Arthur J Krumrey

5937 N East Circle Ave Chicago IL 60631 (773) 848-0562 arthur@krumreyadvisors.com

Arthur Krumrey is a leader in health care information technologies, having directed an early adoption of the Epic electronic health record and key new Epic modules, created several broad institutional strategic IT plans, assessed the value of integrating the instances of Epic in a major national health system, and promoted information transparency and patient direct access to records. Has a deep understanding of the underlying network and server technologies required to run an effective IT shop in a large academic health system with over 35 sites and two hospitals.

He consults actively, to leverage his knowledge, experience, planning skills and consensus-building methods, particularly in these focus areas:

- Healthcare IT strategic planning
- Executive mentoring
- Software acquisition and integration through competitive processes.
- Financial modeling and budgeting; benchmarking.
- Data governance / analytics
- Patient access
- Interoperability of electronic health records
- Population health and the transition to "pay for performance:" keeping people health, with high care quality, and the lowest costs.

<u>February 2017 – present</u>. Krumrey Advisors. Independent consultant.

- University of California Irvine and San Diego. Current part-time engagement. Organizational design of shared IT services. Budget and staff right-sizing.
- Speed of Care Decision Support. Reviewed strategic plans and applications for certification for this health care IT startup.

<u>HealthDecision</u>: February-July 2018. Advisor in approaches to patient data security with its Epic application plug-in.

<u>February 2016 - February 2017</u>. Employed Consultant by Trinity Health. (Trinity is the second largest Catholic health system and the fifth largest US health system, including more than 85 hospitals nationwide.) Modeled the value of consolidating the four instances of the Epic electronic health records system within Trinity. The project included devising methods to coordinate Epic projects in each instance before consolidation. The project was successfully completed in February 2017.

<u>May 1995 - February 2016</u>. Vice President and Chief Information Officer of Loyola University Health System (LUHS). LUHS was one of the first health systems in the Chicago market to use a comprehensive electronic medical record. LUHS also has been a very active member of Epic's Users' Group. LUHS first

installed Epic in phases in its academic medical center, and then extended to Gottlieb Memorial Hospital, part of LUHS and a 300-bed community facility, with all modules using a "big bang" approach.

Was a multi-term board member of the American Association of Medical Colleges' Group on Information Resources (AAMC/GIR) and the University HealthSystem Consortium (UHC). He also is an emeritus member of the College of Healthcare Information Management Executives (CHIME).

LUHS was one of the first Illinois users of Epic's population health module, Healthy Planet, with its Medicare ACO and Illinois Medicaid accountable care entities. It was the first system in Illinois to use Care Everywhere supplemented by direct message of continuity of care documents to manage health information exchange and transitions of care.

LUHS optimized patient access to clinics and diagnostic tests through central scheduling and precertification with a 24/7 call center. Enabled by Epic's technology, new patient visits increased an average of 8%. Patient satisfaction improved with shorter intervals to get the new appointment or test sooner. Patient self-scheduling of routine visits provided capacity for schedulers to do more for patients that needed personal attention.

Arthur led several management and cost restructuring efforts; LUHS's IT costs were in the lower 25th percentile in its revenue comparison group (\$750M-1.5B) of Epic users. During his tenure, despite a low-cost structure, LUHS won the "Most Wired" award for automation completeness in 13 of the last 15 years and has consistently merited the high range of Epic installation and maintenance cost discounts for its effectiveness as an Epic customer.

<u>1994 - 1998</u>. Independent consulting subcontractor for IT and telecommunications planning to Western Telecommunication Consulting. An example project was a strategic IT plan for Marin Community College district in Marin County, CA.

<u>February 1973 - May 1995</u>. Various supervisory and management roles in IT at Loyola University Chicago, with increasing responsibility, with a final role as director of IT applications. Loyola University Chicago was Loyola University Health System's parent until LUHS was merged with Trinity Health in 2011. Arthur was a frequent author and four-year board member for EduCAUSE, an association of IT professionals in higher education.

<u>Education</u>: Arthur has a Master of Science degree from Northwestern University and a Bachelor of Science from Loyola University Chicago.

<u>Personal</u>: Arthur volunteers his skills in photography and videography to a local historical society, as a member of its Board of Directors and chair of its Technology Committee. He does trail watch and maintenance for the local forest preserves. In addition to photography and videography, he enjoys cycling, hiking, and skiing.

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