

# Center for Clinical and Translational Science

Robert P Kimberly, MD, Director  
University of Alabama at Birmingham



## CCTS



### Tuskegee University

Site Lead: Clayton Yates, PhD

- National Center for Bioethics in Research and Healthcare.
- Spearhead major regional workshops in bioethics as part of the CCTS Training Academy.

### The University of Alabama at Tuscaloosa

Site Lead: John Higginbotham, PhD, MPH

- Investigative expertise in rural health, community engagement and clinical trials.
- Collaboration with the Institute for Rural Health Research.

### University of South Alabama

Site Lead: Mark Gillespie, PhD

- Expertise in clinical trials, translational and community research
- Translational Research Service Core

### Southern Research

Site Leads: April Brys, PhD  
Mark Suto, 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

### University of Alabama at Birmingham

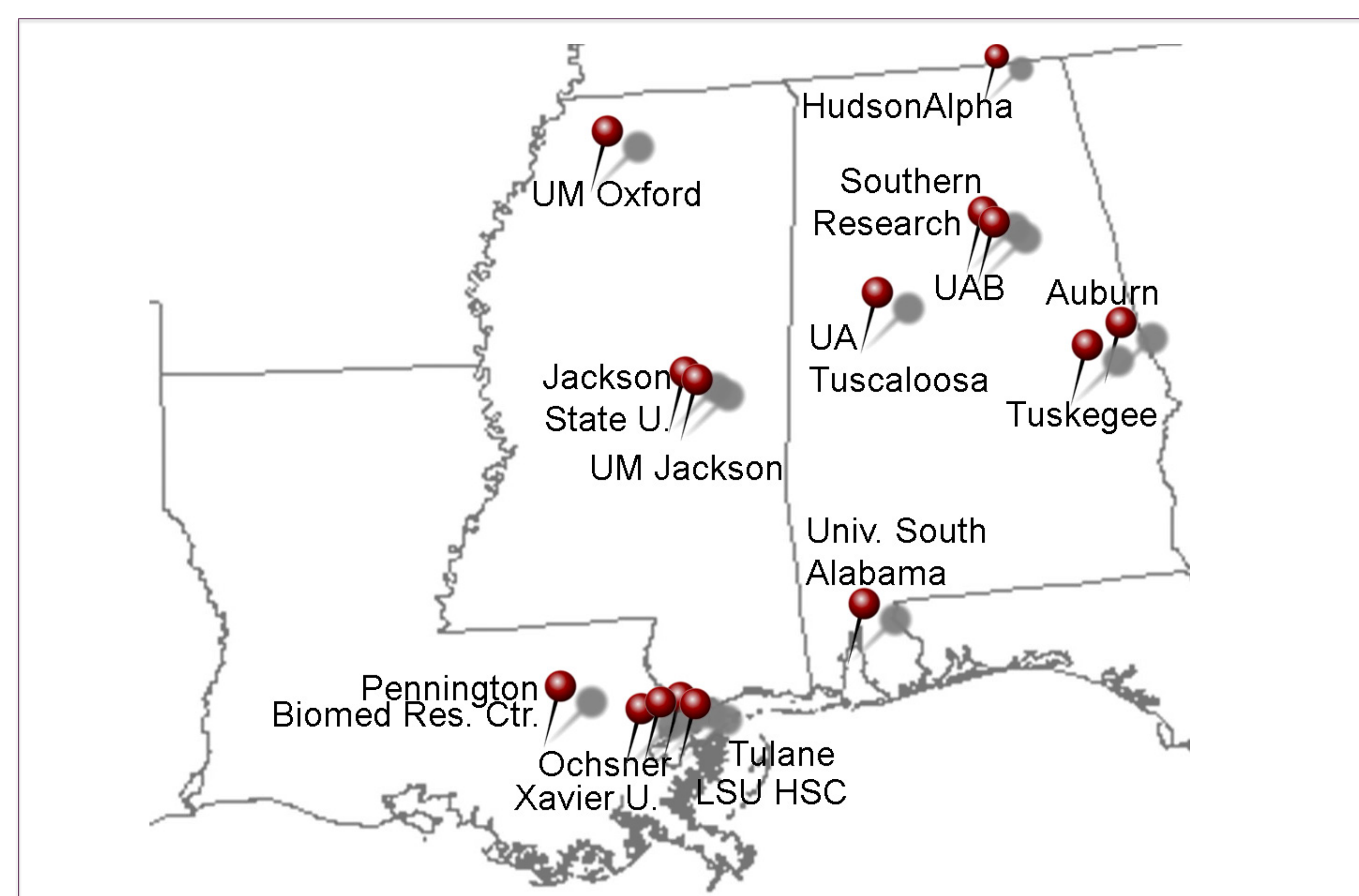
PI: Robert P. Kimberly, MD

- Medical Research Institution Hub for CTSA
- Foundation of coordinating efforts spanning clinical translations, research, training, partner network, community engagement initiatives and beyond

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 and diseases that disproportionately affect the Southeast United States through collaborative research, training and community engagement efforts.

Spanning Alabama, Mississippi and Louisiana, the partner network facilitates unique opportunities that benefit from:

- Experience with participant populations disproportionately burdened with chronic disease and disparities in health outcomes
- Expanded capacity in drug discovery and device development
- Leadership in integrative genomics and precision medicine
- Expertise spanning the informatics spectrum
- Core facilities and integrated biorepositories
- Established history of collaborative training



### Auburn University

Site Lead: Thomas Denney, PhD

- Provides investigative expertise through imaging, translational animal models, clinical pharmacy, drug development and populations outcome research.
- World class 3T and 7T MR imaging facilities.
- Auburn Laboratory for Imaging Animal Systems
- Programs supporting clinical translation, such as AURIC (the Auburn University Research Initiative in Cancer).



### HudsonAlpha Institute for Biotechnology

Site Lead: 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

Site Lead: Lucio Miele, MD, PhD

- Louisiana Cancer Research Center (LCRC) Tissue/Biospecimen Repository.
- Part of the Southeastern Informatics Consortium and the Biostatistics Collaborator.



### Pennington Biomedical Research Center

Site Lead: Eric Ravussin, PhD

- Investigative expertise in obesity and aging research, botanicals and metabolic syndrome, and drug development.
- Member of the National Exercise Trials Network (NExTNet)



### University of Mississippi

Site Lead: Leigh Ann Ross, PhD

- School of Pharmacy
- National Center for Natural Products Research



### Tulane University

Site Lead: Tonette Krousel-Wood, 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.



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