

MIAIMS INFOSPHERE

Missouri Integrated Advanced Information Management System
University of Missouri - Columbia

A joint project of Medical Informatics Group and the J. Otto Lottes Health Sciences Library

Sept 1995

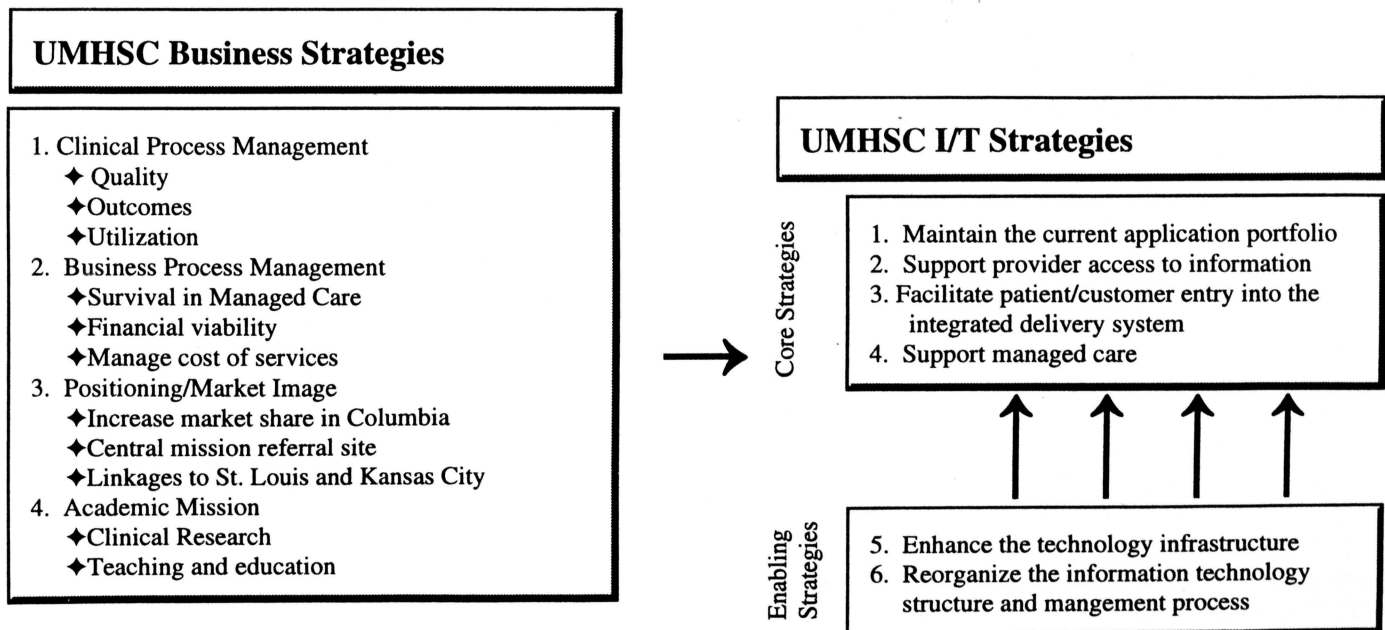
Newsletter Special Edition

MIAIMS Proceeds on the Patient Care Services Front

The MIAIMS Project has spent the past 20 months creating plans for integrated information management throughout the Health Sciences Center. In the MIAIMS vision to distinguish the University of Missouri-Columbia as a national model of an integrated, cost-effective, user-friendly, health information system, enhanced patient care services tops the list.

Major progress is being made with the help of the health-care consulting firm of First Consulting Group. The goal is to identify the information technology strategies and tactics required to support the business initiatives of the Health Sciences Center. Three key systems identified at the outset are: enterprise-wide master person index, enterprise-wide patient and resource scheduling, and clinical data repository.

Many staff members have been or will be involved in this project through individual interviews and focus group meetings. A core group co-chaired by Mike Frankenberger and Joyce Mitchell will lead the project. Members of the core group are W. Kirt Nichols, Michael Metzler, Donald Spencer, Thomas Selva, Ronald Swinfard, Mike Philips, Mike Sundall, Bill Gable, Don Johnson, Keith Weinhold, Kay Davis, Donna Otto, Craig Klimczak, Lois Nauert, and John Brillhart. The group has identified the following core strategies for information technology.



The Electronic Healthcare Record

Part of the Total Picture

The three key systems of the information technology implementation plan will directly affect the development of the Electronic Healthcare Record. Dr. W. Kirt Nichols considers those systems: master person index, patient resource scheduling, and clinical data repository vital first steps in the efficient management of patient information. Dr. Nichols chairs the Electronic Healthcare Record Committee (EHCR) and ensures the input of clinicians in the development of strategies with First Consulting Group. Dr. Nichols believes that clinical data has different requirements and says, "The responsibility for overseeing clinical information needs to be well-grounded in people with a clinical background."

In an effort to address all significant aspects of an efficient EHCR several subcommittees have been formed: Standards/Architecture, ICU/General Unit, Format, Security/Confidentiality, Application/Implementation, and Training.

Another component to the EHCR is under development. The System Text Archive and Retrieval (STAR) is in the prototype stage. STAR would provide a location independent access patient information beginning with all text documents used in medical records: operative notes, discharge summaries, progress notes, history and physicals. A prototype has been written and demonstrated to a number of members of the MIAIMS Steering Committee and Policy Committee. Plans are underway to expand its assessment to an initial group of evaluators.

TRENTON BOYD
LIBRARIAN
VET MED LIBRARY

MIAIMS INFOSPHERE

Project Directors

Joyce Mitchell, Associate Dean for Computing and Information
Technology and Director, Medical Informatics Group
Dean Schmidt, Director
J. Otto Lottes Health Sciences Library

Editorial Staff

Linda Cooperstock
MIAIMS Coordinator
David M. Witten II
MIAIMS Programmer
Lucia D'Agostino
MIAIMS Secretary
Alan Arnold
LAN Manager, Internal Medicine
Kelly Giroir
Information Services Librarian
J. Otto Lottes Health Sciences Library

Infosphere is published bi-monthly to facilitate the transition to an electronic information environment and to promote computer literacy; supported, in part, by a grant from the National Library of Medicine (Grant #G08 LM 05415). Staff offices are located in HSL 328. Phone: 884-6627.

For ADA accommodation, contact the MIAIMS office.

The Infosphere is available on the World Wide Web at <http://www.miaims.missouri.edu/infosphere/docs/infosphere.html>