M. Kilbridge. The Roles and Responsibilities of Physicians to Improve Patient Safety within Healthcare Delivery Systems. *Academic Medicine* 2002;77:963-972.

Peter M. Kilbridge. Crossing the Quality Chasm with Information Technology: Bridging the Quality Gap in Health Care. The California HealthCare Foundation, Oakland, CA, July 2002; <http://www.chcf.org/documents/ihealth/CrossingChasmIT.pdf>.

Peter M. Kilbridge and David C. Classen. Surveillance for Adverse Drug Events: History, Methods, and Current Issues. *VHA 2002 Research Series, Volume 3*. VHA Inc., Irving, TX

Peter M. Kilbridge. e-Prescribing. The California HealthCare Foundation, Oakland, CA, November 2001; <http://www.chcf.org/documents/ihealth/EPrescribing.pdf>.

Peter M. Kilbridge and David C. Classen A Process Model of Inpatient Medication Management and Information Technology Interventions to Improve Patient Safety. With David Classen. *VHA 2001 Research Series, Volume 1*. VHA Inc., Irving, TX

Fran Turisco, Erica Drazen, Jane Metzger and Peter Kilbridge. A Primer on Physician Order Entry. The California HealthCare Foundation, Oakland, CA, September 2000; <http://www.chcf.org/documents/quality/CPOEreport.pdf>.

Peter M. Kilbridge. The Role of Information Systems in IDS-Physician Relationships. *Healthcare Financial Management*, June 1998.

Peter M. Kilbridge. Physicians and Information Systems. *Healthcare Executive*, May/June 1998.

Peter Kilbridge. Information Systems for IDNs: Best Practices and Key Success Factors. *Proceedings of the 1998 Annual HIMSS Conference*, February 1998.

With Isaac Kohane, et al. Sharing electronic Medical Records Across Multiple Heterogeneous and Competing Institutions. *Proceedings of the 1996 American Medical Informatics Association Fall Symposium*.

With F.J. van Wingerde, et al. Using HL7 and the World Wide Web for Unifying Patient Data from Remote Databases. With van Wingerde, et al. *Proceedings of the 1996 American Medical Informatics Association Fall Symposium*.

Book Chapters

Peter M Kilbridge and Michael Schneider. Implications of the Internet: The Physician's Perspective. In *The Internet and Healthcare*, 2nd Edition; edited by Lou Nicholson, First Consulting Group; Health Administration Press, Chicago, IL, 1999.

Peter M. Kilbridge with Erica Drazen. Best Practices in Enterprise Information Management for Integrated Delivery Networks. In *Strategies for Integrated Health Care*, edited by Erica Drazen and Jane Metzger, First Consulting Group; Jossey-Bass, San Francisco, CA, 1998.