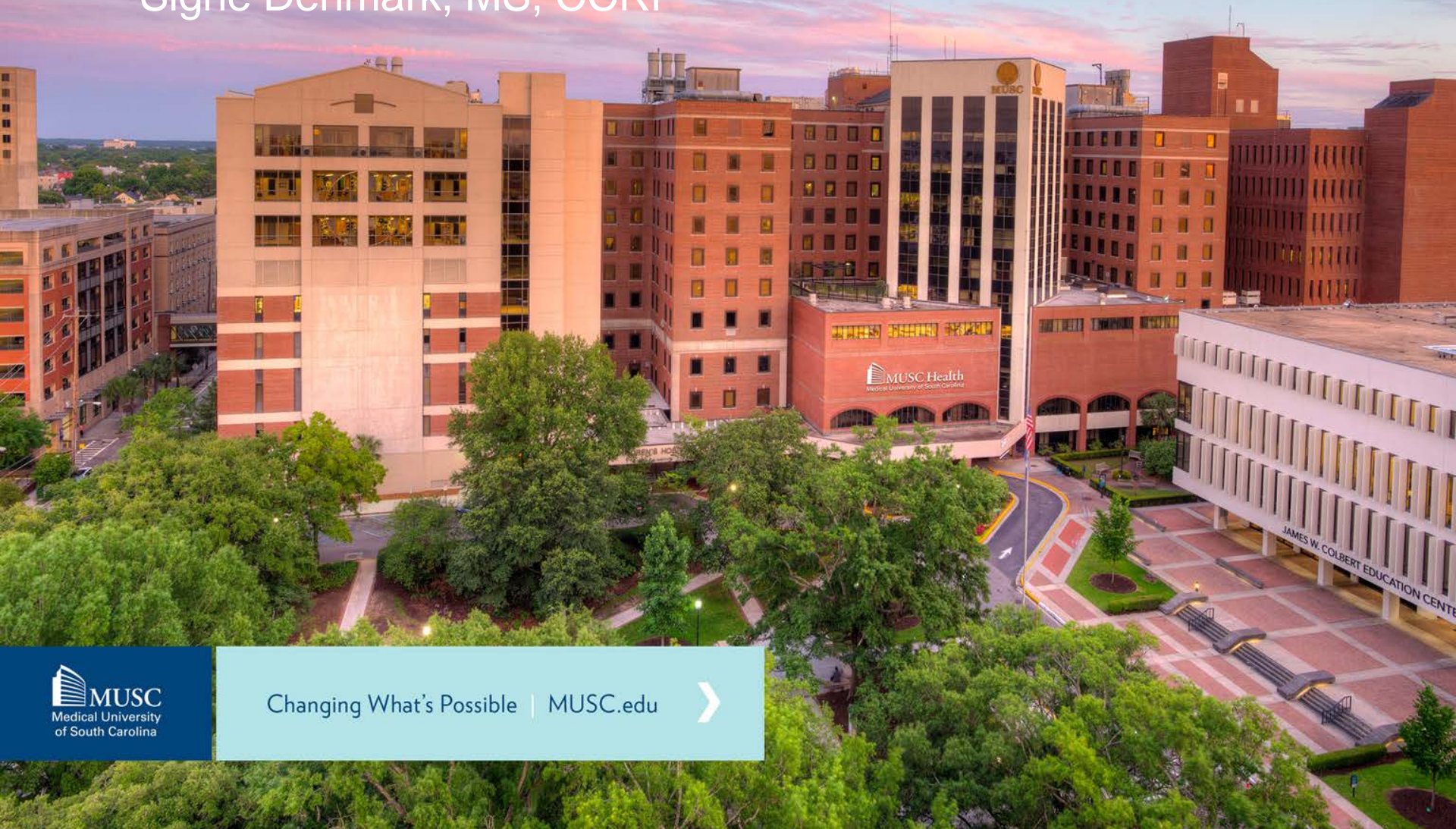


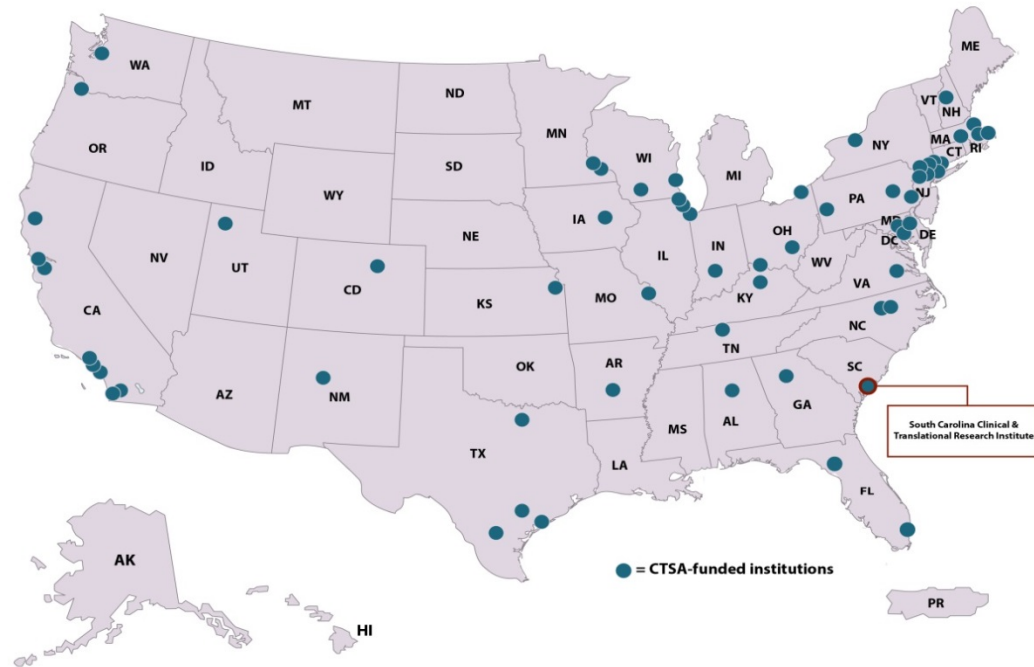
South Carolina Clinical & Translational Research Institute (SCTR)

Signe Denmark, MS, CCRP



MUSC's SCTR Institute, an NIH CTSA Hub

- MUSC is home of the South Carolina Clinical & Translational Research Institute (SCTR), a research infrastructure hub funded by the National Center for Advancing Translational Sciences (NCATS), part of the National Institutes of Health (NIH).
- NCATS funds MUSC's SCTR Institute, along with over 50 other medical research institutions, in 31 states and the District of Columbia, through its Clinical and Translational Science Award (CTSA) Program.
- CTSA Hubs work together to speed the translation of research discovery into improved patient care – essentially, to get more treatments to more patients more quickly. Hubs collaborate locally and regionally to catalyze innovation in training, research tools, processes, and research support.



* Image taken and modified from ctsacentral.org.

For more information on the CTSA Program, visit ctsacentral.org.

NIH Grant Number **UL1 TR001450**





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SCTR Scientific Retreat on Diabetes and Metabolic Disease Research

Friday, April 20, 2018 - MUSC Bioengineering Building Auditorium 110

*If you are interested in presenting, please submit an abstract and register by Friday, March 2, 2018
If you plan to attend the retreat (without submitting an abstract), please register by Friday, April 6, 2018.*

Featuring

Desmond A. Schatz, MD

Professor and Associate Chair of Pediatrics

Medical Director of the Diabetes Center

Director, Clinical and Translational Science Institute, University of Florida

Past President, American Diabetes Association, 2016

[Click to Register](#)

SOUTH CAROLINA CLINICAL & TRANSLATIONAL RESEARCH INSTITUTE

SCTR

MUSC's SCTR Institute, an NIH CTSA Program Hub

CATALYZING RESEARCH FROM DISCOVERY TO THE COMMUNITY.



South Carolina
Clinical & Translational
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Two March SCTR Lunch and Learns

Hollings Cancer Center Protocol Review Committee - New Policy Overview

March 6 - 12pm to 1pm

SCTR TL1 Predoctoral Program - RFA Q&A

March 21 - 1pm to 2pm

Bring your lunch and join the MUSC SCTR Institute for a highly informational and educational program on important topics!

All programs take place in MUSC Bioengineering Building Auditorium 112

SOUTH CAROLINA CLINICAL & TRANSLATIONAL RESEARCH INSTITUTE

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Core Clinical Research Training - Live Session

March 19 - 30, 2018

The course will prepare participants to coordinate clinical research, protect the rights and safety of human subjects, understand and implement a research protocol, achieve recruitment goals, contribute to the science of health care, manage regulatory files, and more!

[Register now by clicking here](#)

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Clinical & Translational
Research Institute

MUSC's SCTR Institute, an NIH CTSA Program Hub

CATALYZING RESEARCH FROM DISCOVERY TO THE COMMUNITY.



Research Transaction Management System



South Carolina
Clinical & Translational
Research Institute





SPARCRequest SPARCDashboard SPARCFulfillment SPARCCatalog SPARCReport

Login / Sign Up



STEP 1: Add/Update Services

About SPARCRequest

Browse Service Catalog

Medical University of South Carolina

South Carolina Clinical and Translational Research Institute (SCTR)

Center for Genomics Medicine

Media Training for Researchers

CEDAR: Comparative Effectiveness and Data Analytics Research Resource

Office of Clinical Research (OCR)

National Center of Neuromodulation for Rehabilitation (NC NM4R)

Cores & Facilities

Laboratory Services

Office of Research Integrity

Greenphire ClinCard

Study Team Assessments

Search by Service Name or CPT Code...

South Carolina Clinical and Translational Research Institute (SCTR)

The South Carolina Clinical and Translational Research Institute (SCTR) is the catalyst for changing the culture of biomedical research, facilitating sharing of resources and expertise, and streamlining research-related processes to bring about large-scale, change in the clinical and translational research efforts in South Carolina.

News

SPARC_IDS Pharmacy Workflow

February 20, 2018

Hospital Technical Services Quarterly Update

February 19, 2018

New! Hospital and Professional Service Linking!

January 19, 2018

Calendar

No events scheduled within a month from today.

My Services

Open

Completed

Biostatistics, Design, & Epidemiology (0001)

Study Design

Regulatory Services (0002)

Human Subjects Regulatory Consultation

Trial Innovation Network (TIN) (0003)

TIN Consultation

Continue

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MUSC.edu

Research Master ID (RMID)

1. Search for existing RMID records

Search for Research Master Records

Search by PI Name

Search by Short Title

Search by Long Title

☐ Show More

RMID	PI Name	Department	Long Title	Short Title	Funding
------	---------	------------	------------	-------------	---------

2. Create new RMID record

New field



New Research Master Record

PI Name

Department

Long Title

Short Title

Funding Source ☐ Internal ☒ External

Research Type ☐ Basic Science Research ☒ Clinical Research, Clinical Trial, Translational Research

☒ MAY use MUSC Health Services ☐ WILL NOT use MUSC Health Services

RMID website:
rmid.musc.edu

RMID information website:
horseshoe.musc.edu/research/rmid



SCTR Consultations

(Consultation costs fully supported by SCTR)



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[Science Development](#)



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[Biomedical Informatics](#)



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http://academicdepartments.musc.edu/sctr/research_consults/



SCTR SUCCESS Center

Free Consultations and Research Training



Research
Navigation
Research Toolkit



Regulatory &
Quality Assurance
MAP-R



Recruitment,
Retention, &
Special Populations
SCresearch.org



REDCap Consults



Grants, Contracts &
Budget Development
SPARCRequest



eIRB Statewide PM
RMID; Data Access;
Feasibility Consults





- A secure, web-based application designed exclusively to support data capture for research studies
- Intuitive interface for data entry (with data validation)
- Includes audit trails for tracking data manipulation
- Automated export procedures for seamless data downloads to common statistical packages
- Other features include branching logic, calculated fields data de-identification, and survey capabilities



Science & Program Consults

- Biostatistics & Research Design
- NIH Public Access Policy & Compliance
- Community Engagement & Cultural Competency
- Research Ethics
- Study Feasibility
- Novel Device & Technology Development
- Intellectual Property & Commercialization



SCTR Research Nexus



RESEARCH OPPORTUNITIES

Pairing newly funded clinical research opportunities with MUSC Investigators...



RESEARCH CENTER

The SCTR Research Nexus Research Center provides space and support for a myriad of studies...



RESEARCH COORDINATION & MANAGEMENT

Providing a wide range of research coordination and management services...



CLINICAL NURSING & NUTRITION

Resources for the study of various diets and specific nutrients and specially trained nursing staff available...



RESEARCH LABORATORY

The laboratory includes nine benches of working space, a biological safety cabinet, two -20°C freezers & seven -80°C freezers...



PULMONARY FUNCTION TESTING

Equipped with a Hologic Discovery and Carefusion Vmax 22/62 Pulmonary Function Testing Station....



SCTR Funding Opportunities



Pilot Projects



Vouchers



K12 COM Clinician Scientist
Scholars Program



Community Engaged Scholars
Program



KL2 (K12) Multidisciplinary Scholars
Program



TL1 (T32) Predoctoral Research
Training Program



Early Career Investigator Training Programs

Multidisciplinary Scholars Program – NIH KL2 (K12)

- Junior Faculty less than 10 years out of sub-specialty training
- 75% effort dedicated to research for 2 years (optional 3rd)
- US Citizen or permanent resident
- \$25,000 in research project and training funds
- Sample Benefits: K-to-R, Grant Writing Workshop, Individual Development Plan, Research Navigation, All SCTR consult services

College of Medicine Clinician Scientist Scholars (K12-type)

- 40% effort dedicated to research
- \$20,000 in research project funds (\$5K from COM, \$15K from Dept.)
- Same benefits as above



Pilot Projects

SCTR will facilitate new and innovative, interdisciplinary, high-impact translational research with emphasis on diseases demonstrating significant prevalence in South Carolina. SCTR supports applications across the translational spectrum - from basic science to population health - including patient-centered and community-engaged applications as well as applications from Early Career Investigators to shorten the time to research independence.

High Innovation-High Reward Pilots

(\$10K / 12 months)

Purpose: To support new and interdisciplinary pilot projects that propose substantial development of intellectual property and/or commercialization opportunities.

RFA

Apply

Applications can be submitted on a "rolling" basis and will be reviewed within 3-4 weeks.

When an application is submitted please notify Dayan Ranwala at the email address below.

Once an application is submitted, the applicant SHOULD notify Dayan Ranwala using the email address below.

Contact: Dayan Ranwala, PhD - ranwala@musc.edu



SCTR Discovery Grants

OVERVIEW:

SCTR's Pilot Project Program aims to facilitate new and innovative, high-impact translational research. The primary objectives of pilot funding are to support new and innovative, scientifically meritorious projects to collect critical preliminary data for submission of extramural grant applications and to publish research findings. We place a premium on interdisciplinary team science and new collaborations. Therefore if you are applying for this grant mechanism it is required to have an interdisciplinary team collaboration with at least one Co-Investigator/Collaborator from a different discipline.

AWARD AMOUNT: Up to \$25,000 in direct costs per 12-month period

RFA

KEY DATES:

Pre-application Submission (REQUIRED) **is closed now.**

Pre-applicants will be notified with the decisions on whether to submit full applications or not.

Full Application Due: by noon on Friday, (EST), September 29

*Once an application is submitted, you should see a copy of the application. At that time, you should correct any errors to submit/resubmit. Incomplete, late applications and/or applications not responsive to the RFA will not be accepted or reviewed. Once an application is properly submitted, inform the Program at ranwala@musc.edu. We will confirm whether your application has been received. However, we will not add/edit an application once submitted.

Contact: Dayan Ranwala, PhD, Associate Director for Pilot Project Program and Team Science Program at ranwala@musc.edu



Extramural Grant Review

- SCTR Internal Scientific Review of Extramural Grant Application- Limited to MUSC Faculty (NIH K-series, R-series, U-series, NSF applications)
- External Review of Extramural Grant Application Limited to MUSC Faculty; To engage an external expert to review an extramural grant application following SCTR internal approval (NIH R, K, or P-series, U-series, NSF applications)

Application Due Dates: Minimum 6 weeks before the extramural grant application due to MUSC ORSP



Office of Clinical Research (OCR)



Partnering

Ensuring research billing compliance

Supporting clinical research operational and financial performance



Office of Clinical Research (OCR)

- **All** studies involving human subjects must be submitted to the OCR
 - Studies with billable services will require Prospective Reimbursement Analysis (PRA)
 - Parallel processing – submit early via SPARCRequest
- Visit horseshoe.musc.edu/research/ocr for more information



SOUTH CAROLINA CLINICAL & TRANSLATIONAL RESEARCH INSTITUTE

SCTR : About SCTR

Cite the CTSA

All publications, presentations/posters, press releases and other documents that result from the utilization of any SCTR Institute resource (e.g., funding, consultations, Nexus services) are required to credit the CTSA grant and comply with [NIH Public Access Policy](#) (pubs available in PubMed Central)

UL1 TR001450

Cite, Submit & Share the Grant

Publications supported by SCTR must cite the NIH/NCATS CTSA grant number (UL1 TR001450) and must be made available in PubMed Central.



Keep in Touch!

- **SCTR Weekly eNews Listserv** (Calendar & Research Announcements)
- **Monthly Research Lunch-N-Learns**
 - **Hollings Cancer Center Protocol Review Committee - New Policy Overview: Tuesday, March 6, 2018 - 12:00pm to 1:00pm - Bioengineering 112**
 - **SCTR TL1 Predoctoral Program - RFA Q&A: Wednesday, March 21, 2018 - 1:00pm to 2:00pm - Bioengineering 112**
- **SCTR Website:** SCTR.musc.edu
- **Email:** success@muscd.edu
- **Call Us:** [843-792-8300](tel:843-792-8300)

