Criteria for Informatics Leader Success – Fellowships, Degrees, Certification Programs and Other Options for Career Advancement

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Digital _____

- Emerging trends
- Influencing and leading change
- Gap identification
- Human factors engineering, socio-technical, user experience, etc.
- Design thinking, Systems thinking
- Privacy and Security
- Governance

Your job will not be taken by robots but by people who understand Digital Transformation better

https://paul-bessems.medium.com/digital-transformation-needs-more-pioneers-not-more-it-279e168d6e57
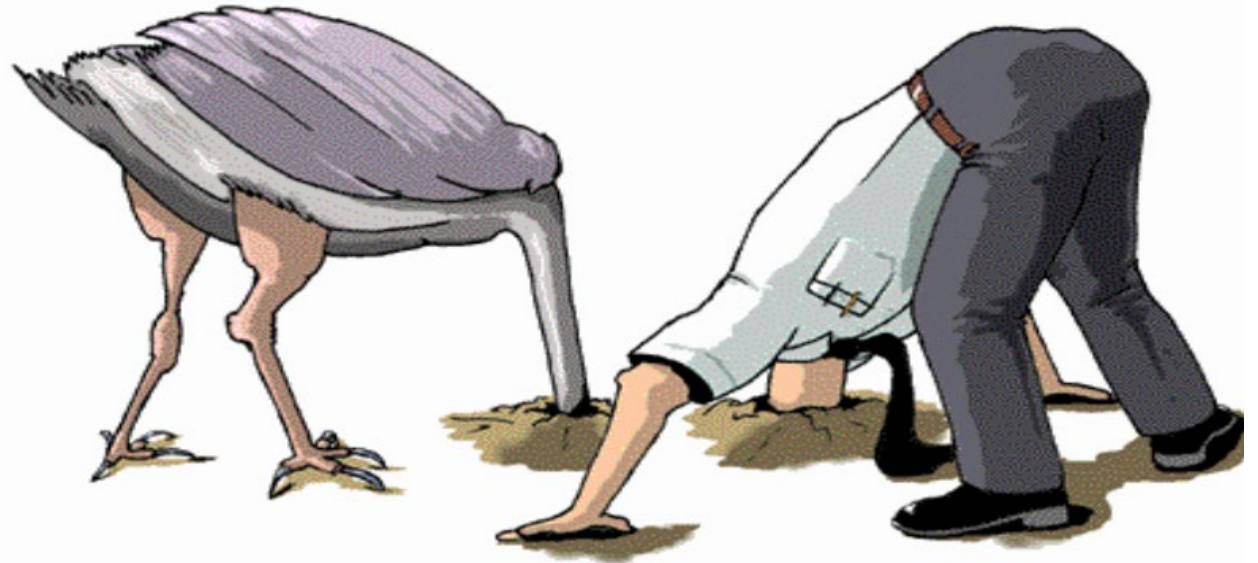
Digital Transformations do not need to be Difficult

WHO LED THE DIGITAL TRANSFORMATION OF YOUR COMPANY?

A) THE CEO
B) THE CTO
C) COVID-19
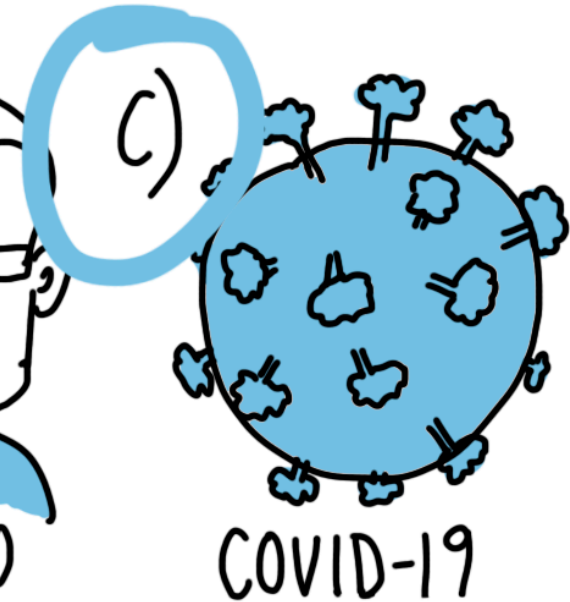
BUSINESSILLUSTRATOR.COM

> " *The greatest danger in times of turbulence is not the turbulence; it is to act with yesterday's logic.* "
>
> – Peter Drucker

Where are you in the Digital Transformation Process?

80% of respondents' organizations have begun digital transformations, but only 14% cite **sustained performance improvement** (N=1733), healthcare specific (n=100)

With data providing a strategic advantage, only 17% said their organization has developed new digital and analytics capabilities, yet 50% say that their organization has reallocated operating expenses
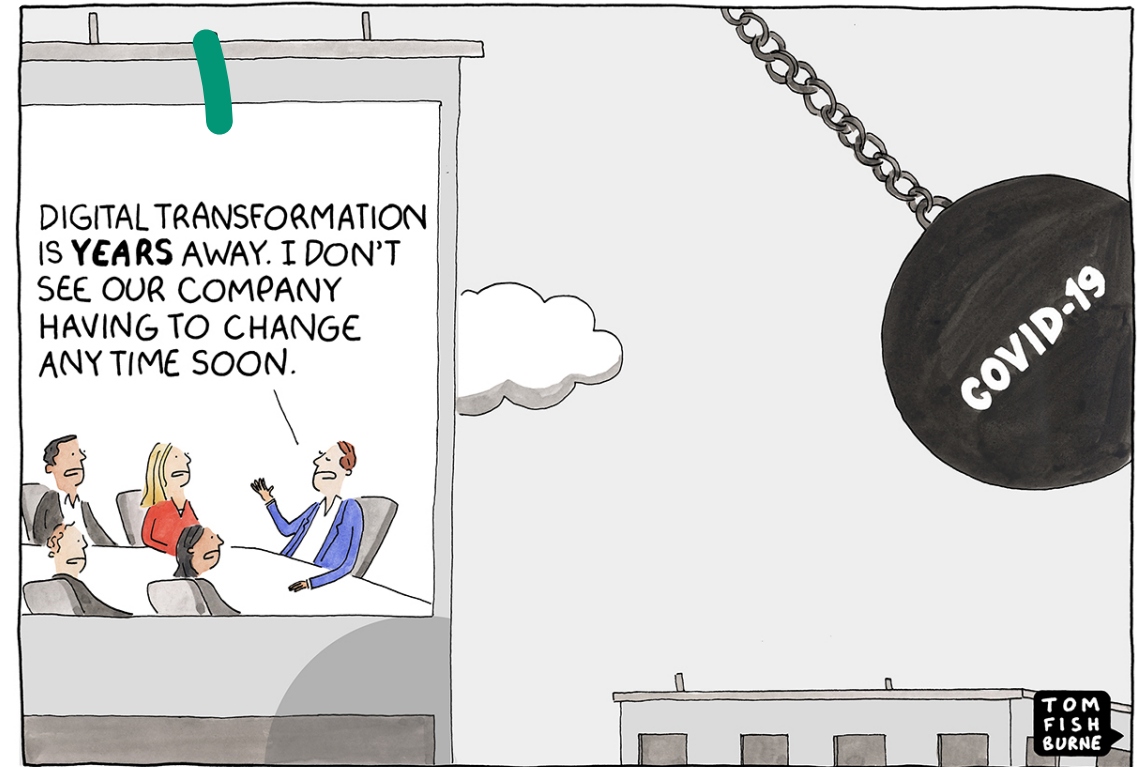
85% agree or strongly agree that their organization is **committed to attracting and developing highly talented individuals**

https://www.mckinsey.com/business-functions/mckinsey-digital/our-insights/five-moves-to-make-during-a-digital-transformation
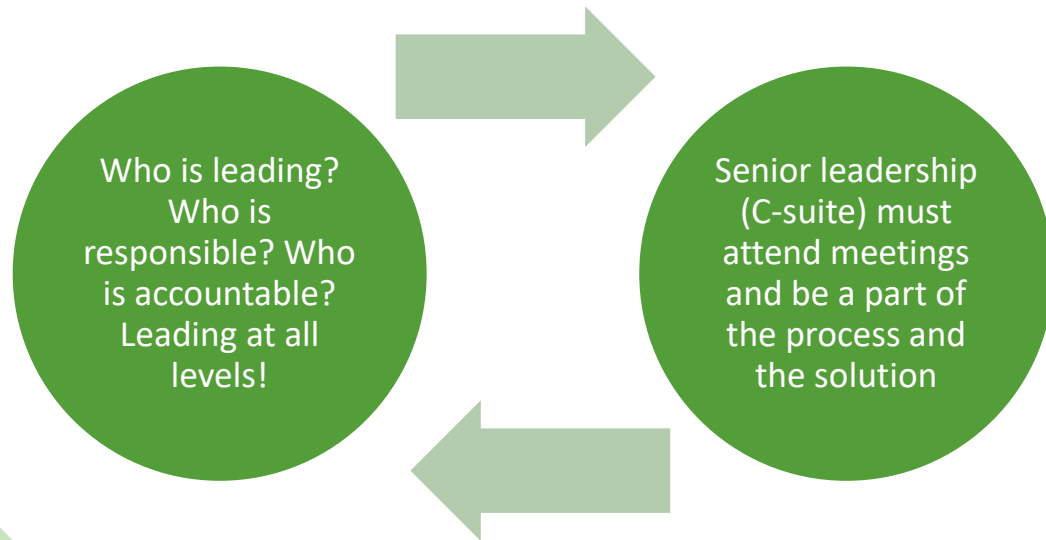
Digital Strategy – Leading

- Digital leaders are accelerating their rate of technology investment and strategically applying technology to enable business transformation. In doing so, digital leaders broaden the gap between themselves and the digital laggards

- Lead a laser focus on a clear set of well-defined objectives so that digital initiatives align with business goals

- Lead bold and decisive scope setting through entrepreneurial approaches

- Digital penetration is about 37% across all industries – healthcare is about 51%
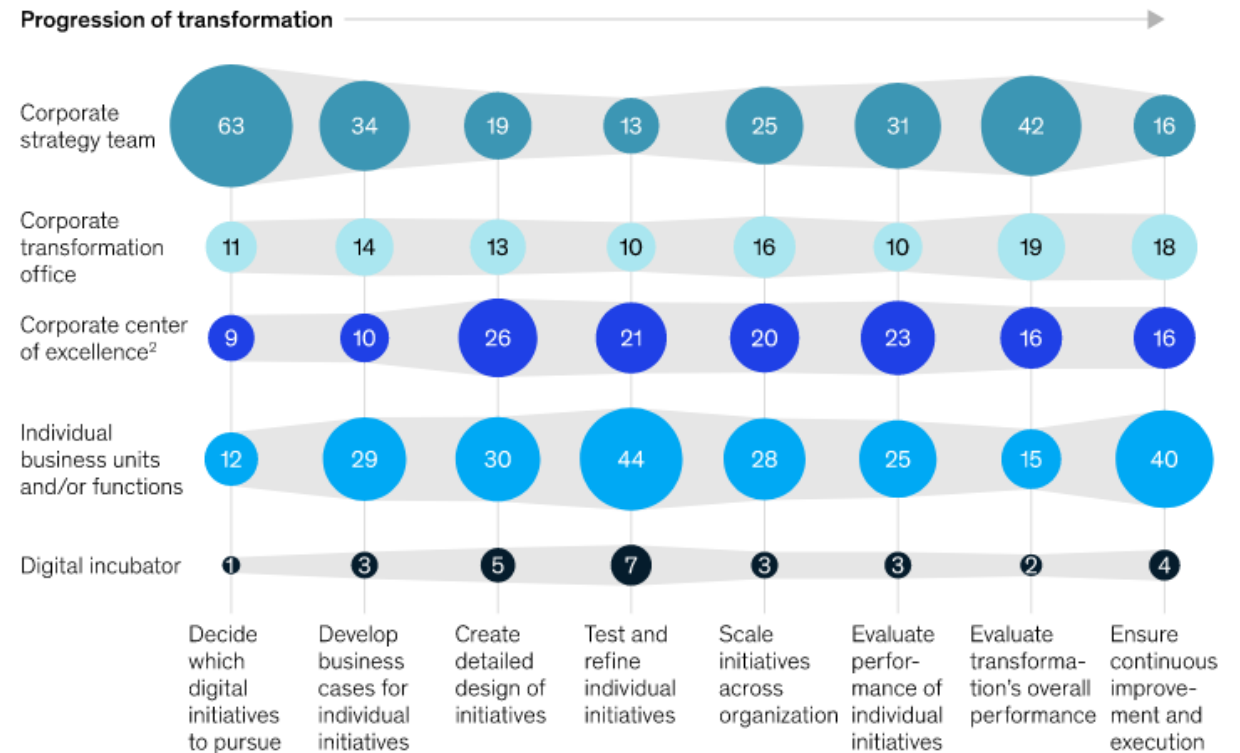
Digital Strategy – Leading

Who is leading? Who is responsible? Who is accountable? Leading at all levels!

Senior leadership (C-suite) must attend meetings and be a part of the process and the solution

Ownership of a transformation shifts over time, and the results show how the most successful companies manage these changes.

Part of organization responsible for given transformation phase,
% of respondents reporting successful transformations[1]

Progression of transformation

	Decide which digital initiatives to pursue	Develop business cases for individual initiatives	Create detailed design of initiatives	Test and refine individual initiatives	Scale initiatives across organization	Evaluate performance of individual initiatives	Evaluate transformation's overall performance	Ensure continuous improvement and execution
Corporate strategy team	63	34	19	13	25	31	42	16
Corporate transformation office	11	14	13	10	16	10	19	18
Corporate center of excellence[2]	9	10	26	21	20	23	16	16
Individual business units and/or functions	12	29	30	44	28	25	15	40
Digital incubator	1	3	5	7	3	3	2	4

Digital Strategy – Architecting Success

- Fight ignorance
- Fight fear
- Fight guesswork
- Fight diffusion
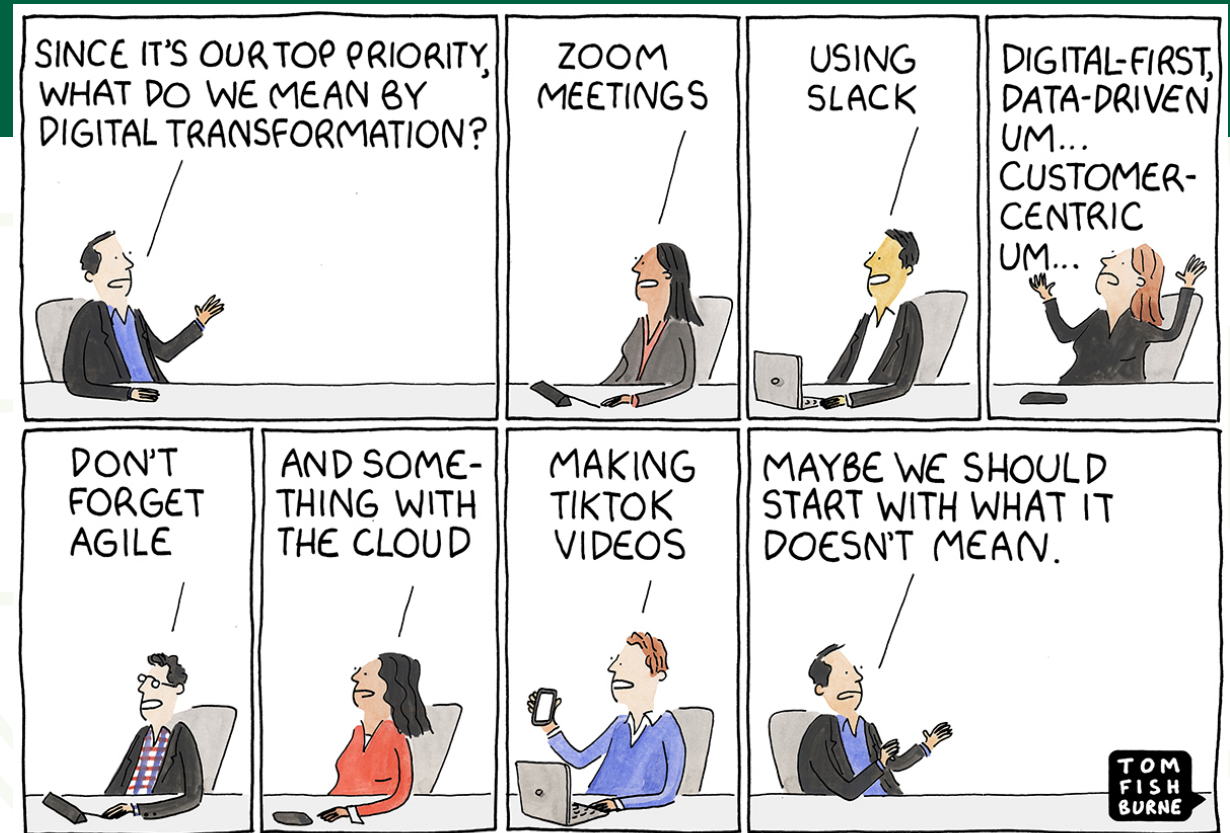
Digital Strategy – Executing
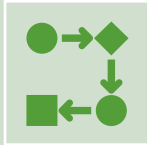
Create an adaptive design in an agile environment allowing for flexibility and frequent changes (revisit that 5-year plan weekly/monthly)

Define owners of each portion or initiative and make it clear to others

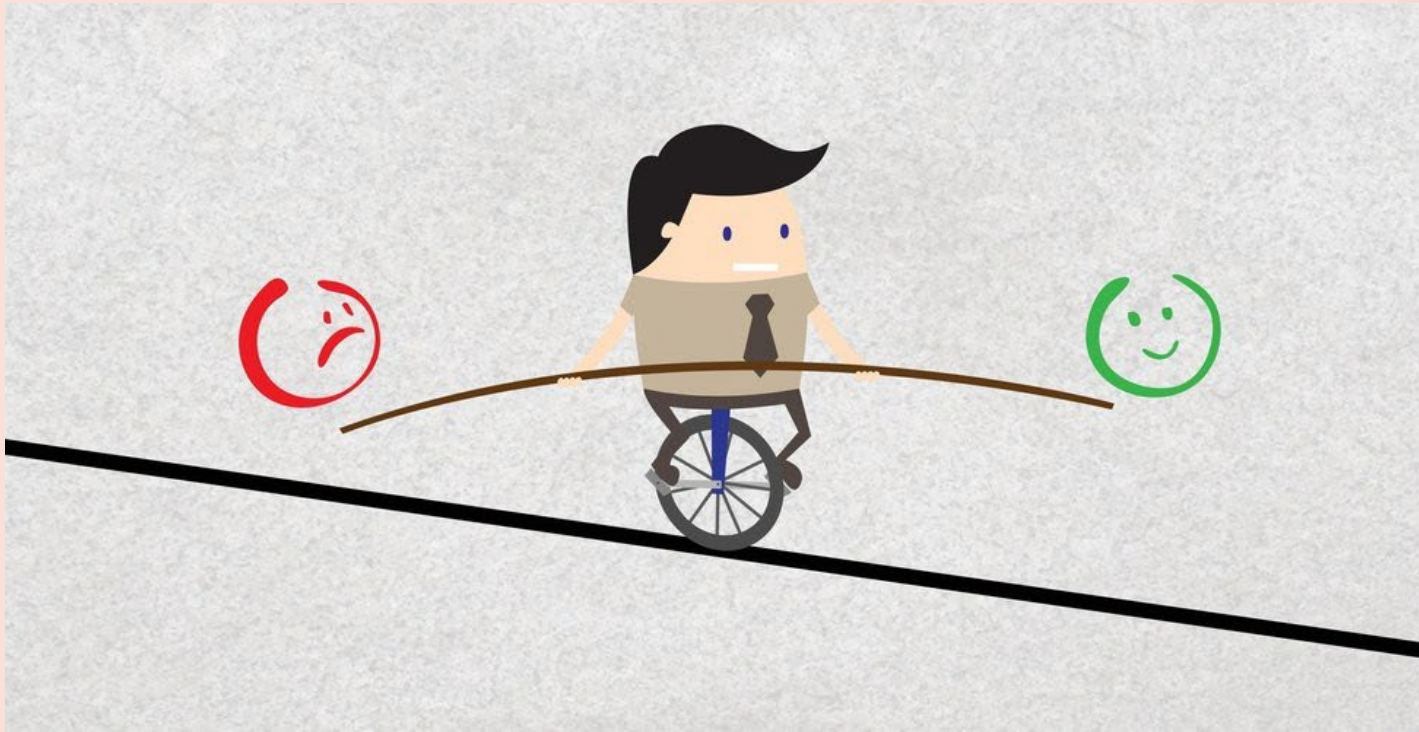Sustained engagement of senior leadership with change agents and influencers

What are some of the most critical issues?
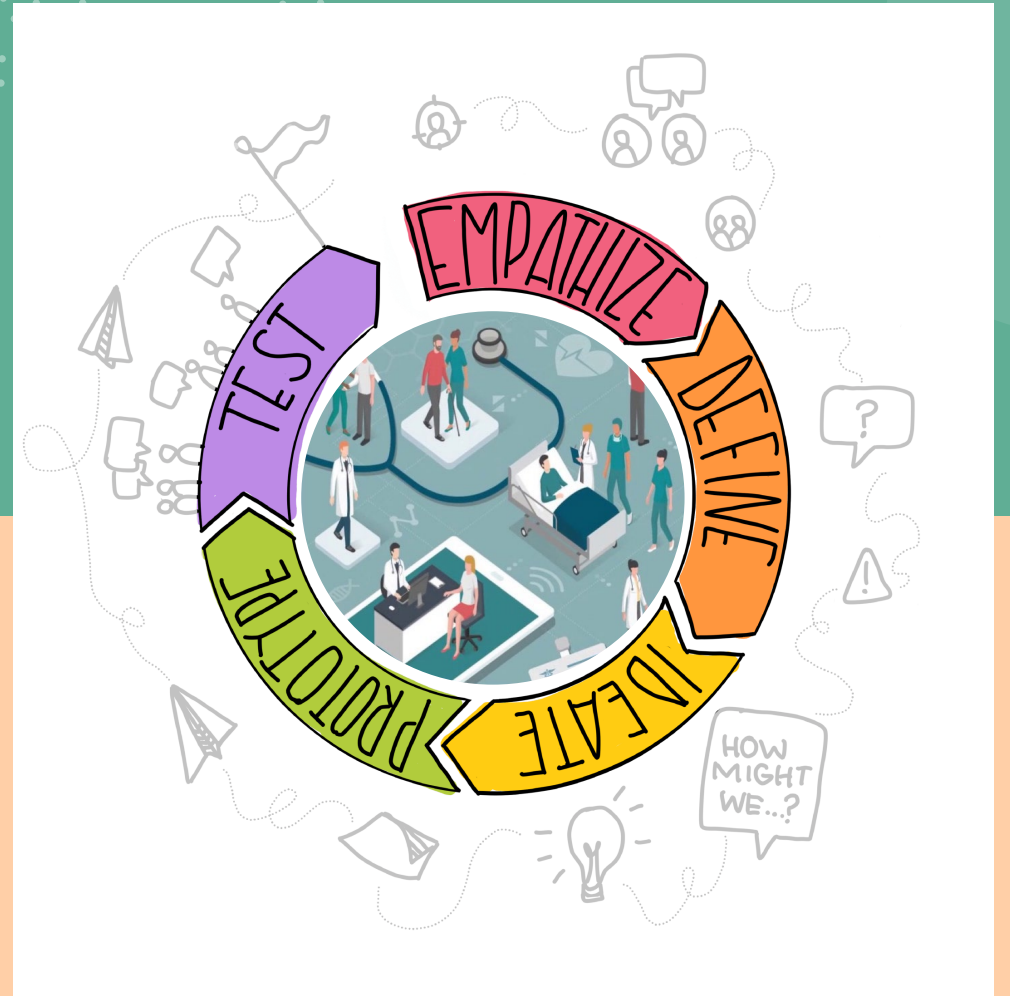
Workforce – Ensuring you have a solid team

- Are your hiring expectations realistic?

- Is your job posting getting you want you need?

- Who do you have that will train the new worker?

- Are you able to communicate effectively with your team?

Human factors engineering, user experience, socio-technical, etc.

- Ensuring balance
- "We have an app for that!"

THE UNIVERSITY OF ALABAMA AT BIRMINGHAM.

Design thinking, Systems thinking

Governance

administration
corporate
committees
rules
policy
GOVERNANCE
board
staff
ethics
mission
decision making
responsibility

Options for Closing Knowledge and Experience Gaps – for you and your workforce

- Certifications
- Certificates
- Graduate Degree
- Board Certified/Fellowships

Online Certifications, CMEs, and Upskilling – Non-Transcripted

- HIMSS – Certified Professional in Digital Health Transformation Strategy (CPDHTS)SM
- Coursera – Digital Health Specialization
- Coursera – Health Informatics
- CAHIIM – Digital Health Professional/Leader Certificate
- AMIA – AMIA Health Informatics Certification (AHIC)
- AMIA – AMIA 10x10 (use toward MSHI)
- Columbia – Digital Transformation in Healthcare
- Harvard – Digital Health
- CHIME – Various Programs

Online Certificates – Transcripted

- University of South Florida

- MIT

- University of Alabama at Birmingham (new Digital Health Leadership)

- Oregon Health Sciences University

- Coursera – Various university options

- University of Missouri

Graduate Degree – Health Informatics Subspecialty Board Certified

- CAHIIM Directory of Accredited Programs
- ACGME Fellowship

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The University of Alabama at Birmingham

We Have Exciting News!

The American Board of Medical Specialties approved a **3-year extension** of the practice pathway for Clinical Informatics. You can now leverage a Masters of Science in Health Informatics to fulfill the qualifications for the practice pathway exam requirement by completing the MSHI program at UAB.

LEARN MORE ABOUT THE MSHI PROGRAM

DEGREE ROAD MAP 2022
Master of Science in Health Informatics

Semester	Core Courses		Credit Hours
Fall Year 1	HI 599	Professional Development	0
	HI 611	Introduction to Health Informatics and Health Care Delivery	4
	HI 613	Analysis and Design of Health Information Systems	4
Spring Year 1	HI 614	Clinical & Administrative Systems	3
	HI 617	Principles in Health Informatics	3
	HI 620	Security and Privacy in Healthcare	3
Summer Year 1	HI 618	Research Methods in Health Informatics	3
	HI 619	Databases and Data Modeling	3
	HI 621	Strategic Planning, Project Management and Contracting	3
			26

Semester	Data Analytics Track		User Experience Track		Research Track		Credit Hours
Fall Year 2	HI 599	Professional Development (core)	HI 599	Professional Development (core)	HI 599	Professional Development (core)	0
	HI 641	Healthcare Data Analytics Challenges, Methods, and Tools	HI 656	Human Factors in Healthcare Information Technology Systems	INFO 696	Biomedical Informatics Methods I	3
	HI 642	Advanced Data Management and Analytics for Healthcare	HI 657	Human-centered Research Design Methods for Healthcare	HI XXX	Elective	3
	HI 671	Data Analytics Capstone Project I	HI 672	Healthcare User Experience Capstone Project I	HI XXX	Research Capstone Project I	1
Spring Year 2	HI 643	Business Intelligence for Healthcare	HI 658	Development of User Centered Health Information Systems	INFO 697	Biomedical Informatics Methods II	3
	HI 646	Advanced Quantitative Methods for Health Informatics	HI 659	Qualitative Synthesis for Healthcare Insights	HI XXX	Elective	3
	HI 673	Data Analytics Capstone Project II	HI 674	Healthcare User Experience Capstone Project II	HI XXX	Research Capstone Project II	1
Summer Year 2	HI 624	Leadership Theory and Development (core)	HI 624	Leadership Theory and Development (core)	HI 624	Leadership Theory and Development (core)	2
	HI 675	Data Analytics Capstone Project III	HI 676	Healthcare User Experience Capstone Project III	HI XXX	Research Capstone Project III	3
							19

The MSHI program is a total of 45 credit hours.

10x10™
Training Next-Generation Informatics Leaders

+

3 CERTIFICATE COURSES

↓

Certificate in Clinical Informatics

WANT TO CONTINUE?

12 MORE MSHI COURSES

↓

MS in Health Informatics