



USFHealth

Morsani College of Medicine

DEVELOPING LEADERS FOR A NEW ERA OF HEALTHCARE

Health Informatics & Healthcare Analytics
Graduate Programs – 100% Online

OUR STORY

The University of South Florida has grown into a dynamic and respected university, achieving the status of preeminent research university in 2019. The USF Health Morsani College of Medicine is a major academic medical center known for its innovative curriculum and interprofessional approach to education, research and clinical activities. The goal of the Morsani College of Medicine is to educate the future leaders who will help transform the healthcare industry.

The University of South Florida is classified as a Doctoral University: Highest Research Activity by the Carnegie Classification of Institutions of Higher Education.

USF is ranked 4th worldwide for organizations with the most Fellows of the American Association for the Advancement of Science (AAAS) named in 2020—a rank USF has held for the past six years.

1956

Founded

146

Countries

50,000+

Students



USF Health’s Morsani College of Medicine is a nationally recognized research university dedicated to envisioning and implementing the future of healthcare.

Accreditation

USF is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award associate, baccalaureate, master’s, specialist and doctorate degrees.

The Master of Science in Health Informatics is accredited by the Commission on Accreditation for Health Informatics and Information Management Education (CAHIIM).



USF Bulls for Life

Whether your USF experience is online or on campus, once you become a University of South Florida graduate, you’re a USF Bull for life! You’ll join tens of thousands of graduates and notable USF alumni, including current or retired chief executives at Google, The Walt Disney Company, FedEx and SeaWorld Parks; former mayors and members of the U.S. Congress; and a university chancellor.

USF Health

USF Health is a major medical center, known nationally for its interdisciplinary approach to healthcare through a partnership of the Morsani College of Medicine; the Colleges of Nursing, Public Health and Pharmacy; and the Schools of Biomedical Sciences, and Physical Therapy and Rehabilitation Sciences. Through interprofessional education, research and clinical activities, USF Health doctors, nurses, physical therapists, pharmacists, researchers and public health scientists are working together to create a community of good health.

The health informatics accreditor of the USF Health Morsani College of Medicine is the Commission on Accreditation for Health Informatics and Information Management Education (CAHIIM). The College’s accreditation for the Master of Science in Health Informatics degree has been affirmed through 2029. All inquiries about the program’s accreditation status should be directed by mail to CAHIIM, 200 East Randolph Street, Suite 5100, Chicago, IL, 60601; by phone at (312) 235-3255; or by email at info@cahiim.org.

LEARN HEALTH INFORMATICS FROM A TOP-TIER MEDICAL SCHOOL, 100% ONLINE

USF Health’s online graduate programs can help position you for success in the constantly changing field of health IT. The graduate degree programs offer a focus on health informatics and additional concentrations in healthcare analytics. For-credit graduate certificates provide career-enhancing credentials, with credits earned applicable toward the graduate degree, should you choose to continue your education.

“USF Health’s program gave me the opportunity to obtain the highest level of education in the field. It was one of the best decisions I ever made.”

Caroline Saavedra, MS in Health Informatics Graduate



GRADUATE DEGREES

8 weeks per class

11 total classes

2 years to complete

GRADUATE CERTIFICATES

8 weeks per class

4 total classes

8 months to complete

MS in Health Informatics (MSHI)

USF Health's CAHIIM accredited Master of Science in Health Informatics (MSHI) prepares you to meet the demand for health informatics experts who can help improve the effectiveness and efficiency of care delivery by ensuring that data used for operational and clinical decisions are of high quality.

Graduate Certificate in Health Informatics

USF Health's Graduate Certificate in Health Informatics can provide the credentials and knowledge to equip experienced and busy professionals, who may not need a master's degree, to enter the fast-growing career path of health informatics.

MSHI program students may be able to sit for industry certifications*, including:

- HIMSS CAHIMS and CPHIMS
- AHIMA Certified Health Data Analyst (CHDA®)
- Project Management Institute (PMI) - Certified Associate Professional in Project Management (CAPM)®
- American Board of Preventative Medicine – Clinical Informatics Certification**
- AMIA Health Informatics Certification (AHIC)

*Students must meet all exam eligibility requirements outlined.

These certifications may carry education and work experience requirements. Typically, having a graduate degree reduces the work experience requirements.

**The Clinical Informatics Practice Pathway expires in 2025. Beginning in 2026, the exam will be available only for those physicians who have completed an ACGME-accredited fellowship in Clinical Informatics. This subspecialty certifying exam will be given annually throughout this period.



Courses

Credits

Introduction to Healthcare Informatics*	3
Foundation in Management Information Systems*	3
Integrated Electronic Medical Records*	3
Health Data Management*	3
Legal Aspects of Health Information Management	3
e-Healthcare Ethics	2
e-Medicine Business Models	3
Managerial Communications	3
Case Studies in Health Information Management	3
Healthcare Project Management	3
Elective Courses	3
TOTAL CREDITS	32

*Denotes Graduate Certificate in Health Informatics course. All 12 graduate-level credits earned from the four certificate courses can be applied toward the master's degree program.

Health Informatics

See how health informatics is streamlining information sharing for better patient care. [Learn More](#)

What You Will Learn

- Healthcare information systems and their relationship with data, people, procedures, hardware and software
- Latest processes for electronic storage and secure sharing of vital patient medical records
- Manage data via relational database systems and the structured query language (SQL)
- Understand data warehousing, online analytical processing, data quality issues, emerging cloud databases and data mining techniques
- Integrate informatics and clinical sciences with quality patient care

Who Should Apply

- Health IT and informatics professionals desiring new credentials and skills to help advance their careers
- Professionals in information technology or analytics looking to make a career transition into health informatics
- Clinical healthcare professionals seeking additional knowledge and credentials in health informatics

What You Can Do

USF Health's graduate programs in health informatics can help to complement your professional experience with new skills and knowledge in preparation for various positions in health IT, including:

- [Clinical Informatics Specialist](#)
- [Healthcare Data Scientist](#)
- [Health Information Manager](#)
- [Director of Clinical Informatics](#)

“The graduate certificate program was a great jumping point to transition into the master’s program of health informatics, and I love it. I’m so glad I did it!”

Patricia Gaffen, Certificate and MS in Health Informatics

MSHI Healthcare Analytics

Offered in partnership with:



The Healthcare Analytics concentration of the CAHIIM accredited Master of Science in Health Informatics can help you position yourself as a leader in the digital transformation of the nation's healthcare system through a deeper understanding of effective uses of healthcare data in improving healthcare operations and delivery.

Graduate Certificate in Healthcare Analytics

USF Health's Graduate Certificate in Healthcare Analytics is designed to provide you with foundational knowledge and skills to analyze and apply the data information healthcare organizations gather, making you a vital part of a healthcare informatics team. [Earn your Tier 3 SAS Academic Specialization at USF Health – Find Out How](#)

MSHI Healthcare Analytics program students may be able to sit for industry certifications*, including:

- HIMSS CAHIMS and CPHIMS
- AHIMA Certified Health Data Analyst (CHDA®)
- Project Management Institute (PMI) - Certified Associate Professional in Project Management (CAPM)®
- American Board of Preventative Medicine – Clinical Informatics Certification**
- AMIA Health Informatics Certification

*Students must meet all exam eligibility requirements outlined.

These certifications may carry education and work experience requirements. Typically, having a graduate degree reduces the work experience requirements.

**The Clinical Informatics Practice Pathway expires in 2025. Beginning in 2026, the exam will be available only for those physicians who have completed an ACGME-accredited fellowship in Clinical Informatics. This subspecialty certifying exam will be given annually throughout this period.



Courses

Credits

Introduction to Healthcare Analytics*	3
Statistics for Healthcare Analytics*	3
Healthcare Data Mining and Predictive Analytics*	3
Health Data Visualization*	3
Health Outcomes Research	3
Foundation in Management Information Systems	3
Health Data Management	3
Legal Aspects of Health Information Management	3
e-Healthcare Ethics	2
Elective Courses	6
TOTAL CREDITS	32

*Denotes Graduate Certificate in Healthcare Analytics course. All 12 graduate level credits earned from the four certificate courses can be applied toward the master's degree program.

Healthcare Analytics

See how healthcare analytics is helping to improve the quality of patient care. [Learn More](#)

What You Will Learn

- Shape the collection, management, analysis, reporting and sharing of healthcare data using the analytics life cycle
- Develop skills in data mining, data preparation, data visualization, descriptive statistics, healthcare data, predictive analytics, SAS Studio, SAS Visual Analytics and SAS Viya
- Apply analytical thinking, creative problem-solving and organizational strategies to support data-driven decision making
- Assess the functions, limitations, opportunities and challenges of information technology within the healthcare environment
- Comply with laws and regulations applicable to managing patient information

Who Should Apply

- Clinicians and health practitioners who want to lead the future of digital data use in healthcare
- Professionals with analytics, IT and/or engineering backgrounds looking to transition to a healthcare career
- Clinical healthcare professionals seeking greater understanding of statistics, data mining, management and reporting

What You Can Do

USF Health's graduate programs in Healthcare Analytics can help to complement your professional experience with new skills and knowledge in preparation for various positions in health IT, including:

- [Clinical Data Analyst](#)
- [Human Factors Engineer](#)
- [Clinical Systems Analyst](#)

“The course selection met with my desires to mix the analytics along with healthcare-related coursework. The Morsani College of Medicine has a great reputation, and the faculty involved in the program are leaders in their respective fields...”

Mike Gillin, MSHI Healthcare Analytics Graduate

Meet USF Health's Graduates



Cristina Alvarez-Correa

Certificate and MSHI Healthcare Analytics Graduate

“My decision to pursue USF Health’s MSHI was its offering of a concentration in Healthcare Analytics, including a SAS Approved Certificate in Healthcare Analytics, and that it is a HIMSS approved program. It was one of the only programs that offered informatics with a concentration in analytics.”

[Read Cristina's Story](#)



Patricia Gaffen

Certificate and MS in Health Informatics Graduate

“After I completed the Graduate Certificate in Health Informatics, I was able to obtain a position as a Quality Improvement Specialist for a not-for-profit healthcare organization... to provide affordable primary care services and increase access for all people, regardless of income or ability to pay for care.”

[Read Patricia's Story](#)



Mike Gillin

MSHI Healthcare Analytics Graduate

“Even though I already have a well-established career, I was drawn to get my master’s as an indication of my dedication and passion for this field. I believe it’s part of continuing education that is critical in both healthcare and information.”

[Read Mike's Story](#)



Caroline Saavedra

MS in Health Informatics Graduate

“I felt as though I needed more specific, detailed knowledge of how technology could help address some of the challenges within healthcare, so I held off graduate school until I felt confident I had found the right program to further my education.”

[Read Caroline's Story](#)

U.S. News & World Report consistently ranks the University of South Florida among America's best colleges, best online programs, best graduate schools and best medical schools.

USF Rankings

U.S. News & World Report

Ranked 42nd in 2023 Best Colleges - Top Public Schools

Ranked 82nd in 2023 Best Colleges - Best Value Schools

Ranked 61st in 2023 Best Colleges for Veterans

Ranked 46th in 2023 Most Innovative Schools

Ranked 97th in 2023 Best Colleges - National Universities

The Princeton Review

Ranked USF in the Top 50 Best Value College in 2021 for providing students with high-quality education and career readiness at an affordable cost

Morsani College of Medicine Rankings

U.S. News & World Report

Ranked 46th in 2023 List of Best Medical Schools: Research

1st

Ranked 2022 List of Top 50
Best Value Master's Degrees
in Health Informatics

Value Colleges

1st

Ranked 2020 List of Best
Online Certificates in Health
Informatics

BestColleges.com

4th

Ranked 2020 List of Best
Online Master's in Health
Informatics

BestColleges.com

14th

Ranked 2023 Best Online
Graduate Computer Information
Technology Programs

U.S. News & World Report

USF Health Partners with HIMSS

By meeting rigorous standards for health IT education, USF Health is a HIMSS Approved Education Partner (AEP) and a HIMSS Academic Organizational Affiliate (AOA) program.

The Healthcare Information and Management Systems Society (HIMSS) is a nonprofit member organization dedicated to improving healthcare in quality, safety, cost-effectiveness and access through the best use of information technology and management systems.

Approved Education Partner

As a HIMSS Approved Education Partner (AEP), USF Health meets HIMSS's thorough standards for quality health information and technology education for current and future leaders in the healthcare information industry. As an AEP, USF Health is part of a select group of organizations authorized to offer HIMSS-approved healthcare and health information technology and training programs, including preparation for CAHIMS™ and CPHIMS™ certifications.

Academic Organizational Affiliate

USF Health is a member of the HIMSS Academic Organizational Affiliate (AOA) Program, qualifying eligible students for a complimentary HIMSS student membership, which includes a variety of benefits and discounts.



HIMSS Student Membership* Benefits

- **Discount on CAHIMS examination:**
\$190 AOA rate (\$315 Non-Member rate)
- **Discount on CPHIMS examination:**
\$375 AOA rate (\$525 Non-Member rate)
- **20% discount on HIMSS eBook subscriptions**
- **\$5,000 scholarship** opportunity through the HIMSS Foundation
- Access to online HIMSS Learning Center with on-demand industry content and virtual live events
- Priority consideration for HIMSS Annual Conference & Exhibition as a Program Assistant
- Professional development and networking opportunities

*HIMSS membership also applies to current healthcare employees that are students at USF/USF Health.

Earn a Tier 3 SAS Academic Specialization Through USF Health Partnership with SAS

USF Health's Morsani College of Medicine and SAS, the leader in analytics, are offering graduate students the chance to earn a Tier 3 SAS Academic Specialization when they complete the Graduate Certificate in Healthcare Analytics. This program provides students with a foundation of knowledge and skills that will make them a vital part of a healthcare informatics team. Students will master the collection, organization and analysis of health data using the analytics life cycle. Specifically, they will develop skills around data dashboards, data mining, data preparation, data visualization, descriptive statistics, healthcare data, predictive analytics, SAS Studio, SAS Visual Analytics and SAS Viya.



The Benefits of SAS

SAS works closely with institutions to evaluate program curriculum and integrate SAS software in ways that allow students to develop skills in applying analytical concepts to current business problems using real-world data. The SAS Academic Specialization features three tiers representing various levels of engagement with SAS. With greater SAS integration (Tier 3) comes more benefits for the participating program and students, including:

- Exclusive certification exam preparation
- Exam discounts
- Access to SAS workshops and/or speakers
- Priority access to SAS customers for talent connections
- And more!

Share Your Achievement with a SAS Digital Badge

Successful completion of the SAS Academic Specialization can give students a competitive advantage in the job market. They also earn a **co-branded digital badge** that allows them to share their achievement online to various social media platforms (LinkedIn, Facebook and Twitter) in a way that is simple, trusted, and can be easily verified in real-time by employers. The digital image contains verified metadata that describes the student's qualifications and the process they went through to earn the badge, providing employers and peers concrete evidence of their SAS skills.

Did You Know?

The SAS Approved Graduate Certificate in Healthcare Analytics offered through USF Health's Morsani College of Medicine was the first program of its kind to be offered through a medical school in the United States.



USF Health Faculty

The faculty at USF Health's renowned Morsani College of Medicine is comprised of dedicated educators, physicians and practicing professionals who are experts in their fields. Selected for their scholarship and professional experience, many of the faculty members who teach on campus also bring their knowledge and acumen to USF's online programs.

USF Health's Educators:

- Award-winning researchers globally recognized for their expertise in a wide variety of disciplines
- Nationally-recognized physicians
- Experienced educators who are health and biomedical sciences professionals
- Devoted mentors who build relationships with their students, motivating them to reach their full academic and professional potential



Athanasios Tsalatsanis, PhD

(Healthcare Project Management, Foundation in MIS, Introduction to Healthcare Analytics)
Associate Professor, Dept. of Internal Medicine, Morsani College of Medicine, University of South Florida;
Director, Health Informatics MS Program

Meet USF Health's Program Faculty



Christina Eldredge, PhD, MD

“A strength of USF Health’s health informatics program is the interaction of the students in its online learning platform where students from all over the country are able to share ideas on these topics and, with the guidance of the professor, learn from diverse perspectives.”

[Meet Professor Eldredge](#)



Kelsey Schwei, PhD

“My teaching philosophy is students should be taught in a way that addresses their learning style, while still being respectful of a stimulating atmosphere that nourishes their expectations and accountability.”

[Meet Professor Schwei](#)



Tea Reljic, MPH

“The USF Health informatics program is unique in that it is housed within the Morsani College of Medicine and many of the faculty actively perform research at the College. This is important since it gives students the opportunity to work with a number of healthcare stakeholders...”

[Meet Professor Reljic](#)



Ali Yalcin, PhD

“The part that students never get to see in traditional data analytics courses is data collection. Most of the time, you’re given a link and there is the data. Here, you can write algorithms around this data and...sift through the noise to ensure the quality of your data.”

[Meet Professor Yalcin](#)

Experience USF's Online Classroom

USF Health's online graduate programs cover the same rigorous curriculum as the ground-based programs and are led by many of the same renowned faculty members who teach on campus.

USF Health Online Program Features

- **Engaging Content:** Interact with professors through virtual office hours and engage with your fellow classmates in faculty-monitored chat rooms, through collaborative discussion boards and more.
- **Online Student Support:** Access to USF's online library, tech support, and a Student Success Coach to help you register and prepare for classes.
- **Flexible Access:** The online learning platform, Canvas, is conveniently accessible 24/7 for students so they can complete their assignments when it's convenient.
- **8-Week Sessions:** Courses begin every eight weeks, with the time spent on each class dependent on the coursework. Professors will inform students of time requirements for each class.



Affordable, 100%
Online Programs



No Set Login Times



Earn a Master's Degree in
as Few as 2 Years



USF Tech Support
Offered 7 Days a Week



Interactive, Virtual Classroom
with Project-Based Learning



Award Winning Educators
and Researchers

“My Student Success Coach was amazing throughout the program. He checked in with me monthly to help me register for class and made sure I had everything I needed to complete the course. He seemed to genuinely care about my success at USF Health.”

Herlende Saint-Phard, MS in Health Informatics Graduate

Admission Requirements

All prospective students applying for the MS in Health Informatics, Graduate Certificate in Health Informatics, MSHI Healthcare Analytics or SAS Approved Graduate Certificate in Healthcare Analytics program must meet the following criteria for admission:

- Complete your application:** \$65 non-refundable application fee required
- A bachelor's degree from a regionally accredited university in the biological, chemical, computer or management information sciences or other acceptable field, or the equivalent bachelors and/or graduate degrees from a foreign institution*, is required.
- Official transcripts from all colleges and universities attended. Any bachelor's degree from a regionally accredited university (or the equivalent from a foreign institution) is required.
- Maintained a minimum overall grade point average of 3.00 out of a possible 4.00 with a minimum grade point average of 3.00 in the sciences
- Resume
- Provide two professional or academic letters of recommendation. Letters from friends and family members will not be accepted.
- Certificates Only:** Certificate Departmental Approval Form
- Provide a Statement of Purpose. Please include a short statement about why you are interested in the program and use this statement to speak about your application's strengths and weaknesses. See [Admissions Overview](#) for more information.
- While these are not required, GRE, MCAT or VAT standardized test scores or evidence of substantial health informatics experience can be submitted to enhance an application.
- Healthcare analytics program candidates should understand basic statistics.** Experience in data management and statistical software is preferred but not required.

To avoid potential delays in locating or receiving official documents for applications, applicants should mail their documents to:

Attn: University of South Florida
 MSC P51
 9417 Princess Palm Ave.
 Tampa, FL 33619-8313
 USA



Student Support

Your Student Success Representative will walk you through the application process and ensure you've met all the needed requirements. As you move through your program, your Student Success Coach will help you register for classes, order textbooks and answer any questions you may have.

Connect with Student Success: **855-295-1866**

If any of the Colleges or Universities you attended have the ability to send Official Electronic transcripts, they can send them to transcripts@usfhealthonline.com.

*International students may be required to submit additional information, if applicable.

Tuition & Financial Assistance

PROGRAM	COST PER CREDIT HOUR	TOTAL CREDITS	TOTAL COST
Graduate Degree Programs	\$907	32	\$29,024
Graduate Certificate Programs	\$907	12	\$10,884

Financial aid does not apply to the graduate certificate programs. Students using financial aid benefits may opt to 33 credit hours.

Books and materials are additional. Shipping charges for course materials are not included.

Tuition rates are subject to change.

Alternative Loans

The University of South Florida realizes that paying for higher education is a significant financial commitment. A variety of financial institutions offer private education loan products, which can supplement other financial aid and help students successfully manage college costs.

Credit Card

USF's online programs accept all major credit cards. For your convenience, there are interest-free payment options available to pay for tuition and materials each term. Contact us today to determine which of these flexible options fits you best.

Federal Student Aid

Federal Student Aid programs are the largest source of student aid. Take advantage of this opportunity by determining your eligibility with the Free Application for Federal Student Aid (FAFSA). The University of South Florida's code is 001537. For information, visit USFHealthOnline.com.

Federal Direct Loans

Federal Direct Loans must be repaid and are available to students who qualify. Graduate students can be eligible for loans up to \$20,500 per year. Maximum yearly loan award amounts are dependent on the individual financial needs of the student.

Tuition & Financial Assistance

Corporate Tuition Assistance

Employers recognize the immediate benefit that continuing employee education, training and development can provide. Many organizations have corporate tuition assistance benefits that cover per-credit-hour costs and may cover books and materials. Contact your employer's Human Resources department to find out if they offer tuition assistance or reimbursement.

Military Benefits

All college-credit programs offered by the University of South Florida are state approved for VA educational benefits. The U.S. Department of Veterans Affairs administers several education benefit programs, including: The Post-9/11 GI Bill®, Montgomery GI Bill-

Active Duty, Montgomery GI Bill-Selected Reserve, Reserve Educational Assistance Program, Veterans Educational Assistance Program, Survivors' and Dependents' Educational Assistance Program and National Call to Service Program.

Additional Tuition Information

These programs do not meet the University of South Florida's Employee Tuition Program (ETP) guidelines and are not eligible for a tuition waiver. Visit [USF's Educational Benefits](#) page for more information.

These programs do not meet the eligibility requirements to use Florida's State Tuition Waiver program benefit. For more information, please reference the [State Employee Tuition Waiver Programs Frequently Asked Questions document](#).



Career Outlook in Health IT

Employment opportunities in healthcare occupations is projected to grow 16% through 2031, much faster than the average U.S. job growth rate of 8%, according to the U.S. Bureau of Labor Statistics.

Want to learn more about potential career paths in health informatics and healthcare analytics?

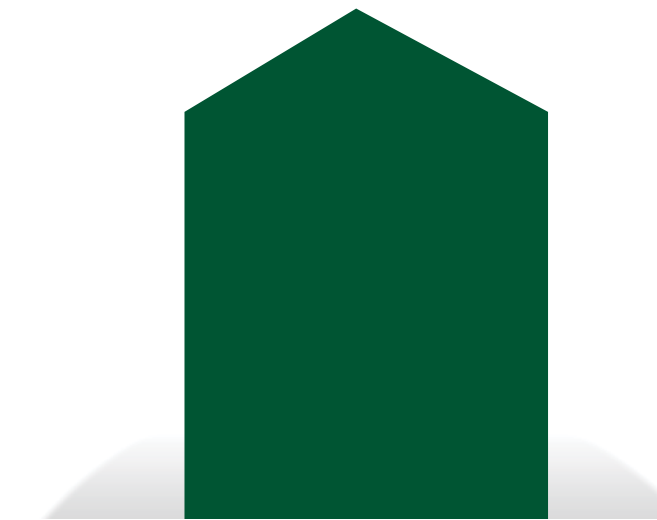
[Explore health informatics career articles](#)

[Explore healthcare analytics career articles](#)

*U.S. Department of Labor, Bureau of Labor Statistics, Occupational Outlook Handbook, 2021-2031 Edition, Computer and Information Systems Managers at <https://www.bls.gov/ooh/management/computer-and-information-systems-managers.htm>. **U.S. Department of Labor, Bureau of Labor Statistics, Occupational Outlook Handbook, 2021-2031 Edition, Medical and Health Services Managers on the Internet at <https://www.bls.gov/ooh/management/medical-and-health-services-managers.htm>.

National long-term projections may not reflect local and/or short-term economic or job conditions, and do not guarantee actual job growth. Information provided is not intended to represent a complete list of hiring companies or job titles, and degree program options do not guarantee career or salary outcomes. Students should conduct independent research for specific employment information.

16%



Health Informatics

Projected employment growth through 2031*

Median Salary*

\$159,010

28%



Healthcare Analytics

Projected employment growth through 2031**

Median Salary**

\$101,340

Connect with USF Health Online

The Health IT Beat Podcast

Hear the latest insights from the world of health informatics and healthcare analytics with discussions of trending industry news and stories of how health IT is changing the healthcare landscape.

Listen wherever you get your podcasts.
[Access the podcast archive here.](#)



Resources Blog

Gain thoughtful insight on the key concepts and trending topics in health IT, while getting an in-depth look at USF Health's online graduate programs, including faculty, student and course spotlights.

[Explore the resources blog](#)

Social Media

Follow and connect with USF Health across our social platforms:



Start Your Journey with USF Health

Sign in with the email address you provided for receiving this guide when logging in to your application. You can request your forgotten password or reach out to your Student Success Representative for support.

[Complete and Submit Your Application](#)



USF Health

Morsani College of Medicine