

RESEARCH NEXUS

Our Mission: Strengthening the discipline of clinical and translational science by facilitating patient-oriented research in a cost-effective manner.



Fee-based Services

- Nursing, Nutrition, & Pulmonary Function Testing
- Space & Support
- Research Coordination & Management
- Laboratory

Studies Supported

- Investigator-Initiated
- Industry-Initiated
- Federal, Foundation, & Corporate Sponsored
- Pilot Studies

The South Carolina Clinical & Translational Research (SCTR) Institute's Research Nexus is a specialized, JCAHO-accredited clinical unit that facilitates patient-oriented research. It provides critical resources enabling medical scientists to advance the understanding of human diseases and study therapeutic interventions. The Research Nexus - a 7,000 sq ft facility on the 2nd floor of MUSC's Clinical Sciences Building - houses 6 examination rooms, 6 procedure rooms, 3-chair infusion suite, and a pulmonary function testing suite.

The Research Nexus uses "mobile nursing" to provide research related services in areas best suited to the needs of the study.

Clinical Nursing Services

Studies can be conducted onsite or specially trained personnel are dispatched to the bedside of acutely ill patients throughout the MUSC campus. Chemotherapy & Biotherapy certified research nurses and support staff:

- Conduct protocols
- Secure specimens
- Administer medications
- Gather critical data

3400

Annual Patient Visits

95

AVG Studies Served Monthly

25

Departments Served

Visit [SPARCRequest](#) to request services

research.musc.edu



South Carolina
Clinical & Translational
Research Institute

RESEARCH NEXUS LABORATORY

Technical support for SCTR-approved clinical research investigators
Open Monday through Friday, 7:30am - 7:00pm

Available Services

- Investigator consultation
- Sample processing, banking, and shipping
- Immunoassays
- Nucleic acid extraction
- Custom service development as requested by investigators

Nexus lab Resources:

- eight benches of working space
- six -80°C freezers
- six refrigerated centrifuges
- two biological safety cabinets
- two liquid nitrogen freezers
- one fume hood



Newly renovated,
secure, limited access
site accessible only to
authorized personnel.



COVID-19 Biorepository

MUSC established a COVID-19 biorepository that includes samples from patients known to be COVID-19 positive and negative. The samples include DNA/RNA, serum, plasma, PBMCs, as well as longitudinal samples from convalescent patients. Learn more on the [Biorepository web page](#).

**Clinical Sciences Building,
Rooms 216, 216B and 217
96 Jonathan Lucas Street
Charleston, SC 29425**

RESEARCH COORDINATION AND MANAGEMENT (RCM)

The RCM staff includes experienced, trained, and VA-credentialed personnel, as well as licensed nurse research coordinators. Project management services are available for investigators seeking assistance with the management of multi-site trials or day-to-day oversight of research programs.

RCM Services

- Study management and coordination
- Project management
- Regulatory management
- Data management
- Recruitment
- Invoicing and billing
- Quality assurance reviews
- Study assessments (semi-structured interviews, psychometric testing)
- Social-behavioral interventions
- Inpatient, outpatient, and outlying clinics (VA)
- Support for MUSC researchers for full, partial, or VA-funded studies

189

Unique Investigators

80

AVG Studies
Supported

27

Departments Served

Request Services

Visit [SPARCRequest](#) to browse free and fee-based research services, request services and/or quickly obtain pricing as applicable.