

Informatics

Center for Clinical and Translational Science



CCTS

CCTS Informatics connects investigators with biomedical data and analytics.

Research Data Warehouse

- Electronic Health Record (EHR) Data
- Document Repositories
 - Full Text-, Semi- and Structured medical notes
- IRB Protocols
- Clinical Trial Management Data
- Study Generated Data
- Other Data Sources
 - Tumor and Transplant Registries
 - Biospecimens, AGHI, PROs
 - Social Determinants (Census Derived, Area Deprivation)
 - Document Metadata



Expertise & Training

- Clinical Data2Discovery Gateway
- Bioinformatics Scientific Gateway
- Social Determinants of Health Core
- Hackathons
- ATTIS
- PowerTalk Seminar Series
- CCTS Media Channel
- Kaizen Gamification Platform
- Degree Programs

Regional Research Initiatives



Alabama Genomic HEALTH INITIATIVE

Infrastructure Tools



Powering National Initiatives



Research Tools:

Clinical Informatics, Bioinformatics, Social Determinant, Data Capture, Integration & Management



CCTS Connects

- Shepherding Informatics across the **CCTS Partner Network** and national CTSA consortia
- **CCTS BERD** leverages CCTS Informatics resources for cohort discovery
- Enabling clinical informatics in units like **CCTS Specimen Processing and Bioprocessing**



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uab.edu/ccts/research-commons/informatics

