



Resources for Junior Faculty in COM

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Associate Dean of Faculty
Development, COM
Director CTSA KL2 Program

What is Needed for Success as a Translational Researcher?

- Protected Time
- Mentorship
- Start-up Funds
- Collaboration / Networking
- Access to Core Facilities
- Statistical Expertise
- Study Design Consultation
- Biological Specimens
- Regulatory Help
- Recruitment Help
- Coordinator Time
- Advanced Research Training
- Career Development Support – Institutional K Awards
- Research Review and Feedback
- Grant and Manuscript Writing

Do You Have a Mentor?



Changing What's Possible.

Progress with Departmental Mentoring Plans

- Each Dept. in COM has a Plan
- Plans Available on COM – Associate Dean Website

http://academicdepartments.musc.edu/com/faculty/dept_mentoring.htm

Faculty Affairs

Academy of Medical Educators



AHEC



AnMed Health Faculty

APT

Associate Deans

Educator Resources

Faculty Council

Faculty Senate

Mentoring

Orientation

Researcher Resources

Roundtables

Mentoring Plans

Mentoring is an important resource for faculty at every stage of their careers. Each department has developed a mentoring plan and identified a mentoring champion(s) who will work at the department chair's direction to implement the mentoring plan. Faculty should review their department's plan and consult with the appropriate mentoring champion as needed. Faculty Development associate deans are also available to discuss mentoring.

[Anesthesia and Perioperative Medicine \(PDF\)](#)

Contact: [Latha Hebbar, M.B.B.S.](#)

[Biochemistry and Molecular Biology \(PDF\)](#)

Contact: [Besim Ogretmen, Ph.D.](#)

[Cell and Molecular Pharmacology and Experimental Therapeutics \(PDF\)](#)

Contact: [Richard Drake, Ph.D.](#)

[Dermatology \(PDF\)](#)

Contact: [John Maize, Sr. M.D.](#)

[Family Medicine \(DOC\)](#)

Contact: [Alexander Chessman, M.D.](#)

SCTR Annual Mentor Training Symposium

- Began in 2010
- Half day – Open to all faculty
- Keynote Address
- Different focus each year:
 - 2020: Mentoring in the Age of Digital Technology
 - 2019: Improving Scholarly Writing Skills
 - 2018: Coaching as a Supplement to Mentoring
 - 2017: Professional Communication Skills
- Oct 29, 2021: Mentoring To Support Better Grant Applications

Tools for Mentors & Mentees Series

Topic	Speakers
NIH Reporter	Joann Sullivan
Using Palmetto Profiles to Find Collaborators and Mentors and Using EPIC for Research	Jihad Obeid
How to Use an Individual Development Plan to Enhance Career Development	Gerard Silvestri
Mentoring Tips from Dr. Dennis Watson, 2015 Peggy Schachte Research Mentor Awardee	Denis Watson
Budget Tips for Preparing NIH grants (pre-award, administrator perspective)	Debra Siler
Scholarship in Clinical Education Track	Eric Rovner
Practical Application Workshop: Professional Networking ?	Elaine Krug

** Previous topics and recordings can be found on the SCTR website under "Education & Training".

Changing What's Possible.

Institutional K Awards

- BIRCWH –research careers in women’s health
- CTSA KL2 –translational research training
- COM K12 –clinical to translational research
- NIDA K-12 – clinician scientists in substance abuse
- HCC K-12 – career development for clinical & translational oncology program

Institutional K Awards

- Common elements
 - 40-75% minimum time for research
 - Research/travel budget
 - 2-3 years funding (accelerated trajectory)
 - RCR
 - Orientation
 - K to R club (4th Tuesday of each month at 5pm in BEB 201)
 - Grant writing course
 - Mock study sections
- Program-specific elements

- **SUCCESS Center**
- **Research Nexus**
- **Biomedical Informatics**
- **Community Engagement**
- **Biostatistics**
- **Education & Training**
- **Pilot Projects**
- **Retreats**
- **Science & Commercialization**
- **Evaluation**
- **Ethics**



SCTR : Programs : SUCCESS Center

SUCCESS Center

The "Front Door" of the SCTR Institute

The Support Center for Clinical & Translational Science (SUCCESS) is the universally accessible, consolidated entry point for SCTR and other institutional research services, cores, and programs. SUCCESS support spans the entire research spectrum, from inception of ideas through technology transfer and dissemination of best practice models. Support services include: guidance, training, and resources for investigators and study teams at any point in the research process.



The SUCCESS Center is available to help you answer any research question or help you locate the best resource available.

Research Navigation

Research Navigation is the process of leading researchers and staff through the complex areas of research at the Medical University of South Carolina. This is accomplished by using experienced research professionals with regard to conducting research with Good Clinical Practices in mind. The types of services offered include the following examples: collaborator matching consultations; individualized research policies and procedures consultations; linkages to institutional and/or off site research services; assistance with research process questions; and guidance on study site organization.

For a more detailed breakdown of MUSC research resources across the translational spectrum, visit the [Research Toolkit](#).

Regulatory

Individualized training and consultation for regulatory submissions and documentation. Types of services offered include the following examples: guidance on the [clinicaltrials.gov](#) registration process; information on and assistance with obtaining federal certificates of confidentiality (CoC); feedback on human subject components of trials; assistance with Institutional Animal Care & Use Committee (IACUC)/Institutional BioSafety Committee (IBC)/Institutional Review Board (IRB) applications and submissions; consultations on Investigational New Drug (IND) applications and Investigational Device Exemption governances; information on running multi-site research studies; consultations on general regulatory considerations; instruction on appropriate regulatory documentation; guidance with responding to IRB comments; assistance with the study initiation process; pre-audit preparation; and regulatory training sessions (e.g. consent training).

Recruitment

Based on your needs and target population, you will be matched with the appropriate person (or team of

Pilot Projects

Program Overview

1. Support the conduct of scientifically meritorious, new and innovative pilot projects through a competitive cross-SCTR grant program with open solicitation, peer review and funding in grant categories such as Discovery, Early Career Investigator, Novel Methodology and Technology
2. Facilitate collaboration across traditional disciplinary and institutional lines by sponsoring thematic-based retreats for basic, clinical and population scientists, and community practitioners at all levels of career development.
3. Provide high quality consultation services for study conceptualization, project design and proposal improvement (STAR Consultation).
4. Facilitate the establishment of new cores that emanate from a critical mass of successful novel methodology and translational technology pilot projects.

SCTR RFAs

Fast - Forward Seed Grant Pilots

- * Must accumulate critical preliminary data within 6 months.
- * Awards up to \$5K – must include a 1:1 match (total budget \$10K)
- * Full Apps Due: by noon on Oct 19, 2012, Jan 18 & Mar 15, 2013

[RFA](#) [Apply](#)

NOTE:

Discovery pre-apps decisions will be made by Dec 21.
The selected applicants will be notified to submit the full apps by noon on Jan18th.

SCTR Scientific Retreats:

- **Fall 2011** - Biomedical Imaging
- **Spring 2011** - Regeneration, Recovery, Rehabilitation, and Return of Function in Persons with Neurological Disease/Injury
- **Fall 2010** - Telemedicine
- **Spring 2010** - Bioengineering and Regenerative Medicine

SCTR Programs

- SUCCESS Center
- Biomedical Informatics
- Biostatistics, Epidemiology & Research Design
- Clinical & Translational Research Center (CTRC)
- Clinical Research Ethics
- Community Engagement
- Evaluation & Tracking
- Novel Methodologies
- Pilot Projects
- Regulatory Knowledge & Support
- Training, Edu & Career Dev
- Translational Technologies

Contacts

Program Director:
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Associate Program
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Dayan Ranwala, PhD
843-792-1498
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SCTR Voucher Program

SCTR Voucher Highlights **All highlighted Investigators have received SCTR voucher funds and agreed to be featured.

Congratulations to the 3 Investigator who in the last six months reported successfully obtaining external funding!

- Katherine Sterba, PhD for her award through the America Cancer Society
- Gary Gilkeson, M.D. for his award through the NIAMS

Congratulations to the 4 Investigators who in the last six months have had publications or presentations!

- Gary Gilkeson, M.D.

Congratulations to the 4 Investigators who in the last six months have had new findings in their research!

- Julia Felton, PhD
- Gary Gilkeson, M.D.

SCTR Voucher Program Facts

- 300 Vouchers have been Awarded
- Total Amount Awarded = \$281,049.02
- 163 Unique Investigators
- 52 Active Vouchers to Date
- Return on Investment to Date = \$5,974,623.00

SCTR Voucher Tools

- [Requesting a Voucher: A User Guide](#)
A step-by-step guide to walk you through the online SPARC request for a SCTR Voucher.
- [Required Voucher Information](#)
A document that is a required upload in the online SPARC system. All requests must have this information for voucher processing.
- [Voucher Program Information](#)
This webpage gives specific information regarding the Who, What, When, Where, How and Follow-Up of the voucher process.
- [FAQ's](#)
This webpage shows questions and answers regarding the Voucher Program.
- [SCTR Voucher Flyer](#)
Printable PDF of voucher process.

How to Request a SCTR Voucher

To request a SCTR voucher, please visit the following link: sparc.musc.edu

**Please be aware that in order to complete your voucher application, you will be required to complete and upload the "Required Voucher Information" document into your SPARC request (step 3).

For additional information view [Requesting a Voucher: A User Guide](#)

SCTR Programs

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- Pilot Projects
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- Translational Technologies

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P² | Palmetto Profiles

Bringing Great Minds Together for Medical Breakthroughs

About Palmetto Profiles:

[Palmetto Profiles](#) enables the discovery of research expertise within the [Health Sciences South Carolina \(HSSC\)](#) consortium and at its member institutions including the Medical University of South Carolina (MUSC), Clemson University, Greenville Hospital System University Medical Center (GHS), Palmetto Health, and Spartanburg Regional Healthcare System.

This tool allows for new ways to network and collaborate between researchers, between mentors and mentees, between the research community and industry partners, and much more. MUSC has been chosen to pilot this new product and will be the first of the institutions listed to access the system.



How can I use Palmetto Profiles?

[Palmetto Profiles](#) allows you to find new research connections by searching:

- **Keywords**
- **Names**
- **Institutions**
- **Departments**
- **Faculty Types**

"Profiles" of researchers who match your search criteria are displayed for your review. [Click here](#) for more information on how to use Palmetto Profiles, or view our [Frequently Asked Questions](#).

If your name does not appear in [Palmetto Profiles](#), or if you have questions about [Palmetto Profiles](#), please contact the SCTR SUCCESS Center at 843-792-8300 or success@musc.edu.

[Go to Palmetto Profiles](#) 

Changing What's Possible.



- SCTR Design, Biostatistics & Epidemiology Consultations

- Data Coordination Unit

State Office of Research & Statistics

Cancer Biostatistics

- Clinical Core (C-COHR) - Center for Oral Health Research

BIOSTATS & EPI

- **SCTR DESIGN, BIostatISTICS & EPIDEMIOLOGY CONSULTATIONS**

Director:

Dr. Paul Nietert

Contact Information:

nietertpj@musc.edu
843-878-1204

Location:

MUSC - 135 Cannon Street

Website:

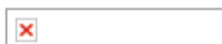
<https://sctr.musc.edu/index.php/programs/biostats>

Description:

This facility promotes sound principles of biostatistical and epidemiological design and analysis for biomedical/health sciences investigations, through commitment to education, excellence in scholarship and dedication to practice.

Accessibility:

Consultations and services are available to anyone. Request Services through the SCTR Institute SUCCESS Center.



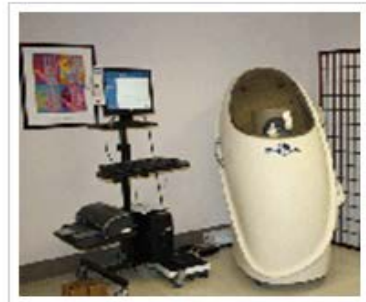
credit the CTSA grant.

All publications/projects utilizing SCTR Institute services are required to

The Grant Citation Language is: "This publication [or project] was supported by the South Carolina Clinical & Translational Research (SCTR) Institute, with an academic home at the Medical University of South Carolina, NIH/NCRR Grant number UL1 RR029882."

Clinical & Translational Research Center (CTRC)

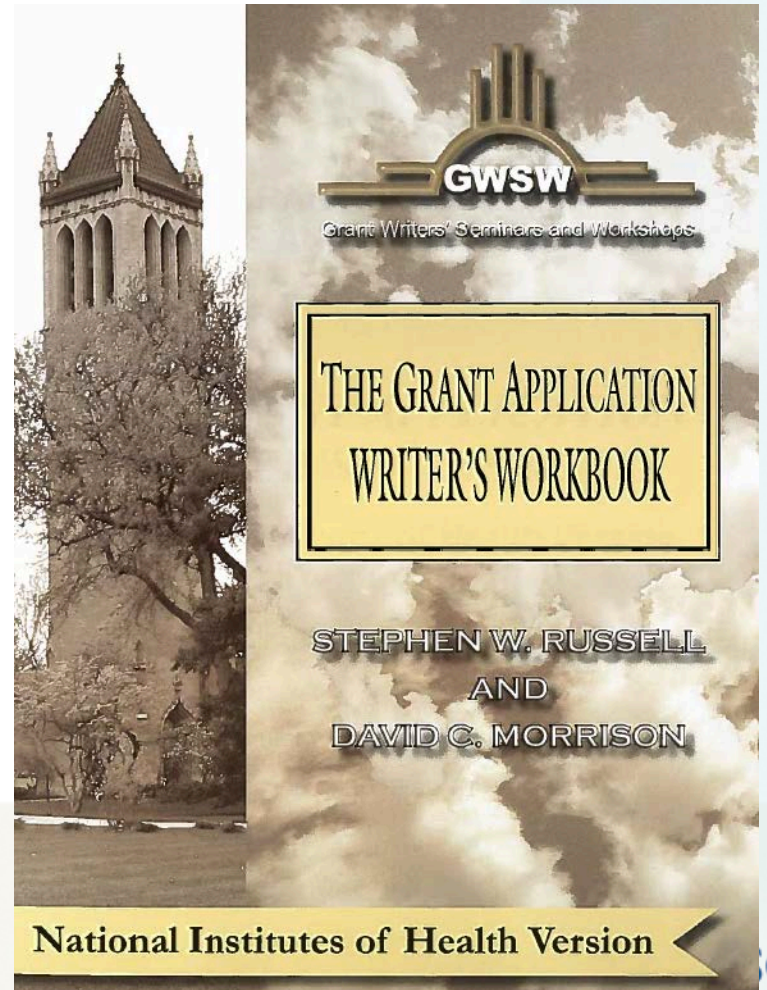
- Support clinical and translational research projects
- Specialized staff available
- Access to core laboratory, fully-equipped outpatient clinic, dental suite, and imaging suite



GRANT WRITING COURSE

- Monday's Sept – Nov;
1:00–2:30pm
- Faculty: Brady,
Chimowitz, Back, McGinty
- Will follow text for first 4
weeks
 - Scholars to review material
 - Faculty facilitator
- Weeks 5-9 review
individual timelines,
specific aims

Changing What's Possible.



GRANT WRITING COURSE

- WEEK 1 – SEPT 14th
 - Picking a great idea
 - Creating your timeline
 - Conceptual overview & outline
- WEEK 2 – SEPT 21st
 - Training plans & career goals
 - Expected outcomes/Potential pitfalls
 - Summary
- WEEK 3 – SEPT 28th
 - Specific Aims
 - Significance & Innovation
- WEEK 4 – SEPT 29th
 - Literature Review
 - Prelim Studies
 - Research Design
- WEEKS 5-8 – OCT 12th- NOV 2nd
 - Review of Individual abstracts and timelines
- WEEKS 9 – NOV 9th
 - Updated biosketch format
- Participants:
 - Angela Moreland
 - Bryan Heckman
 - Gregory Sahlem
 - Jessica Thaxton
 - Colleen Halliday-Boykins
 - Open attendance

Master of Science in Clinical Research Program (MSCR)

- Teach core competency in clinical research methods
- Foster development of a sustainable research focus
- Provide participant with the skills to compete for extramural support

MSCR Program Specifics:

- Part time – 2 years, Full time – 1 year
- Course examples include ethics, epidemiology, biostatistics, design and conduct of clinical trials
- Required item: development of a grant proposal with the goal of being ready for submission by the end of the MSCR program

Society of Clinical Research and Translational Early Scientists (SOCRATES)

- Faculty Present Research Projects in Front of Peers, Senior Researchers, Statisticians (1st and 3rd Wednesday of each month at 5pm in BEB 201)
- Opportunity to Foster Collaboration Across Multiple Subspecialties at MUSC
- Listserv: Research Updates (e.g., grant announcements, courses, lectures)

contact: Denise Helton heltoncr@musc.edu

ARROWS

Advancement, Recruitment
and Retention of Women in Science

ADVANCEMENT, RECRUITMENT, AND RETENTION OF WOMEN IN SCIENCE (ARROWS)



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FACULTY**

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Changing What's Possible.

ADVANCEMENT, RECRUITMENT, AND RETENTION OF WOMEN IN SCIENCE (ARROWS)

Women Scholars Initiative : Arrows

Contact Us

[Carol Feghali-Bostwick, Ph.D.](#)

Director, Center for ARROWS

Principal Investigator, NSF ADVANCE PAID Award

[Tamara Nowling, Ph.D.](#)

Co-Principal Investigator, NSF ADVANCE PAID Award

[Rosalie Crouch, Ph.D.](#)

Co-Principal Investigator, NSF ADVANCE PAID Award

[Megan McDonough, BA](#)

Program Coordinator, Center for ARROWS

Changing What's Possible.

Office of Research Development (ORD)

- ORD Alerts
 - Research news and funding opportunities
- Grant Writing Help
 - OSEP provides grant writing skills (Success Center)
- Grant Administrative Support
 - ORSP & OGCA provide fundamental support

The Writing Center

- Publications
- Grant writing
- Drop-in help in Library



Library Services

- Good Citations!
- PASCAL Delivers
- Ask a Librarian
- Reference Services
- Document Delivery
- Classes on PubMed, Ovid MEDLINE, EndNote, Mobile Devices





Other Resources Including Those For Faculty on Educational Tracks

Teaching Opportunities in Undergraduate Medical Education


- Classroom Teaching
- Small Group Preceptors
- Mentoring Flex Projects
- Evidence-based Medicine
- Physical Diagnosis (bedside or simulated-based teaching)
- Procedures/Clinical Skills
- Communication/Interviewing Skills

Teaching Skills

- Center for Academic Excellence/Writing Center
- Apple Tree Society
 - Brown Bag Sessions
 - Series for Faculty New to Teaching
 - Resources



Series for Faculty New to Teaching



Getting Ready to Teach
Instructional Design
Teaching Methods
Assessing Student Learning
Your Professional Development
as an Educator

MUSC
COLLEGE OF MEDICINE
ACADEMY OF MEDICAL EDUCATORS



MUSC COM WEBSITE: <https://medicine.musc.edu>

AME link is under Faculty Affairs menu

AME Faculty Development Activities

- Seminars
- Roundtables
- Workshops
- Development of Teaching Portfolio

It's Easy to Join

Detailed information is posted on the AME Website:

<https://medicine.musc.edu/faculty-affairs/academy-of-medical-educators>

- Recent and Upcoming Events (we take requests!)
- Links to Recordings and PPTs
- Current Members
- Materials for Education Portfolio

Teaching Portfolio

- Teaching Experience & Responsibilities
- Philosophy & Goals
- Teaching Methods & Strategies
- Professional Development
- Goals & Future Plans



Presentation Support

- Apple Tree Sessions
- Presentation Practice Rooms
- Writing Center
- Additional Resources



More Networking Opportunities

- Faculty Senate
- Interprofessional Institute
- Women Scholars Initiative
- Apple Tree
- Faculty Directory

