The Biomedical Informatics Core (BMI) works with multiple data sources to capture, process, and protect data relevant to translational research. BMI also connects data and information to researchers.

ICTS provide resources and training that enables investigators to succeed in translating their research from labs to the community and beyond.

**Cores, Units, and Labs**

**Biomedical Informatics Core**
The Biomedical Informatics Core (BMI) works with multiple data sources to capture, process, and protect data relevant to translational research. BMI also connects data and information to researchers.

**Biostatistics, Epidemiology, and Research Design Core**
The Biostatistics, Epidemiology, and Research Design Core (BERD) assists investigators with their research studies to make them more efficient.

**Clinical Research Unit**
The Clinical Research Unit (CRU) provides unique resources and a multidisciplinary staff to enable high quality clinical research, to support the career development of early stage clinical and translational investigators, and promote interactions between basic and clinical research faculty.

**Engagement, Integration, and Implementation Core**
The Engagement, Integration, and Implementation Core develops and tests methods of engagement to ensure the inclusion of community and stakeholder input in translational research. ICTS works to integrate children, minorities, rural, and older populations into research to attain improvements in health and lifestyle for all.

**Mobile Technology Lab**
The Mobile Technology Lab provides easy to use, efficient, inexpensive, and scalable approaches for remotely collecting data from research subjects outside healthcare facilities.

**Research Study Coordinator Core**
The Research Study Coordinator Core assists principal investigators from initial point of contact to the completion and closeout of a research study. This research staff is comprised of highly trained and experienced individuals that provide full service support.

**Services**

- MyCap
- RedCap
- Research Data Request
- TriNetX
- UI BioShare

- Create and analyze study designs
- Train PIs
- Develop methods to analyze data

- Consultations
- Infusion bay area
- Laboratory services
- Metabolic kitchen
- Nursing services
- Phlebotomy room
- Specialty labs

- Link to provider networks
- Provide technical assistance on engaging stakeholders
- Training on community engaged research

- Send/receive text messages via SMS
- Send/receive images, video, and audio files
- Data from Internet of Things sensors

- Budgets
- Child health research support
- Data management
- Informed consent documents
- IRB applications
- Negotiation with sponsors
- Project coordination
- Regulatory support
- Subject recruitment
Educational opportunities
Our Workforce Development Core trains scholars, community members, and research professionals for careers and engagement in translational science. ICTS is developing and delivering educational offerings that are designed to be customizable across our workforce audience.

Programs
- Early Scholars Certificate in Clinical and Translational Science
- Iowa Mentoring Academy
- KL2 Scholars Program
- MS in Translational Biomedicine
- Team Science Training

Training opportunities
- Academy for Research Professionals
- Clinical Lecture Series
- K Club
- K Grant Writing Workshop
- Methodology Training

Clinical Research and Trials Website
This new website will help automate the recruitment process and create a one-stop-shop for prospective research participants to find clinical trials they may be eligible for at the University of Iowa.

шей www.uihealthcare.org/clinicaltrials

Registries
Iowa Research Heroes
Seniors Together in Aging Research

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Stay updated
Follow us on social media to get updates about our services, training, educational opportunities, and resources related to clinical research.
@ICTSIowa