CTSI Your Partner In Research

Clinicians

The Clinical and Translational Science Institute (CTSI) facilitates innovative clinical and translational research at the Wake Forest School of Medicine. We have developed a variety of tools and services designed to support your research and career development.

Explore our available services and see how we might help you! Visit ctsi@wakehealth.edu.

Wake Forest® School of Medicine

ctsi.wakehealth.edu | ctsi@wakehealth.edu

EDUCATION

Interested in learning more about clinical informatics or research design?

The CTSI offers education opportunities focused on enhancing clinical and translational research knowledge and skills.

Opportunities include:

Clinical Informatics Short Course: The CTSI offers a 16-hour short course with the goal of introducing participants to the core content of clinical informatics.

Clinical Research Methods Short Course: The CTSI sponsors a short course that introduces participants to research study design. Course topics include methodological issues, statistics, sample size and power, and data synthesis.

Research Education Seminars and Courses: The CTSI provides live and "Ready When You Are" online educational opportunities designed to enhance knowledge and skills in conducting effective research.

Access a full list of educational offerings at ctsi.wakehealth.edu.

CLINICAL RESEARCH UNIT (CRU)

Do you need support to conduct clinical research?

The CRU provides dedicated clinical space, patient care, bionutrition and specimen processing for approved studies.

Support for clinical studies includes:

- **Dedicated Research Space:** 14 exam rooms, procedure room, metabolic kitchen and CLIA-certified specimen processing laboratories.

- **Patient Care:** Research nurses and technicians conduct procedures for studies with pediatric, adult and geriatric patients.

- **Bionutrition:** Research dietitians and technicians provide food service, nutrition assessments and nutrition education.

- **Specimen Processing:** Technicians provide specimen processing with an emphasis on eliminating pre-analytical variation.

- **Dry Ice:** Available for research study needs. Dry ice can be used within or outside of the CRU.

BIOMEDICAL INFORMATICS

Do you need access to data or programming assistance?

CTSI staff can assist in querying clinical data, managing your research data via REDCap and building applications to enhance your research projects.

Services include:

i2b2 and the Translational Data Warehouse: Our analysts can query clinical data for cohort identification and pull detailed data for approved research projects. Available data includes demographics, diagnoses, procedures, medications, lab results, vitals, and visit details from the medical record.

REDCap: A secure, web-based application for building and managing online surveys and databases. It enables rapid project development, provides users with complete autonomy and control of a project, and directly exports data to common statistical packages. Access to REDCap is free to all WFBH employees. CTSI staff will build REDCap projects for a fee.

Programming: Do you have advanced data collection needs beyond REDCap's capabilities? Our experienced programmers can help assess your technical needs and build custom applications and tools.

FUNDING OPPORTUNITIES

Do you have an idea for a novel technology or want to test the feasibility of a novel approach?

The CTSI offers a number of funding opportunities to accelerate your research goals.

Programs available include:

Translational Pilots: One-year awards of up to $40,000 to support novel projects that bridge translational gaps. Within a typical year, the CTSI will fund 8-10 awards. Investigators should anticipate the release of new RFAs in August of each year.

Ignition Funds: Rapid-access awards of up to $5,000 to help maintain momentum on feasibility projects. Ignition funds are issued every month.

KL2 Program: Scholars receive two years of salary support and other expenses to support educational and research needs. More information found in Education.

Request a Service!
To request any of our services, please complete our Service Request Form by selecting "Request Services" at ctsi.wakehealth.edu. Services are open to all faculty.

RESEARCH STUDIOS

Would you like to enhance the quality of your research, increase publications or generate new hypotheses?

When you request a Research Studio, CTSI faculty and staff will assist in developing a multi-disciplinary panel of experts to participate in a guided roundtable discussion focused on your needs and goals.

Each 90-minute session will include a facilitator and key experts, and conclude with verbal and written feedback to investigators.

STUDY COORDINATOR POOL

Need help with the management of clinical studies?

Our Study Coordinator Pool offers reliable, experienced research staff to assist in the day-to-day management of clinical research studies. Coordinators are available to:

- Prepare and submit IRB applications and consent forms, prepare and maintain regulatory binders, develop study documents, and assist in negotiation and preparation of budgets.
- Recruit and screen participants, conduct study visits, collect data, draw and process specimens, and track finances.
- Act as a liaison between study teams and sponsors.

For more information or questions, please contact ctsi@wakehealth.edu.

CitE & SUBMit
Publications supported by WF CTSI must cite the CTSA Grant number (UL1TR001420) and, by law, be submitted to PubMed Central. For instructions, review the NIH Public Access Policy at publicaccess.nih.gov.

UL1TR001420

GRANT EDITING

Need help preparing and editings grants?

The CTSI provides professional medical editing and writing services to all investigators. We can help with grant preparation, editing and guidance, application resubmissions, and the development of letters of support, biosketches and other supporting documents.

Learn more about our services at ctsi.wakehealth.edu

- Biomedical Informatics
- Biostatistics, Epidemiology & Research Design (BERD)
- Collaboration and Team Science
- Evaluation and Continuous Improvement
- Integrating Special Populations
- Implementation Science Affinity Group
- KL2 Career Development Program
- Nonhuman Primate Program
- Mentor Academy
- Multi-Site Study Support
- Participant & Clinical Interactions
- Participant Identification & Recruitment
- Program in Community Engagement
- Regulatory Knowledge and Support
- Translational Imaging
- Translational Pilot Program
- Translational Workforce Development

For more information or questions, please contact ctsi@wakehealth.edu.

BIOSTATISTICAL SUPPORT

Need expert consultation on your research design?

The Biostatistics, Epidemiology and Research Design (BERD) Program provides faculty with clinical research design and interpretation expertise, including education in research design and analysis. BERD experts are available to:

- Address study design, including select best study type, define a sampling strategy, and estimate sample size and power
- Develop statistical analysis plans, prepare data for analysis, analyze existing data, and interpret results
- Assist in the preparation of manuscripts and grants

BERD also offers drop-in consultation hours to all faculty free of charge (visit ctsi.wakehealth.edu for available hours).

COMMUNITY ENGAGEMENT

Need assistance connecting with community partners?

The Program in Community Engagement (PCE) facilitates collaboration among community members, health care providers and translational scientists through scheduled events and consultation services. PCE faculty and staff are available to assist with the following:

- Entree to community organizations
- Brokering relationships between investigators and community members
- Project design and development
- Implementation and evaluation of community-engaged programs and projects

CTSI Administration

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