The CCTS Partner Network crosses institutional boundaries to improve human health and health care delivery. This innovative partnership provides the foundation for addressing health disparities through collaborative research and training efforts.

Building on initial relationships from the Deep South Network for Translational Research, we have expanded to create new and more formal partnerships with regional institutions for mutual benefit. Regional partners are working together to facilitate and promote unique opportunities, including drug discovery and development (with UAB, Southern Research, Auburn and South Alabama), integrative genomics (with HudsonAlpha), advanced magnetic resonance imaging (with Auburn) and research with participant populations having disparities in clinical outcomes (LSU, Mississippi, Pennington, South Alabama, Tulane, Tuscaloosa, Tuskegee and UAB).

HudsonAlpha Institute for Biotechnology
PI: Rick Myers, PhD
- High throughput genomics, bioinformatics, and analytic pipelines.
- Facilitates the development of innovative approaches and specialized technology for genetic and genomic analysis.
- Performs genome sequencing and analysis for the Undiagnosed Diseases Program (UDP).

Louisiana State Univ. Health Sciences Center
PI: Lucio Miele, MD, PhD
- Louisiana Cancer Research Center (LCRC) Tissue/Biospecimen Repository.
- Part of the Southeastern Informatics Consortium and the Biostatistics Collaboratory.

Pennington Biomedical Research Center
PI: William Cefalu, MD
- Investigative expertise in obesity and aging research, botanicals and metabolic syndrome, and drug development.
- Member of the National Exercise Trials Network (NExTNet)

Tulane University
PI: Roy Weiner, MD
- Translational research and training strengths.
- Significant research support in Cancer Biology and Clinical Cancer Research.
- Core assets in clinical research, clinical research career development, molecular genetics, bioinformatics, ethics, and community participation.

University of Alabama at Tuscaloosa
PI: John Higginbotham, PhD, MPH
- Investigative expertise in rural health, community engagement and clinical trials.
- Collaboration with the Institute for Rural Health Research.

University of Mississippi Medical Center
PI: Richard Summers, MD
- Operates the Jackson Heart Study (JHS) sponsored by the National Heart, Lung and Blood Institute and the National Center for Minority Health and Health Disparities.

University of South Alabama
PI: Mark Gillespie, PhD
- Expertise in clinical trials, translational and community research
- Translational Research Service Core

Southern Research
PI: Andrew Penman, PhD
- Investigative experience in small molecule screening, lead discovery and optimization, and preclinical drug development.
- Drug discovery efforts with special emphasis on oncological, antiviral, and cytoprotective drugs.

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