

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

NORTHWESTERN UNIVERSITY SCHOOL OF PROFESSIONAL STUDIES

Certificate, Artificial Intelligence & Machine Learning | 2024 -2025

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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