Preparing leaders for one of the fastest growing fields.
LEADING THE WAY

University of Michigan Master of Health Informatics Program

The Master of Health Informatics (MHI) program at the University of Michigan prepares students for emerging careers that meet the growing information-management needs of consumer health and the healthcare industry.

As health systems grapple with new challenges in the digital age, health informaticians are playing a crucial role in analyzing, systemizing, and evaluating the vast resources generated by the digital revolution. At U-M, we’re preparing the next generation to lead this rapidly evolving field.

Distinctive Emphases on Leadership and Consumer-Facing Technology

Through joining the expertise of two top-ranked graduate programs: the School of Public Health in population health, health policy, and individual health behaviors with the School of Information’s expertise in human-centered design, social engagement, and the development, implementation and evaluation of information resources, U-M’s MHI program offers a distinctive culture and emphasis unlike any other. Our graduates are innovators who can create information-enabled organizations and revolutionize the way information is used to promote wellness and to improve health management and quality of care.

OUR CURRICULUM

Through the core curriculum of the two-year MHI program, you will build knowledge of the healthcare system and master concepts in health policy, information science, and behavioral, cognitive, and organizational science. You will also develop methodological skills in high-powered analytics, systems analysis, planning, development, and implementation.

We are developing our knowledge and skills to go forth and be confident leaders in the field of health informatics.

Lindsay Virost Student, Health Informatics Program
Through your elective courses, you can focus on consumer-facing applications of technology that supports individual health, such as wellness programs, personal health records, mobile health, and decision-support tools. You may focus on the design and evaluation of information systems that support clinical work in a variety of formal healthcare settings, including hospitals, office practices, and long-term care facilities. Or, you could focus on population health: looking across individuals through epidemiological analysis and data mining, supporting epidemic detection and tracking, and improving public health practice. An internship experience based upon your area of interest is also a requirement of the program.

OUR FACULTY
The internationally renowned MHI faculty brings a wealth of experience in teaching, research, and service to the health community. Having a university-wide affiliated faculty ensures that you are able to pursue virtually any topic related to health informatics, as directed by your personal interests, and to take full advantage of the many academic and professional resources at a premier research university.

CAREER OUTLOOK
Careers in health informatics are diverse and widespread.

- Graduates interested in human behavior may lead visioning and strategy for new ways of leveraging information to improve individual health behaviors.
- Entrepreneurially-minded individuals may develop applications or systems to improve the ways consumers and clinicians access and use information.
- Those with technical interests may find roles as application designers and developers, consultants, system analysts, and entrepreneurs.
- Individuals with analytical and quantitative skills can become quality improvement analysts, data miners, evaluation specialists, or clinical and public health researchers.
- Policy-minded graduates could be part of a new generation of informatics-enabled policy analysts impacting health reform.
- Graduates from the health professions may assume positions as medical, nursing, or public health information or technology officers who envision new solutions for health care and delivery.

Master of Health Informatics
The MHI is a 52-credit program that can be completed in two years of full-time study. All students gain experience and develop their knowledge and skills through a 400-hour internship.
Through the combination of my education and internship experiences, I am able to bring broader understandings of information-seeking behavior, information literacy, and information management to bear on issues in clinical and consumer health informatics.

Katy Mahraj  
Alumna, Health Informatics Program  
Health Information Analyst, Altarum Institute
Health informatics graduates work at:

- Small information technology companies, including start-ups
- Public health agencies: local, state, national
- Hospitals, clinics, and other healthcare settings
- Insurance companies
- Healthcare and technology consulting firms
- Research and development organizations, including universities and pharmaceutical companies
- Professional organizations and societies
- Consulting firms

Information is changing healthcare. I will use my education to improve individual health outcomes by empowering people with information.

I. K. Olomu
Student, Health Informatics Program
The excitement surrounding this program is hard to miss. A group of energetic and knowledgeable faculty has made my experience great so far.

Tom Mott
Student, Health Informatics Program

WHO SHOULD APPLY?
Applicants from all academic and professional backgrounds are welcome and encouraged to apply. Current MHI students represent a wide range of backgrounds, including the social sciences, natural sciences, life sciences, engineering, business, and the health professions.

The program operates on a fall term start. The application deadline for priority scholarship consideration is January 15, 2013. The final application deadline is May 1, 2013.

Contact us for more information at:
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