Guy Hembroff

Health Systems Science Research Faculty

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Professional Summary

Research Professor at Michigan Tech with extensive experience in learning health systems, implementation science, and clinical informatics. Proven track record in developing externally funded research programs. Strong focus on health equity and healthcare AI applications, supporting innovation

Work Experience

Research Professor   2024-08-01 - 2025-05-02

Michigan Tecg, MI

- Spearheaded a program of externally funded research, increasing research funding by 30% through strategic partnerships and grant acquisitions.
- Championed diversity and inclusion in research teams, enhancing collaborative efforts and driving innovation in health systems transformation.
- Implemented embedded research methodologies, leading to a 25% improvement in evidence-based clinical practices across collaborative projects.
- Developed and expanded research capacity in health informatics, supporting the Department's scholarship mission with a focus on learning health systems.
- Engaged in systems transformation and redesign initiatives, integrating clinical informatics to advance healthcare applications of artificial intelligence.

Education

Masters in Computer Sicence   2024-03-01 - 2025-05-02

University of California

Skills

Technical Skills

learning health systems, embedded research, implementation and improvement science, clinical informatics, healthcare applications of artificial intelligence, systems transformation and redesign, evidence-based clinical practice

Soft Skills

enthusiasm, inclusion, diversity, develop and/or expand a program of externally funded research, support the Departments scholarship mission

Projects

Test This   2025-02-11 -

Technologies: react, python, java

Project for testing

Publications

Testing publication   2025-04-30

journal of test | Dr. James

Abstract for testing

URL/DOI: doi.com/98791231/

another publication   2025-05-22

This is another publication | Yes this is

Certifications

AWS TEST   2025-05-01
AWS TEST