

# SCTR Extramural Grant Review Assistance Services and Funding Opportunities

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# ACRONYMS

- **NIH** – National Institute of Health
- **NCATS** – National Center for Advancing Translational Sciences
- **CTSA** – Clinical and Translational Science Awards
- **SCTR** – South Carolina Clinical & Translational Research Institute
- **SUCCESS Center** - Support Center for Clinical & Translational Science
- **SPARC Request** - Services, Pricing & Application for Research Centers

***NIH/NCATS SCTR Grant Number UL1 TR001450***



# CTSA Mission

Accelerating Discoveries Toward Better Health.  
Working together, we can help shape the future of healthcare.



# SCTR Extramural Grant Review Assistance Services

## Two Free Services:

1. SCTR Internal Scientific Review of Extramural Grant Application
2. External Review of Extramural Grant Application

## Objectives are:

- To provide help for the MUSC investigators who are submitting extramural grant applications
- To increase the quality of the extramural grant application submissions and success of getting them funded
- For NIH K, R, P, U – series and NSF applications

## More Information and how to apply:

<https://research.musc.edu/resources/sctr/funding-opportunities/pilot-projects>



# 1. SCTR Internal Scientific Review Assistance Service

- Internal SCTR/MUSC peer-review
- The application must be submitted to SCTR **at least 6 weeks prior to submit to ORSP**
- Applicant should submit:
  - An application as requested by the appropriate funding agency
  - Components as requested by the funding agency:
    - Project Description Page
    - Research Proposal and Literature Citations
    - Biosketches of all the team members
    - FOA/RFA
    - Potential date of submission to the funding agency
    - Summary Statement and Introduction if the application is a resubmission,
    - Required components for Early Stage Investigator (ESI) if the PI is ESI



# 1. SCTR Internal Scientific Review Assistance Service

- Once an application is submitted, the applicant SHOULD notify Dayan Ranwala to properly process it.
- Allow at least 2 weeks for the SCTR review.
- SCTR will provide 1-2 peer-review critiques and biostatistics comments
- If there are no major review critiques to be addressed, applicants will be informed to proceed with the application as appropriate.
- SCTR will pay the internal reviewer \$200.



## 2. SCTR External Review of Extramural Grant Application

- External (non-MUSC) Expert Review
- Submit to SCTR **at least 6 weeks prior to submit to ORSP**
- Should submit all the required components as mentioned before.
- **Applicants should identify potential external reviewers (2-3) as early as possible to ensure that one of the reviewers** is willing to review the application within a time frame of 2 weeks.
- Above step should be done by the applicant before the applicant submits the application to SCTR for review.
- **Once the external reviewer is confirmed**, the applicant should submit the confirmation, the external reviewer's contact information and biosketch with the application to SCTR.
- SCTR pays the external reviewer \$500 for the review.



## 2. SCTR External Review of Extramural Grant Application

- SCTR has to internally approve the application.
- Allow at least 2 weeks for the SCTR approval.
- SCTR approval will be 'yes or no' answer for the external review and may include brief constructive comments.
- If requested, applicants should address the SCTR's comments and send back the revised application to SCTR for re-review within a week.
- SCTR will convey the decision to the applicant within 1-2 business days.
- If SCTR approves for external review, applicants should send the final application to SCTR
- SCTR will send the application to an external reviewer.
- SCTR will get back to the applicant as soon as the critique is received.





# SCTR Resources & Free Consultations

## Available to Assist with Proposal Development

- Science consult and/or present at the Beverage for Better Science (B&BS) Club
- Biostatistics, Design and Epidemiology
- Grant Forms and Budget Services
- Regulatory Services
- Recruitment Services and Special Population Navigation
- REDCap
- NEXUS Research Coordination and Management
- Novel Device or Smart App Development
- Biomedical Informatics Center
- Self-service Research Data and Feasibility, Research Data Requests
- Comparative Effectiveness and Data Analytics Research Resource
- Tech Transfer, Intellectual Property and Commercialization
- A resource for finding collaborators: Palmetto Profiles  
<https://profiles.healthsciencessc.org/profiles/search/>

Request Consult at [sparc.musc.edu](http://sparc.musc.edu) or call SCTR at 843-792-8300 for more details.



# OTHER RESOURCES

## **Advancement, Recruitment, and Retention of Women in Science (ARROWS):**

- External grant review service to women scientists in the College of Medicine
- NIH and NSF Grant Application Writer's Workbook

<https://education.musc.edu/leadership/provost/reporting-units/arrow/programs/external-grant-review>

## **Office of Research Development (ORD):**

<https://research.musc.edu/resources/ord>

- Internal and External Funding Opportunities
- Library of Successfully Funded Proposal Library

## **Office of Research and Sponsored Programs (ORSP):**

- Request for eRA Commons User IDs
- Proposal Preparation Information (Codes, Numbers, F&A rates, Fringe rates, DUNS, Useful Forms & Tools etc.)

<https://research.musc.edu/resources/orsp>



# SCTR Pilot Project Program Funding

## Objective:

- To support new and innovative, scientifically meritorious projects
- Required to have an interdisciplinary team collaboration with at least one Co-Investigator from a different discipline.
- PI must have a primary faculty appointment at MUSC at the Assistant Professor level or above.
- Faculty from other academic institutions can be Co-Is.

<https://research.musc.edu/resources/sctr/funding-opportunities/pilot-projects>



# SCTR Pilot Project Program Expectations

- **Proof-of-concept studies** to move laboratory findings towards clinical applicability and/or dissemination of clinical findings to the community
- Generate **critical preliminary data** to support new investigator-initiated clinical & translational research
- Successful **extramural grant funding applications** to support and sustain the ongoing research
- Successful **publications** of research data and findings
- Development of potential **IP** and commercialization of technologies, if applicable



# SCTR Pilot Project Grant Categories and Other Grant Mechanisms

## Grant Categories:

- Discovery Grants
- High Innovation – High Rewards Grants
- Collaborative Project Grants
- Science of Team Science Grants
- Community Engaged Scholars Grants
- K Grants – K12 COM Clinician Scientist Scholars Program; KL2 (K12) Multidisciplinary Scholars Program

Other: SCTR Vouchers

<https://research.musc.edu/resources/sctr/funding-opportunities>



# Discovery Grants

- For any new and high-impact translational research from basic to clinical to community/population health
- Funds: Up to \$25,000 in direct costs for a 12-month period
- RFA: Fall, 2019
- Application Process:  
Pre-application submission is required.



# High Innovation - High Reward Grants

- To support interdisciplinary pilot projects that propose substantial development of intellectual property and/or commercialization opportunities.
- Funds: Up to \$10,000 in direct costs for a 12-month period
- RFA: [http://academicdepartments.musc.edu/sctr/programs/pilot\\_projects](http://academicdepartments.musc.edu/sctr/programs/pilot_projects)
- Applications are accepted on a rolling basis.
- Inform the Program once an application is submitted to process it properly.



# SCTR Science of Team Science Grants

- To generate pilot data on the value and impact of interprofessional and/or interdisciplinary team work collaborations
- ‘Why’ your team and ‘how’ you team will enhance the team work behaviors to have better outcomes
- For example: direct measures of team work behaviors on research productivity, patient outcomes, patient safety, cost-effectiveness of health care or research practice, and/or health professional educational, training and clinical care outcomes
- Funds: Up to \$15,000 in direct costs for a 12-month period
- RFA: Spring, 2019





# Community Engaged Scholars Program Grants

- An education and training initiative to support and enhance academic and community partners who have an interest in community-based participatory research.
- Applicants: Academic and Community Co-PIs in South Carolina
- RFA: Annually in Spring and Fall
- Contact: Michelle Nichols, RN, PhD., at [nicholmg@musc.edu](mailto:nicholmg@musc.edu)

<https://research.musc.edu/resources/sctr/programs/community-engagement/funding>



# College of Medicine Clinician Scientist K12 Program

- An institutionally - funded K12 Mentored Career Development Program
- To support the career development of scholars holding a research or health professional doctoral degree or its equivalent
- Goal of the program is to transition scholars from a mentored training program to an independent research career
- Program includes a supportive environment, start-up research funds and access to program faculty who will provide expertise and guidance in research design, evaluation, study coordination, data management, biostatistical analysis, publishing and presenting research, and grant writing.
- Junior faculty with an MD or DO degree who are committed to a career in clinical research
- Scholars must devote **40% full-time professional effort**
- Term: 2 years; \$ 20,000/year in research projects and training funds
  
- RFA: <https://research.musc.edu/resources/sctr/funding-opportunities/clinician-scientist-scholars>
- Application deadline: February 28, 2019
- Contact: Marc Chimowitz, MBChB, and Diana Lee-Chavarria at [leeachar@musc.edu](mailto:leeachar@musc.edu)



# SCTR KL2 Program

To foster the discipline of clinical research and increase clinical research capacity through the training of junior faculty, bridging clinical and translational research training with research independence.

- Provide mentored, protected research experiences to enhance the development and retention of early career investigators.
- Includes the option to pursue a master's degree in clinical or translational science, a supportive environment, start-up research funds, and access to program faculty who will provide expertise and guidance in research design, measurement and questionnaire design, study coordination, data management, biostatistical analysis, publishing and presenting research, and grant writing.
- Junior faculty and senior fellows pending faculty appointment with doctoral-level (clinical or non-clinical) professional degrees (i.e. MD, DrPH, PharmD, PhD, ScD)
- Scholars must devote minimum **75% full-time effort**
- Term: 2 years; \$25,000/year in Research Project and Training Funds
- RFA: <https://research.musc.edu/resources/sctr/funding-opportunities/multidisciplinary-scholars>
- Application deadline: February 28, 2019
- Contact: Marc Chimowitz, MBChB, and Diana Lee-Chavarria at [leechar@musc.edu](mailto:leechar@musc.edu)



# Doris Duke Program to Enhance the Retention of Clinicians (PERK)

- Aim to improve the retention and advancement of junior-level physician scientists who face special challenges of balancing their professional work with caregiving responsibilities.
- To provide supplemental funding to support the ongoing clinical research efforts of eligible faculty
- MD or DO
- Faculty with full-time tenure-track appointments at the Instructor or Assistant Professor level
- Candidate must be conducting a clinical research project and have research support as PI on a mentored career development grant, research project grant, or other equivalent research grant awards from a federal or non-federal source
- Candidate must demonstrate compelling need for this supplemental research support as it relates to significant extraprofessional caregiving responsibilities.
- Up to \$44,000 for a period of up to one year
  
- No active RFA
- Contact: Marc Chimowitz, MBChB, and Diana Lee-Chavarria at [leeachar@musc.edu](mailto:leeachar@musc.edu)



## SCTR Vouchers

- An ongoing funding opportunity open to all MUSC PIs with a faculty appointment.
- To enable investigators to gather preliminary data for inclusion in a grant proposal, support research protocol, improve the science or safety of their research projects, or develop a translational focus to their research.
- For research services and supplies including hourly research coordinator rates for SCTR's Research Coordination and Management, MUHA laboratory services, clinical procedures, pregnancy testing supplies, core facilities, or off campus labs
- Up to \$1000; one voucher per year
- Apply at <https://sparc.musc.edu/>

[http://academicdepartments.musc.edu/sctr/funding\\_opportunities/vouchers](http://academicdepartments.musc.edu/sctr/funding_opportunities/vouchers)

**Contact:** SUCCESS Center at [success@musc.edu](mailto:success@musc.edu); 843-792-8300



# Acknowledge the SCTR Grant Number

- As per the NIH/NCATS requirements, if you have received any SCTR services, support and/or funding you are required to acknowledge the SCTR grant number.
- Please remember to acknowledge the *SCTR Grant Number*  
***UL1 TR001450***

