The Ohio State University Center for Clinical and Translational Science

Synergizing strengths and leveraging resources to catalyze scientific innovation
Clinical & Translational Science Award (CTSA)

To ensure new discoveries lead to improved public health, clinical science must evolve to better:

- Implement biomedical discoveries.
- Develop, test, and bring new prevention strategies into medical practice more rapidly.
- Catalyze change - lower barriers between disciplines.
- Encourage creative and innovative approaches.
“a mission to create new knowledge as a sacred social compact”
Sharing a Common Vision

Working together as a national consortium, CTSA institutions share a common vision to improve human health by transforming the research and training environment to enhance the efficiency and quality of clinical and translational research.

CTSA Philosophy

Team Science

Connectivity

Partnerships

Collaboration

Breaking Down Institutional Barriers
The Challenges for Clinical and Translational Research

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CCTS | Center for Clinical & Translational Science

CTSA | Clinical & Translational Science Awards
## Creation of Transdisciplinary Collaboration

### Overarching Goal
Create an environment and culture that supports team science.

### Objectives
- Create an awareness of the unique roles that all OSU and NCH faculty and staff play in the success of research
- Develop a cadre of well trained research faculty and staff
- Provide opportunities for success through research networking
The Challenges for Clinical and Translational Research

17 years

Basic Science Discovery \( \rightarrow \) Clinical Research Translation \( \rightarrow \) Community Translation

T1 \( \rightarrow \) T2

Increase research efficiency

Faster adoption of new findings to patient care
The Ohio State University:
The Largest and Most Comprehensive University
CCTS Vision Statement

- Targeted Pilots and Novel
- Training and Workforce Development
- Engage Existing and Emerging Programs

METRICS

DISCOVERY ↔ COMMUNITY HEALTH

Ultimate Objective

Translational Engine

Crafting Environment

NCH  Biostatistics  Clinical Research  Community Engagement  Informatics  Regulatory
CCTS Values

• **transformative** of an academic culture to support the development of a discipline of clinical and translational science
• **innovative** by supporting new teams and research methodologies to apply to health research opportunities
• **inclusive** by engaging faculty, staff and students from the 7 Health Sciences Colleges and the University community who share a common vision about clinical and translational science
• **responsive** to needs and emerging priorities
• **transparent** in factors considered in resource and activity allocation