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 are a broad array of ever evolving instrumentation to support investigators both on the cores or by training investigators’ staffs to utilize the instruments themselves. Most of our cores offer formal training sessions on experimental design, instrument operation and data analyses and welcome integrated, directed training of individuals 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'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 jw8fx@virginia.edu or visit med.virginia.edu/core-facilities.

Enhancing Research, Rigor and Reliability