Office of Research Core Administration

UVA OFFICE OF RESEARCH CORE FACILITIES

For more information, email
UVA School of Medicine Director
of Research Infrastructure
Dr. Jay W. Fox at **jw8fx@virginia.edu**
or visit **med.virginia.edu/core-facilities**.

SHARED RESOURCE CORES

UVA Core Facilities

The University of Virginia School of Medicine Office of Research Core Administration (ORCA) *offers more than 17 shared resource facilities focused on providing outstanding support for UVA faculty, post-docs, students and technicians. Our staff are dedicated to collaborating with investigators to provide the best possible support of their projects while ensuring research integrity and reliability. The primary capability in our cores, of which we are particularly proud, is the expertise available in key subject areas related to the cores to help with the design, execution and analysis of complex experiments. Furthermore, our cores have a broad array of ever evolving instrumentation to support investigators either using core staff or by training investigators' staffs to utilize the instruments themselves. Most of the cores offer formal training sessions on experimental design, instrument operation and data analyses and welcome integrated, directed training of individual students and post-docs who have specific interests in the technologies.*

All of our cores reflect and address the research needs of our community and are aligned with the strategic research goals of the School of Medicine. The structure and service offerings of the cores are constantly changing, reflecting the ever changing direction of biomedical research and the technological advances seen in new instrumentation coming to the market.

The School of Medicine Shared Resources belong to several consortia of cores which enhance our offering of technologies and expertise to our investigators. These include the Virginia Research Resource Consortium and the Mid-Atlantic Cancer Center Research Consortium. Belonging to these groups provides critical backup and support for each other member's cores in times of extreme use or instrument failure.

For further information regarding our cores please contact the School of Medicine Director of Research Infrastructure, Dr. Jay W. Fox at ***jwf8x@virginia.edu*** *or visit the Office of Research Core Administration website* ***med.virginia.edu/core-facilities.***

ADVANCED MICROSCOPY FACILITY
SIJIE HAO, PhD | PFA2XB@VIRGINIA.EDU
OLD MEDICAL SCHOOL 4806 | 434.924.2524
med.virginia.edu/advanced-microscopy-facility

BIOINFORMATICS CORE
PANKAJ KUMAR, PhD | PK7Z@VIRGINIA.EDU
PINN HALL 1312 | 434.982.2820
med.virginia.edu/bioinformatics-core

BIOMOLECULAR ANALYSIS FACILITY
NICHOLAS SHERMAN, PhD | NES3F@VIRGINIA.EDU
PINN HALL 1034 | 434.924.0070
med.virginia.edu/biomolecular-analysis-facility

BIOMOLECULAR NUCLEAR MAGNETIC RESONANCE FACILITY
JEFF ELLENA, PhD | JFE@VIRGINIA.EDU
UVA CHEMISTRY BUILDING | 434.924.3163
med.virginia.edu/biomolecular-magnetic-resonance-facility

Enhancing Research, Rigor and Reliability

BIOREPOSITORY AND TISSUE RESEARCH FACILITY
PAT PRAMOONJAGO, PhD | PP6F@VIRGINIA.EDU
MR6 G710A | 434.982.0487
med.virginia.edu/biorepository-and-tissue-research-facility

CENTER FOR HUMAN THERAPEUTICS
ARCHANA THAKUR PhD | AT2FX@VIRGINIA.EDU WEST COMPLEX 7191 | 434.243.1397
med.virginia.edu/center-for-human-therapeutics-cgmp-facility/

EXERCISE PHYSIOLOGY CORE LABORATORY
LISA FARR, MEd | LMS5A@VIRGINIA.EDU BARRINGER 2406 | 434.982.3565
med.virginia.edu/exercise-physiology-core-laboratory

FLOW CYTOMETRY CORE FACILITY
MICHAEL SOLGA, MS | MDS4Z@VIRGINIA.EDU
PINN HALL 2011 | 434.924.0274
med.virginia.edu/flow-cytometry-facility

GENOME ANALYSIS AND TECHNOLOGY CORE
KATIA SOL-CHURCH, PhD | KS5UQ@VIRGINIA.EDU
PINN HALL 1076 | 434.243.9689 | *med.virginia.edu/gatc*

GENETICALLY ENGINEERED MURINE MODEL CORE
WENHAO XU, PhD | WX8N@VIRGINIA.EDU
PINN HALL 2223B | 434.982.6506
med.virginia.edu/genetically-engineered-murine-model-core

MOLECULAR ELECTRON MICROSCOPY CORE
MICHAEL PURDY Ph.D | MPURDY@VIRGINIA.EDU | SNYDER TRANSLATIONAL SCIENCE BUILDING | 540-255-3953
med.virginia.edu/molecular-electron-microscopy-core

MOLECULAR IMAGING CORE
MAURITS JANSEN, PhD | VTF5VQ@VIRGINIA.EDU | SNYDER TRANSLATIONAL SCIENCE BUILDING | 434.924.5096
med.virginia.edu/molecular-imaging-core

MOLMART
JESSICA SNOW | SMD-MOL@VIRGINIA.EDU
PINN HALL 226 | 434.924.9211
med.virginia.edu/molmart

RADIOCHEMISTRY CORE
SHIVASHANKAR KHANAPUR, PhD | KRS5XF@VIRGINIA.EDU | SNYDER TRANSLATIONAL SCIENCE BUILDING | 434.243.1770
med.virginia.edu/radiochemistry-core

RESEARCH HISTOLOGY CORE
SHERI VANHOOSE, MLT (NCA) | SLV4E@VIRGINIA.EDU
MR4 1035 | 434.924.9205
med.virginia.edu/research-histology-core

RESEARCH & CLINICAL TRIAL ANALYTICS
DEB GREEN, MEd, PMP | DLG5U@UVAHEALTH.ORG
med.virginia.edu/cancer-research/research-resources/office-of-clinical-research/office-of-clinical-research/research-clinical-trial-analytics/

SPACIAL BIOLOGY CORE
ANA KARINA de OLIVEIRA, PhD | AK4YJ@VIRGINIA.EDU
Pinn Hall 1071 | 434.924.1753
med.virginia.edu/research-histology-core

UVA Health
SCHOOL OF MEDICINE