

# JOSHUA RICHARDSON, PhD, MS, MLIS

## Strategic & Program Leadership

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Delivering evidence-based insights in digital health and knowledge management to drive continuous improvement in healthcare delivery and research.

## WORK EXPERIENCE

### UNIVERSITY OF MICHIGAN, HEALTH AI PUBLIC PERCEPTIONS PROJECT

Co-Investigator (Contractor) | September 2024 - March 2025

- Led investigations of patient perceptions and preferences of health AI via 5 focus groups to inform AI governance strategies and national policies.
- Advised on qualitative and quantitative study designs, including an online interactive design sprint, for prototyping a health AI “nutrition label”.

### NORTHWESTERN FEINBERG MEDICAL SCHOOL, GALTER LIBRARY

Senior Research Scientist | July 2024 - January 2025

- Co-chaired an inaugural NIH-funded work group that engaged over 50 research leaders nationwide to determine common metrics of successful implementations.
- Collaborated with 7 institutions and the NIH on the “GREI Initiative” to generate published best practices for open data submissions and a forthcoming peer-reviewed article on strategic partnerships through “coopetition”.

### RTI INTERNATIONAL

Research Health IT Scientist | September 2015 - March 2024

- Launched a first-of-its-kind cross-institutional initiative, aligning C-suite leadership and 10 department heads to collaboratively fund and award 2 research projects to early investigators for \$100,000.
- Directed and managed 4 cross-functional teams and subject matter experts in the development and implementation of 2 digital health apps for managing chronic pain across outpatient and specialty clinics at 2 academic medical centers.
- Led over 20 research initiatives that delivered digital health program evaluations, informatics impact assessments, and data policy recommendations.

### WEILL CORNELL MEDICINE

Assistant Professor & Assistant Library Director | June 2013 - August 2015

- Led efforts to seamlessly deliver clinical decision support and educational tools on mobile devices to 3+ hospital departments and 300+ clinicians.

- Managed a team of 6 librarians to deliver data science, bioinformatics, consumer health and research services; while separately conducting digital health and policy research resulting in 10+ peer-reviewed articles (cited 600+ times).
- Researched, synthesized, and delivered reference reports and just-in-time education from rounding with inpatient clinical teams 3 - 5 times per week.

#### Instructor | December 2010 - May 2013

- Published 10+ peer-reviewed research articles (cited 500+ times) on digital health interventions in multiple care settings including primary care and home health.
- Designed, led, and managed 2 masters-level courses on digital health: Health Information Exchange, Privacy & Security (Weill Cornell); and Health Information Technology & Quality (Cornell Sloan Master of Health Administration).

#### NATIONAL LIBRARY OF MEDICINE FELLOW

##### National Library of Medicine Fellow | August 2005 - September 2010

- Led an interview and observation-based investigation to discover the challenges and solutions to using commercial clinical decision support tools within community-based practices, such tools to reduce cognitive load in practice.
- Drove peer-reviewed research on 2 projects on the early adoption of VoIP technology within clinical settings that led to greater awareness of its impacts on clinician communication, clinical workflows, and hospital IT architectures.

#### EDUCATION

##### OREGON HEALTH & SCIENCE UNIVERSITY

PhD and MS, Medical Informatics | 2005 - 2010

##### SAN JOSE STATE UNIVERSITY

MLIS, Library and Information Science | 1999 - 2001

##### SAN FRANCISCO STATE UNIVERSITY

BA, History | 1996 - 1998

#### SKILLS

Qualitative Research	Quantitative Research	Change Management	Clinical Data Standards	AI/ML, Data Science	Agile, Scrum
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