



Key Contacts:

School of Medicine Office for Research

Phone: 434-243-7088

www.healthsystem.virginia.edu/internet/research

Clinical Trials Office

Phone: 434-924-8530

www.healthsystem.virginia.edu/internet/cto

General Clinical Research Center

Phone: 434-924-2394

www.healthsystem.virginia.edu/internet/gcrc

School of Medicine Office of Grants & Contracts

Phone: 434-924-8426

www.healthsystem.virginia.edu/internet/grants

UVA Research Parks

Phone: 434-924-0103

www.uvafoundation.com/researchparks

Health Care Product Evaluation Center

Phone: 434-924-0103

www.uva-hcpec.org

Biotech Ph.D. Training and Biomedical Engineering Programs

faculty.virginia.edu/biotech

www.bme.virginia.edu

UVA Health System Foundation and Corporate Relations

Phone: 434-924-8432 or 800-297-0102

www.virginia.edu/corporateconnections

www.uvahealthfoundation.org

UVA Patent Foundation

Phone: 434-924-2175

www.uvapf.org

Office of Economic Development

Phone: 434-924-7566

www.virginia.edu/vprgs/industry

Organizational Profile

The University of Virginia Health System is a nationally renowned academic medical center committed to providing outstanding patient care, educating tomorrow's health care leaders, and discovering better ways to treat disease.

The Health System includes the Schools of Medicine and Nursing, the Medical Center, and the Claude Moore Health Sciences Library. We offer an impressive array of facilities and resources to conduct groundbreaking biomedical and scientific research. Additionally, we provide extensive options for partnership and collaboration with industry, including interdisciplinary activity with experts in business, law, education, engineering and applied sciences.

Successful industry partnerships with the UVA Health System include:

- Advancing research and development at all levels
- Demonstrating safety and efficacy of drugs and devices
- Licensing and technology transfer opportunities
- Accessing leading research scientists and clinicians
- Helping launch innovative biomedical products
- Collaborating on *in-vivo* and *in-vitro* research studies
- Conducting clinical trials in a wide variety and number of areas
- Recruiting graduate and post-doctoral students

Research Strengths and Select Areas of Expertise

At UVA, there is a vast array of research, facilities, and resources available to potential industry partners. Researchers routinely collaborate with colleagues throughout the University and engage in partnerships with corporate allies large and small. A short listing of some of our key research areas include:

- Biochemistry, Molecular Biology, and Genetics
- Biodefense
- Biomedical Engineering
- Cell and Developmental Biology
- Drug Discovery
- Imaging and the Small Animal Multi-Modality Imaging Center
- Microbiology, Immunology, and Infectious Diseases
- Morphogenesis and Regenerative Medicine
- Structural, Computational Biology, and Biophysics
- Vaccine Discovery and Development

Disease-related research exists in a wide variety of areas with special emphasis on cancer, cardiovascular disease, and neurological diseases. Additional expertise and thought leaders may be found in many other areas of basic and translational biomedical research including immunological disorders, digestive health, global health issues, and aging, among others.

Resources for Industry

School of Medicine Office for Research – supports and promotes basic, clinical, and translational investigation in the School of Medicine and facilitates research cooperation and interaction within the school and other schools at UVA.

Clinical Trials Office – coordinates hundreds of clinical trials that test drugs, devices, or procedures for treatment of illnesses, such as kidney disease, diabetes, heart disease, brain injuries, cancer, cardiovascular disease, etc.

General Clinical Research Center – an NIH-supported, multi-disciplinary research facility that provides UVA investigators with the specialized resources necessary to conduct advanced clinical research.

School of Medicine Office of Grants & Contracts – aids faculty and administrators in the preparation of grant proposals, clinical trial agreements, and material transfer agreements; reviews proposals and agreements to ensure administrative, state, federal, and legal regulations are met.

UVA Research Parks – provide an environment where academic research can take place side-by-side with technology commercialization; designed to support companies in a variety of businesses, from research and development, to light manufacturing and knowledge-based commerce.

Health Care Product Evaluation Center – provides impartial, systematic, and in-depth evaluation of medical devices and products at any stage in development, from testing prototypes to assessing the potential of existing devices for off-label use.

Biotechnology Ph.D. Training Program and Biomedical Engineering Program – provide research projects and internships at leading pharmaceutical, biomedical, and medical device firms for graduate and undergraduate level students.

UVA Health System Corporate & Foundation Relations Office – seeks to maximize corporate and foundation philanthropy and other support of UVA programs by creating, maintaining, and enhancing mutually beneficial relationships between UVA and these outside entities.

Location

Conveniently located in Charlottesville, Virginia, the University of Virginia is within a one-hour drive of Richmond and two-hour drive to the Washington, D.C., area.

The Charlottesville airport has direct flights to many major cities including Washington, D.C., New York, Philadelphia, Pittsburgh, Cincinnati, Charlotte, and Atlanta.

Key Statistics:

- In 2008, the School of Medicine received more than \$195 million in research funding, with nearly \$141 million coming from the National Institutes of Health (NIH).
- 1,000 faculty experts in the Schools of Medicine and Nursing
- More than 1,100 clinical trials in a vast number of clinical research areas open for enrollment
- The UVA Hospital is a 579-bed, Level One Trauma Center—seven of its specialties are ranked in the 19th annual survey of “America’s Best Hospitals” from *U.S. News & World Report*
- 30 research centers and institutes, involving virtually all basic science and clinical departments and divisions
- The School of Medicine is ranked 9th in the nation among state-assisted medical schools and 23rd in the *U.S. News & World Report* survey of medical school research programs
- The School of Nursing is ranked 19th in the nation by *U.S. News & World Report*; the survey also ranks two of its graduate specialties within the top ten: medical/surgical (6th) and psychiatric/mental health (5th)
- UVA Patent Foundation activity (2008)—178 disclosures, 69 U.S. patent applications filed, 12 U.S. patents issued, and 65 licensing deals

UVA Patent Foundation – evaluates intellectual property generated from research at UVA, seeks to protect those inventions that show commercial potential, and licenses rights to industry.

Office of Economic Development – serves as a central point of contact for technology commercialization and economic development spanning the University of Virginia.

Other resources and expertise across UVA that may play a role in industry relations include the School of Engineering & Applied Sciences, Darden Graduate School of Business Administration, McIntire School of Commerce, and School of Law.