

# MSHMI

Healthcare Management  
and Informatics



KENNESAW STATE  
UNIVERSITY  
COLES COLLEGE OF BUSINESS



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## From the Executive Director

The **Master of Science in Healthcare Management and Informatics (MSHMI)** is the **only premier, interdisciplinary graduate degree** in the State of Georgia designed to prepare the next generation of **health care managers and informaticians to be visionaries, leaders, and innovators** in their field. Our graduates develop the knowledge necessary to tackle the challenges facing the delivery and practice of healthcare in the 21st century.

Health Informatics is experiencing exceptional growth, with many organizations unable to find qualified candidates who understand the healthcare industry, have expertise in informatics, and are capable leaders. MSHMI meets this need by **empowering graduates with a holistic understanding of healthcare practices**; technology, data analytics, and informatics skills; and a mastery of management and conflict-resolution techniques.

The MSHMI program offers a comprehensive curriculum with built-in opportunities for **professional engagement, networking, executive mentoring, and practical real-world experience**. These elements combine to guarantee that our graduates have the tools to reach their full potential. Our faculty, industry partners, and executive board members are all committed to your success.

I invite you to consider the **KSU MSHMI program** and **let us help you put your career on the fast track**.

*Sweta Sneha*

**Sweta Sneha, Ph.D.**

Founder and Executive Director, MSHMI  
Associate Professor of Information Systems

# MSHMI: The Degree for the 21st Century

Our faculty and industry partners have collaboratively developed a vibrant program reflecting the needs of contemporary health informatics domain.

## HIGH CAREER GROWTH

Metro Atlanta's healthcare workforce is growing at the rate of **18,700 healthcare job openings per year** and is expected to grow by approximately 50 percent over the next five years. Earning a MSHMI degree is one of the best opportunities to **elevate your career**. Companies are continuously striving to find professionals with knowledge of the healthcare sector, insights on management and leadership, and **expertise with analytics and technology**.

## LEADING CAREER OPPORTUNITIES

Graduates of the MSHMI program are **prepared for success in a wide range of careers** as data analytics officers, health IT consultants, researchers, executives in various roles including Chief Medical Informatics Officer. They are **leaders, innovators, and developers**.

“I believe the MSHMI program has the potential to positively impact the reputation and graduate curricula of KSU, in addition to having a larger footprint on the economic development imperative by developing a trained workforce to meet the changing needs of the Health IT sector.”

- Ellen Langford, SVP & COO  
WellStar Medical Group



# The KSU MSHMI Advantage

## INTERDISCIPLINARY PROGRAM

The MSHMI program is a **premier interdisciplinary program** spanning the Coles College of Business, Wellstar College of Health and Human Services, College of Science and Mathematics, and College of Computer Science and Software Engineering. It was developed in response to the unique workforce needs of the contemporary healthcare environment where **data and technology impact strategic decisions and operations**.

## RIGOR

The curricular content of MSHMI is guided by the **Commission on Accreditation for Health Informatics and Information Management Education (CAHIIM)** and the **Association to Advance Collegiate Schools of Business (AACSB International)**.

## RELEVANCE - ACADEMIC AND INDUSTRY PARTNERSHIP

We have created a true partnership between the MSHMI program and the leaders/executives in the healthcare industry to **ensure professional engagement, networking, and profile development opportunities** for our students. Our industry partners are eager to engage with you and provide mentoring as you launch a rewarding career.

## ALL INCLUSIVE

The MSHMI program provides you with excellent ROI by including the following:

- ▶ Textbooks, software, cases
- ▶ AHIMA VLAB – includes commercialized EHR, Coding systems, Tableau, etc.
- ▶ Professional events - AMIA, Health IT Leadership Summit, TAG, etc.
- ▶ SAS and R Certification

Coles is fully accredited by AACSB International, the highest business school accrediting body in the world. Further, our IS and IT programs are accredited by ABET.



“One thing I loved about this project is how it brought real-world context into the classroom and showed everyone that they could use what they are learning to immediately solve actual problems.”

- Dr. Dominic Thomas referring to a project in his python class that asked students to build a functioning application.

# Designed for You

**P**ursuing a graduate degree is a serious commitment. The MSHMI program ensures your success in the program by creating an environment that allows you to balance work, life, and academics.

## CONVENIENT

The MSHMI curriculum offers courses **via hybrid and online formats** - affording opportunities to **interact and develop relationships with colleagues and industry leaders**. Our hybrid courses have a **face-to-face session every alternate week on Friday evenings** to accommodate professionals with a demanding career. Between meetings you have access to your colleagues, mentors, coaches, and faculty advisors.

## TOGETHER WE SUCCEED

The MSHMI program follows a **cohort model** - you enter the program and proceed by taking 2 courses per semester with the same classmates, finishing the degree in 2 years. This leads to forging **strong ties with your colleagues**; learning from diverse expertise in healthcare, technology, and management that your colleagues bring; and **building rich experiences** while navigating the program.

## FINANCIAL AID

Opportunities exist for financial aid and paid graduate assistantship with partial tuition waiver.

“I enrolled in the MSHMI program because, as a physician, I see that there is a fundamental disconnect between the end users of EHRs and the developers. This program will allow me to bridge that gap and become a liaison for the end users and help make EHRs more user-friendly and widely accepted.”

- Vidya Soundararajan, M.D.  
WellStar Health Systems



# Experienced, Dedicated Faculty

**L**earning in the MSHMI program is supported by a **team of outstanding faculty members** who form a robust team providing interdisciplinary perspectives on the domain of health informatics. Our faculty have a wealth of **theoretical and applied knowledge** and represent multiple competencies encompassing the health informatics domain. They are committed to your success, are accessible, and offer mentorship. The expertise of our faculty is complemented by **executives who serve on the MSHMI advisory board**.

## FACULTY SPOTLIGHT

**Dr. Sweta Sneha,**  
**Founder and Executive Director of the MSHMI Program,** is a veteran of approximately 20 years of experience in technology and healthcare with a passion to see you grow professionally and succeed. Dr. Sneha earned her Ph.D. at Georgia State University in Computer Information Systems, and she holds a Certificate in Biomedical and Health Informatics.

**Dr. Dominic Thomas**  
**Associate Professor of Information Systems**  
His current research focuses on improving the usefulness of technology in healthcare both in organizational and individual settings. He has published articles in leading journals in his field. Dr. Thomas holds a Ph.D. in Management Information Systems from the University of Georgia (2005), a B.A. in English and American Literature from Brandeis University (1994), and foreign language certifications in Russian, Nepalese, and Japanese.

**Dr. Margot "Lisa" Hedenstrom**  
**Assistant Professor of Nursing**  
She has 35 years of experience in healthcare leadership positions including Chief Nurse Executive and Chief Nursing Officer in hospital and healthcare systems. She is certified as a Nurse Executive-Advanced by the American Nurses Credentialing center and has a PhD in Nursing as well as MBA and MSN degrees. She has served in a variety of leadership service roles including Georgia Board of Nursing as well as appraiser roles in the Magnet and Pathway to Excellence programs for the ANCC.

# Professional Engagement, Networking, and Brand Building

**A**s a student in the MSHMI program, you have numerous opportunities to engage with executives, peers, and colleagues in the healthcare informatics sector.

## EXECUTIVE SPEAKER SERIES

We regularly host executives in the healthcare industry who are eager to engage with you on your journey to success. Their specialties range from payers and providers to innovative health IT companies and startups that disrupt the practice of healthcare.

## HEALTH IT LEADERSHIP SUMMIT, TAG HEALTH EVENTS

The MSHMI program identifies relevant events and provides memberships that cover registration costs, as well as opportunities to spotlight your attendance.

**AMIA** (American Medical Informatics Association) You receive complimentary membership/registration to AMIA which allows you to access to the largest conglomeration of health informatics professionals in U.S.

## INTERNSHIP

Experience the health informatics workplace through internship opportunities while building meaningful relationships with your mentors and peers.

## CAPSTONE

The MSHMI Capstone Course affords an opportunity to apply and hone your skills, enhance your profile, and gain industry experience while working with an industry partner to address a challenge and devise a solution.

“The networking opportunities have been phenomenal. Sweta does a fantastic job of creating opportunities to sit down with executives who are in a position to hire. I literally walked into my first executive dinner and said ‘somebody in this room is going to be my boss one day.’”

- Philip King, Project Manager  
GRM Information Management Services



# Integrated Curriculum

**T**he MSHMI program has a rigorous and relevant, 36-hour, integrated curriculum designed to blend theoretical learning with practical application.

## CORE COURSES

**33 Credit Hours include the following 11 courses that provide the foundation of learning:**

- ▶ Introduction to Healthcare Management & Informatics
- ▶ Electronic Health Record (EHR) Systems
- ▶ Clinical Processes & Workflows
- ▶ Healthcare Information Systems Development
- ▶ Database and Data Structures
- ▶ Data Mining
- ▶ SAS-Based Statistical Methods
- ▶ Governance Risk Management & Compliance
- ▶ Analytical Business Applications & Leadership Skills
- ▶ Seminar in Conflict Management & Ethics of Leadership
- ▶ Capstone in Healthcare Management & Informatics (3 credit hours)

## ELECTIVES

**3 Credit Hours may be completed by choosing one of the following electives to take a deeper dive in your interest area:**

- ▶ Legal & Ethical Issues in Information Systems
- ▶ Advanced IT Project Management
- ▶ Information Security Technologies
- ▶ Statistical Methods via R
- ▶ Health Information Security & Privacy
- ▶ Advanced Leadership & Policy in a Multicultural, Changing World

“ I have been working in the fast-paced and exciting field of analytics for over 10 years and enrolled in the MSHMI program in order to obtain the knowledge and skills needed to really make a difference in my career. In 2015, I started working in healthcare analytics, knowing very little about the healthcare industry, but knowing that I wanted to be part of a profession that impacts so many people’s lives and empowers me every day to make a difference. ”

- Brandie Szuda VP,  
Chief Data Officer, MagMutual



## Your Next Steps

Healthcare informatics is the **field of the future** and our MSHMI program will play an important role in providing its leaders. Certainly, it will provide you with the tools you need to accelerate and advance your career. Take the next step today.

- ▶ **Reserve** your seat to attend an information session.
- ▶ **Apply** for the KSU MSHMI online at [KSUMSHMI.com/Apply](https://ksumshmi.com/Apply)
- ▶ **Contact us** directly to discuss how the MSHMI program can help you succeed.

### **Executive Director, MSHMI Program**

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