Current State

• Electives

• Online courses, modules

• Workshops

• Certificate programs

• Interest groups

Integration

Biomedical Model

UMMS Scientific Trunk

Foundations of Medicine I: Molecular/Biological Sciences and Evidence-Based Care

Foundations of Medicine II: Host Defense, Physical and Diagnostics and Therapeutics

Current State

CHIEF CONCERN

IMPROVING HEALTHCARE SYSTEMS

DOCTORING

CAPSTONE FOR IMPACT, RESEARCH AND PATHS OF EXCELLENCE

M-HOME

UNIVERSITY OF MICHIGAN MEDICAL SCHOOL
Biotechnommedical Model

UMMS Scientific Trunk

Foundations of Medicine I: Molecular/Biological/ Data Sciences and Evidence-Based Care

Foundations of Medicine II: Host Defense, Physical and Technological Diagnostics and Therapeutics

Future State?

CHIEF CONCERN

IMPROVING HEALTHCARE SYSTEMS

DOCTORING

CAPSTONE FOR IMPACT, RESEARCH AND PATHS OF EXCELLENCE

M-HOME
Future State of the Clinical Encounter- Diagnosis
Data Augmented, Technology Assisted Medical Decision Making (DATA-MD)
DATA-MD Mission

To develop, implement, and disseminate innovative healthcare AI/ML curricula that serve as a foundation for medical educators to develop curricula specific to their own institutions and/or specialties.
DATA-MD

• Use of AI/ML in diagnosis
  • EBM foundation

• Four online modules
  • Intro to AI/ML in Healthcare
  • Foundational Biostats and Epi in AI/ML for Health Professionals
  • Using AI/ML to Augment Diagnostic Decisions
  • Ethical and Legal use of AI/ML in the Diagnostic Process

• Launch 6/2023
DATA-MD

• Seven online modules
  • Intro to AI
  • Methodologies
  • Diagnosis
  • Treatment and Prognosis
  • Law, Ethics, Regulation
  • AI in the Health System
  • Precision Medicine

• Launch late 2023
Leaders and Best