University of Southern California • Children's Hospital Los Angeles

SCCTSI SOUTHERN CALIFORNIA CLINICAL AND TRANSLATIONAL SCIENCE INSTITUTE

Translating Science into Solutions for Better Health

Navigating the SC CTSI

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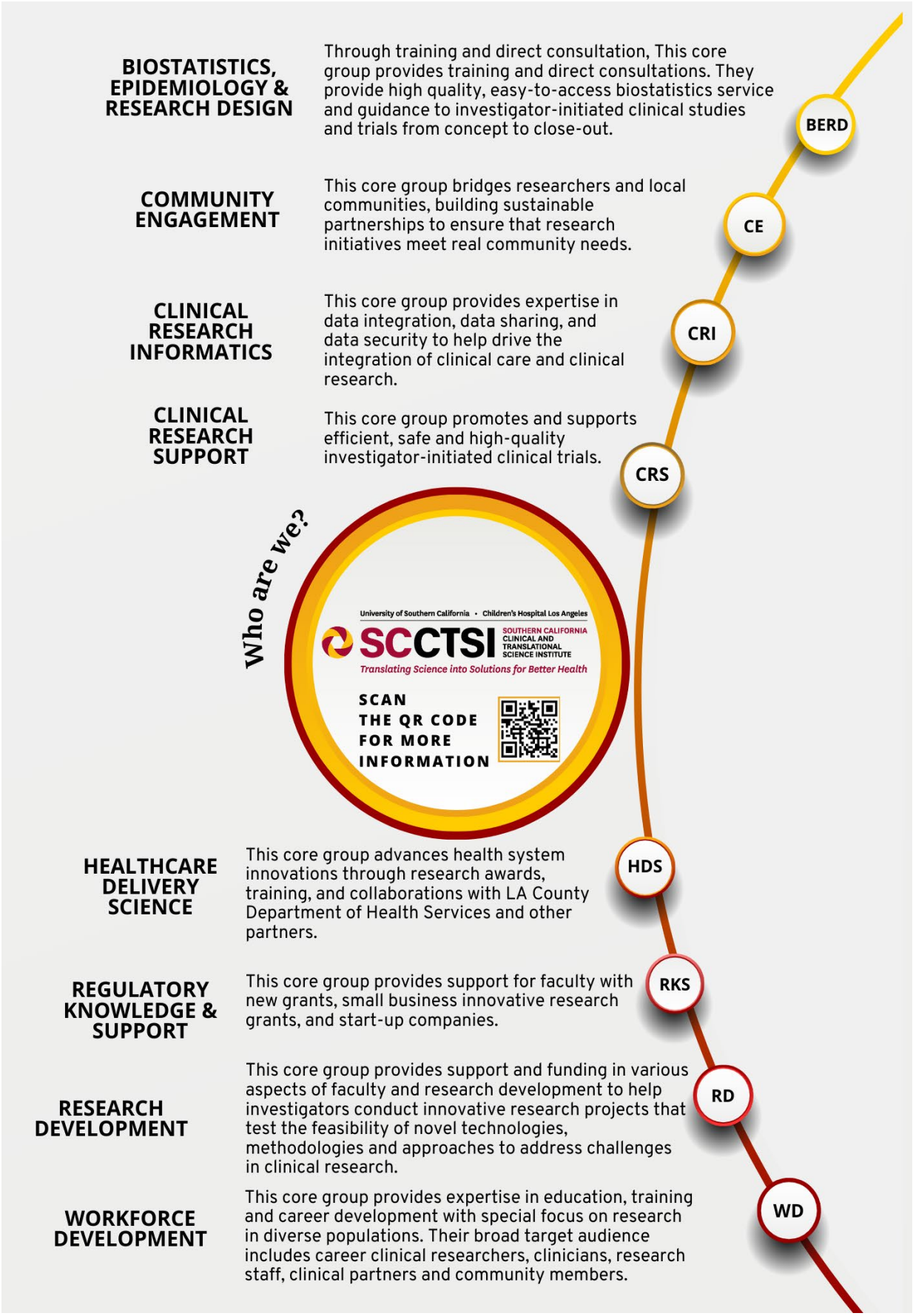
About Us

The Southern California Clinical and Translational Science Institute **(SC CTSI)** is a multifaceted resource for clinical and community-partnered translational research. Set in the heart of Los Angeles where 85% of residents are from historically-marginalized communities, 90 languages are spoken, and health disparities are high, we support researchers who face special challenges above and beyond traditional research hurdles. We view these challenges as opportunities to make research with diverse populations easier and more beneficial for our communities.

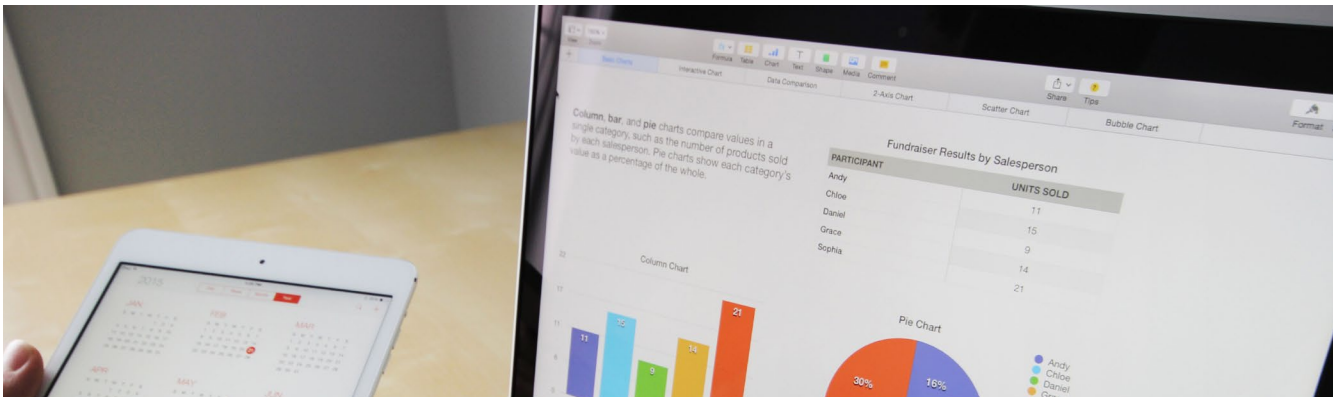
We are proud to provide pilot funding, multiple training opportunities, robust clinical research support, digital recruitment methods, community connections, and many other tools to more than 1,000 investigators working at USC, CHLA, the LA County Department of Health Services and in the communities of Los Angeles. Join us as we continue our mission to improve clinical care and health outcomes through cutting-edge research.

"SC CTSI has been very available through my career development, and the members of the group have been supportive in my academic endeavors in a way that can only pave a path to success."

SC CTSI: Who We Are



Research Services and Support



Research Design and Biostatistical Support

Pricing:

Depending on the faculty member's appointment, free consultation hours may be available

The recharge rate is $125 per hour after initial consultation

% effort charge model also available

Free 1-hour initial consultation is included!

Submit a request by completing this form

The SC CTSI team assists investigators with:

- Data management and REDCap advice
- Review of database and data collection instruments
- General statistical advice
- Determining testable hypotheses within existing data
- Formulating research questions to guide study design and data collection
- Study design, analysis plans for IRB protocols
- Data preparation, data analysis for abstracts and manuscripts
- Sample size estimation, data management and analysis plans for grant submissions
- Summary analysis reports, including statistical methods, tables and figures
- Response to reviewers' statistical critiques for manuscript revision
- Qualitative research design and analysis

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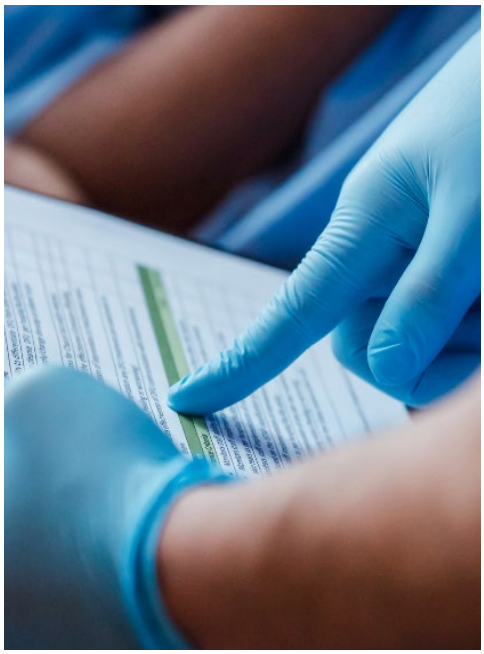
To access this service at CHLA, click here

Research Staff for Hire

Don’t have time to hire and train a research coordinator or nurse?

Let the Clinical Research Support Team do the hiring and training for you so you can focus on your research. Our research coordinator staff can be onboarded at both Keck and LAC+USC and are up to date on all of their training and certifications.



Our experienced, fee-for-service research staff provide study- related services such as:

- Regulatory preparation
- REDCap database creation
- Participant recruitment
- Study visit coordination
- Data collection and entry
- Biospecimen collection
- Conducting screening, baseline, and follow-up visits
- Performing study-specific assessments that require a licensed provider
- And much more!

Submit a request by completing this form

Pricing:

We offer two different types of models, depending on your study needs:

1. Hourly Model
2. Effort Model

Contact us for more information. We can help you decide which model works best for your project needs.

To access this service at CHLA, click here

Clinical Trial Lab Services

- Specimen processing (blood, hair follicle, stool, saliva)
- Serum/plasma separation
- Aliquoting
- Processing via refrigerated centrifuge, microcentrifuge
- Whole blood without processing (no centrifugation)
- Urine or 24-hour urine collection
- Hematology slides (blood smear)
- Buffy coat separation
- WBC from Whole Blood
- Serum/plasma ultrafiltrate
- Quantiferon Gold
- Short term storage in -80 deg C freezer, -20 deg C freezer, and/or small incubator
- Labelling, shipping, and handling

Pricing:

We work with study teams to come up with a pricing model that works for their specific study needs.

Submit a request by completing this form

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To access this service at CHLA, click here

Community-engaged Research Support

Pricing:

Most services provided are free of charge to USC and CHLA research teams.

Submit a request by completing this form

The SC CTSI team offers a range of expertise to help carry out community-engaged research in a responsible and respectful manner that protects communities and provides well informed solutions to pertinent health issues. This service allows users to approach Community-engaged research through an experienced perspective. Our team helps users consider issues they may encounter in the field and provides the best methods to address them.

Informatics-based Research Tools and Services

Clinical Research Informatics (CRI) fosters efficient, secure and high-quality data access, management and interoperability.

- Custom Data Requests and Clinical Data Services
- Data Retrieval from Medical Records for CHLA, DHS, & USC Researchers
- Find Trial Sites with Eligible Patients Across CTSA Network
- Geospatial Social and Environmental Data
- Data Discovery Tools/Data Networks : i2b2, TriNetX, LADR, N3C, ACT, Optum Claims Data
- Data Management Tools: REDCap, OpenSpecimen

Pricing:

Depending on the faculty member's appointment, free consultation hours may be available

Recharge rate may vary but starts at:
$125/hour NIH funded / $150 Non-NIH

View detailed rates here

Submit a request by completing this form

Regulatory Support

Assists with developing regulatory strategies for FDA approval, monitoring and reporting study progress and data quality.

Who we serve:

Faculty with new grants, small business innovative research grants, start-up companies

We can assist with:

- Investigational drug (IND) applications
- Investigational device exemptions (IDE)
- Internal monitoring and auditing
- Dietary supplements marketing strategies
- Marketing applications for drugs and devices

Pricing:

Hourly Rate: Complimentary first hour service.

USC faculty: $150/hour after initial consultation.

USC Student/Associate Support: $60/hour after initial consultation.

Submit a request by completing this form

Healthcare Delivery Science Support

The Healthcare Delivery Science (HDS) core group within the SC CTSI advances health system innovations through research grants, training, and collaborations with LA County Department of Health Services and other partners. These partnerships provide opportunities to overcome healthcare silos and inefficiencies and address patients' and the health system's priorities.

Researchers interested in conducting Healthcare Delivery Science research are welcome to request consultations on topics such as:

- How to engage operational leaders at LAC+USC Medical Center in research design and implementation
- The process for conducting research at LAC+USC Medical Center
- Training and career development in Healthcare Delivery Science

Pricing:

Our entire range of services is completely free of charge.

Submit a request by completing this form

Education & Training

Mentored Career Development

Webinars & In-Person Trainings

Coursework

Mentored Career Development:

Mentored Career Development in Clinical and Translational Science Award (KL2):

The Mentored Career Development in Clinical and Translational Science (MCD-CTS) award is a three-year program created to support research career development for health professionals or individuals with research doctoral degrees who wish to pursue formal training and a career in clinical and translational research.

The MCD-CTS Program advocates Scholar diversity under an Inclusive Excellence framework to promote unique perspectives and innovation in research. The program welcomes and encourages applications from junior faculty members who are underrepresented minorities - Black, Indigenous and People of Color (BIPOC), LGBTQIA+, military veteran, disabled - and/or from disadvantaged backgrounds, as defined by the National Institutes of Health.

Webinars & In-Person Trainings:

Digital Scholar webinars:

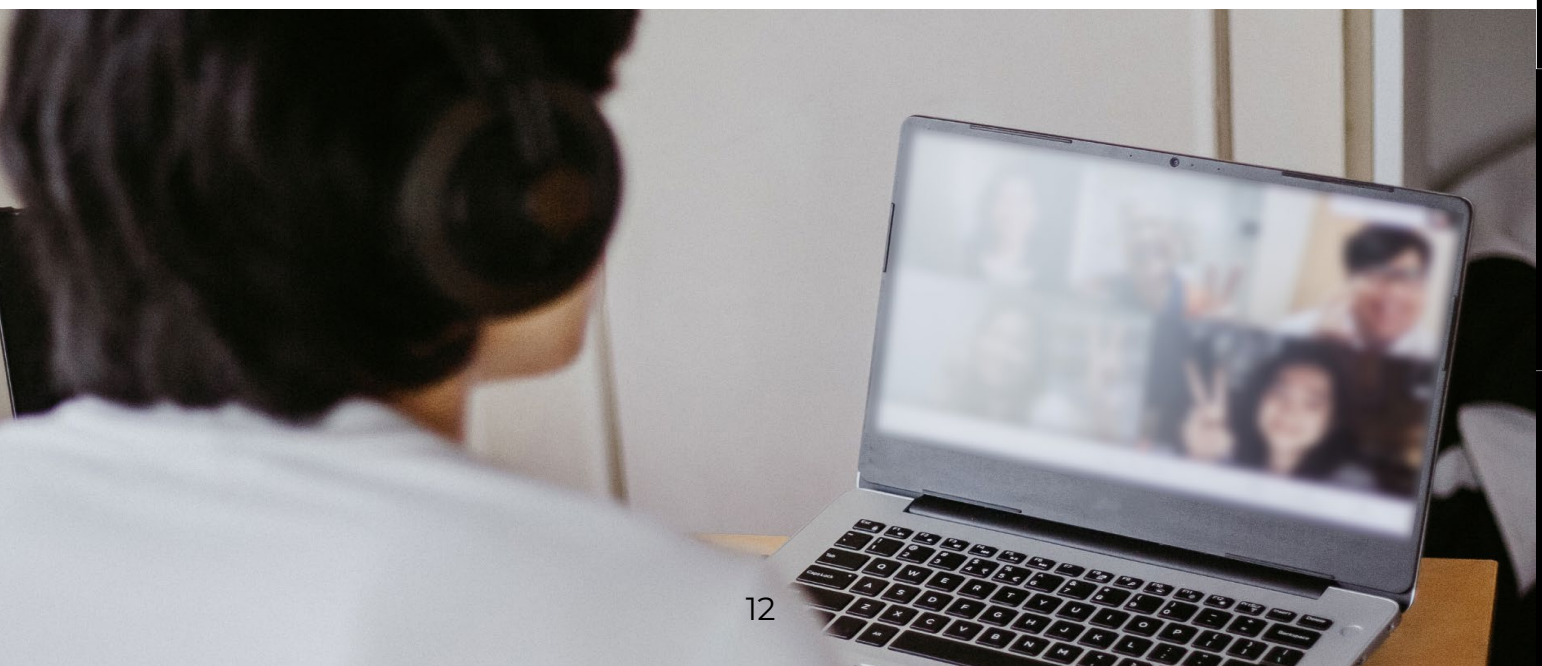
The use of digital practices and approaches can potentially increase the quality and efficiency of all phases of the traditional clinical translational research process. Monthly webinars introduce health researchers at USC, CHLA and beyond to the benefits and limitations of digital practices, approaches, and resources that address specific research needs.

Career Development Seminar series webinars:

These seminars, led by experts, are intended to develop core knowledge and skills to necessary in becoming productive researchers. A variety of topics are covered such as scientific communication, leadership, team science, career advancement, research tools, and regulatory science.

Research Ethics Forum webinars:

Ethics experts facilitate quarterly forums that focus on important issues or legal cases receiving media coverage to help researchers design and conduct ethical research studies. These forums bring together faculty, research staff, and students from various disciplines to share their perspective and highlight related ethical issues.



Regulatory Science symposia:

Consists of full day educational offerings where experts come to speak on current regulatory science topics regarding clinical trials
Designed to address the needs of clinical research team but anyone is welcome to attend.

REDCap workshop:

You will receive hands-on training from BERD statisticians that will enable you to use basic and intermediate features of REDCap to begin developing your database. This workshop occurs twice a year, once at CHLA and once at HSC. If you are initiating a new study, looking for a secure and comprehensive data collection and management tool, and/or seeking advice on structuring your database to better reflect your study design and research questions, then this workshop is for you.

Coursework:

Introduction to Clinical Translational Research Study Design:

This eight-week course is designed for residents, fellows, and junior faculty members as a practical introduction to clinical and translational research methods. This course provides a foundation in key components of clinical research design, facilitates the development of one's own research protocol in preparation for foundation grant applications, and improves the reporting quality of clinical and translational research studies.

Healthcare Delivery Science courses:

The course is a series of seven modules (about an hour in duration) designed to introduce researchers to the emerging field of Healthcare Delivery Science. Upon completing the course, participants will be eligible for the USC Safety Net Innovation Award. Researchers who are interested in submitting a Letter of Intent are strongly encouraged to complete all modules and incorporate Healthcare Delivery Science principles into their projects.

Clinical Trial Quality Training Series:

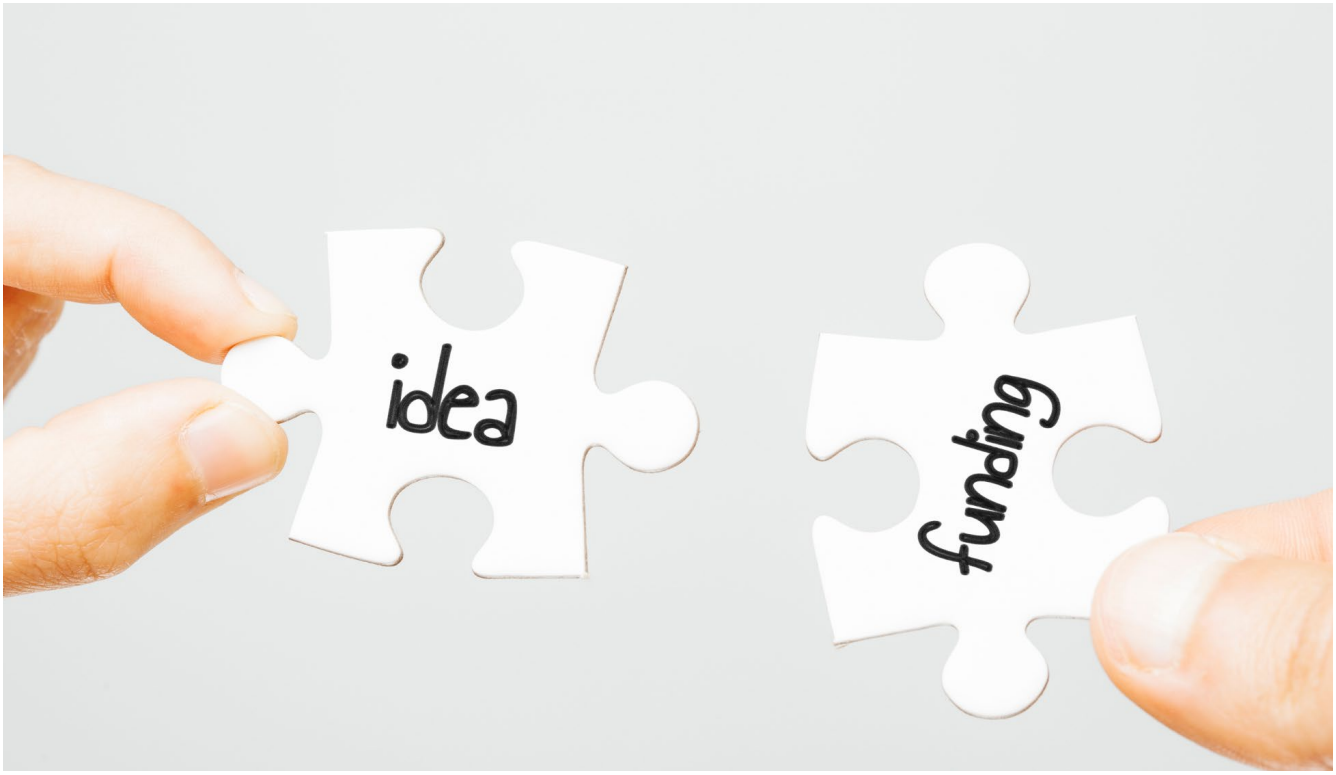
These three self-study modules allow you to learn and familiarize yourself with the concepts of monitoring and auditing of clinical research. These high-quality modules employ a multifaceted approach including educational videos, case studies, interactive quizzes, and provision of core regulatory document templates such as standard operating procedures and review checklists:

Module I: Monitoring of a Clinical Trial Site – Available
Module II: Auditing of a Clinical Research Site – Available
Module III: Site Readiness for an FDA Inspection – Coming Soon!

EMPACT research professional training program:

A collaboration with the Georgia CTSA, the EMPACT program is geared toward clinical research professionals at every stage of their professional development, including PIs. These courses and programs are created and vetted by experts in cross-disciplinary fields such as instructional design, technology, workforce development, regulatory science, and more.

Research Grants & Funding Opportunities



Pilot Grant Program:

Standard Pilot Grants of up to $50,000 each and
Multidisciplinary Pilot Grants of up to $125,000 each

The Standard Pilot Grants and the Multidisciplinary Pilot Grants broadly supports the development of new Clinical and Community-based research projects in either/both of two areas: (a) collection of initial data in the areas of clinical, community or health systems research to support extramural grant applications and/or (b) development and testing of new approaches and/or tools to increase the speed, efficiency, safety and/or quality of clinical, community, health outcomes and/or implementation research. Based on priorities of NIH for Clinical and Translational Research Awards, particular emphasis will be given to the latter category.

Team Building Voucher:

Grants of up to $10,000 each

This mechanism is intended to provide rapid funding for activities that promote the SC CTSI goal of assembling new multidisciplinary or transdisciplinary teams focused on clinical and community research, and that are grounded in the team science principles.

Safety Net Innovation Award in Healthcare Delivery Science:

Grants of up to $150,000 each

The Southern California Clinical and Translational Science Institute have partnered with the LA County Department of Health Services (LAC DHS) to develop and test interventions to enhance quality, patient-centeredness and outcomes of care provided at the LAC DHS. These partners are committed to fostering the professional development of clinician-investigators and translational scientists as they strive to close the knowledge-to-practice gap in our regional healthcare delivery systems.

This funding mechanism intends to support teams composed of a principal investigator who is an employed faculty member at USC, plus co-investigators at DHS and, where relevant, USC. Multisite collaboration (e.g., with other universities and health systems) is strongly encouraged.

Please cite us so that we can continue to provide high-quality services

Did you use SC CTSI services, funding, training and resources and/or did it lead to a publication?

All publications resulting from the utilization of any SC CTSI services (paid or free) are required to:

1. Upon submitting manuscript for publication, correctly acknowledge the SC CTSI grant: UL1TR001855; MCD-CTS Scholars cite KL2TR001854.

2. Upon acceptance for publication, deposit final peer-reviewed journal manuscript into the NIH Manuscript Submission System (NIHMS) by logging into NIHMS.

Complete approval of initial submission and final PMC-ready version in NIHMS to complete manuscript processing.

What is the NIH Public Access Policy?

- **Ensures that the public has access to the published results of NIH-funded research.**
- **Requires scientists to submit final peer-reviewed journal manuscripts that directly arise from NIH funds to PubMed Central (PMC)**

What are the benefits?

- **Results of NIH-funded research are more prominent, integrated, and accessible.**
- **PMC manuscripts are integrated with large data bases to accelerate scientific discovery.**

Need more assistance? Watch our training videos or review the NIHMS step-by-step tutorials.

Contact ei@sc-ctsi.org for more information!