

Department of Biomedical Informatics

- [Prospective Students](#)
- [Impact](#)
- [Research](#)
- [People](#)
- [About DBMI](#)
- [News & Events](#)
- [Current Staff &](#)

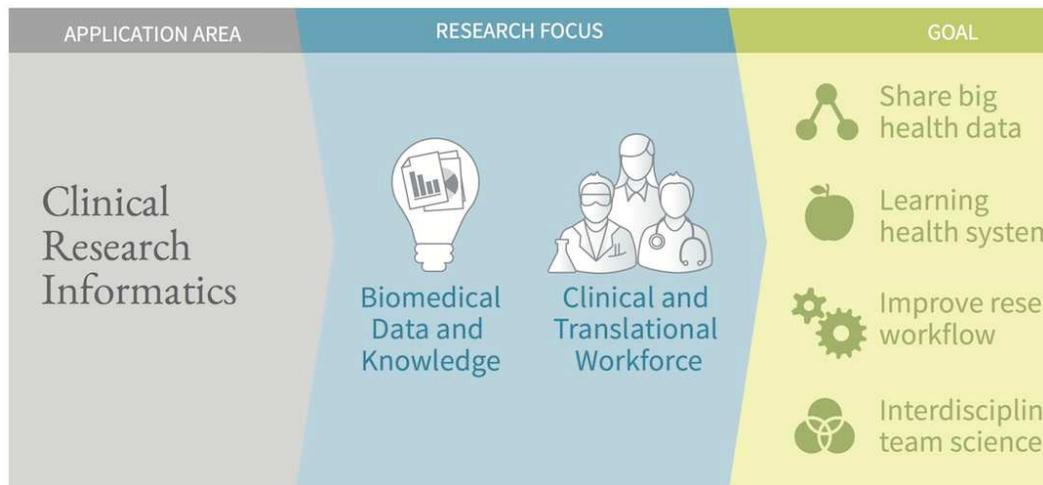
RESEARCH

Research

Research Areas

- [Clinical Informatics](#)
- [Public Health Informatics](#)
- [Clinical Research Informatics](#)
- [Translational Bioinformatics](#)
- [Computational Biology](#)

Clinical Research Informatics



Clinical research informatics (CRI) is a rapidly evolving sub-discipline within biomedical informatics. It focuses on developing new theories, tools, and solutions to accelerate the full translational continuum: basic research, clinical trials, and medical centers and practice. Two recent factors accelerating CRI research and development efforts are the extensive and diverse informatics needs of the Translational Sciences Awards and the growing interest in sustainable, large-scale, multi-institutional distributed research network comparative effectiveness research.

Given the broad landscape that comprises translational science, CRI scientists conceive of innovative solutions that span biological, population-based research. The field has simultaneously borrowed from and contributed to many related informatics disciplines. CRI integrates clinical and translational research workflows in addition to core informatics methodologies and principles into a framework that reflects the unique informatics needs of translational investigators. The conceptual framework for CRI is organized around three conceptual core workflows; data sources and platforms; and informatics core methods and topics.

Clinical Research Faculty



Chunhua Weng



Suzanne Bakken

PROSPECTIVE STUDENTS

- [Why DBMI](#)
- [How to Apply](#)
- [Current Research](#)
- [Our Programs](#)
- [Current Requirements](#)
- [Alumni Stories](#)
- [Courses](#)

RESEARCH

[Research Areas](#)

IMPACT

- [Conquering Diabetes with Data](#)
- [Data-driven Precision Research](#)
- [iNYP](#)
- [WICER](#)

LEADERSHIP

- [Faculty & Staff](#)
- [Students](#)
- [Postdocs](#)
- [Alumni](#)

ABOUT DBMI

- [DBMI Careers](#)
- [Press & Media](#)
- [History](#)
- [Visit Us](#)

NEWS

- [Conference Room Schedule](#)
- [Conference Request Form](#)

CURRENT REQUIREMENTS:

- [Requirements \(Pre 2015\)](#)
- [Our Programs](#)
- [Forms](#)
- [Courses](#)