

RESEARCH BY THE NUMBERS

Today, complex social challenges will be addressed at the interfaces of the disciplines and through collaborative work. Essential to this is the coupling of basic scholarship with experiential learning, applied solution-oriented work, and external partners. Comprehensive research universities are uniquely capable of achieving this coupling, which is essential to high performance in American creativity and innovation. University research has built the intellectual and economic basis for societal well-being in our nation which is today the aspirational ideal of other nations around the world.

SCHOLARSHIP

12,000 faculty & staff

\$26M corporate partners research awards

\$5.3B endowment

1.5 M square ft. of research, laboratory, and studio space

21,985 students of which **6,316** are graduate students

85 master's degrees in **63** fields, **56** doctoral degrees in **53** fields. **5** education specialist degrees, and first-professional degrees in law and medicine

1 national laboratory headquarters: National Radio Astronomy Laboratory

45,000 people on Grounds on a typical day.



TOTAL RESEARCH \$338 million

Uva's federal (\$260M)

The University of Virginia was ranked the **#3** best public university in the 2016 edition of the U.S. News and World Report rankings. In the 15 years since U.S. News began ranking public universities as a separate category, U.Va. has ranked in the top three, and continues to rank in the Top 30 among the best of all national universities, public and private.

UVA Total FY 2016:

DHHS	176,690,000
DOD	23,420,000
DE	13,190,000
DOE	8,170,000
NASA	4,130,000
NSF	22,990,000
OTHER FED	11,750,000
Total Federal:	259,850,000
Foundations, Industry & Subcontracts:	72,960,000
State, Local, Foreign Gov'ts:	5,050,000
Total FY2016	\$337,860,000
Facilities & Admin rate=	58%

11 SCHOOLS



Architecture



Engineering



Arts & Sciences



Law



Business



Leadership & Public Policy



Commerce



Medicine



Continuing & Professional



Nursing



Education

UVA Seed Fund



Starting in 2016, the University of Virginia will be propelling entrepreneurship into the market like never before. The University's new Seed Fund will deploy \$10 million over 10 years to help commercialize UVA technologies and opportunities. By investing in UVA-based startups, the University is expanding its capacity to advance knowledge and serve the wider world through its research.

The main goal is to build on prior University investments in innovation, translational research and commercialization by actually investing in start-up companies to help them grow at the seed stage of financing. Half of the fund's initial \$10 million comes from the UVA Health System, while the other half is drawn from unrestricted endowment dollars. In order to be eligible for those investment dollars, a company must commercialize UVA intellectual property; be founded by current faculty, staff or students; or have gone through the University's i.Lab program. UVA hopes to grow its research expenditures by more than \$200 million over the next 10 years, and the Seed Fund will be an important source of revenue to help support that goal. Through the Seed Fund's investments, UVA will have a stake in emerging companies and the opportunity to earn returns on their future success.

Max Planck Partnership

The University of Virginia has been selected to join MAXNET Energy, a new initiative of Germany's Max Planck Society (MPS). MAXNET Energy is comprised of seven Max Planck Institutes, and UVA joins Cardiff University as the only external members. This partnership will enable UVA faculty and students to conduct collaborative research on new energy processes. Initially funded seed projects include solar process heat, photo-electrocatalysis (sunlight to fuels) and natural gas to liquid fuels. UVA and the MPS have committed ~\$4M (\$2M each) in seed funding over 5 years. Formed in 1911, Max Planck is Germany's most recognized and acclaimed research organization. They have had 32 Nobel laureates among 82 Max Planck Institutes spanning diverse fields (natural sciences, life sciences, social sciences, and the humanities). 2006 Times Higher Education rankings of non-university research institutions (based on international peer review) placed the Max Planck Society as the No.1 non-academic institution in the world for science research.

*UVA Partnership
with MAXNET Energy*

*Research Initiative with
Max Planck Institute for
Chemical Energy
Conversion*



www.virginia.edu/vpr

Data Science



The Data Science Institute is an institute for large scale, complex data analysis. It is a unique confluence of computation, science, engineering, mathematics, statistics, commerce, social science, humanities, law, & more. The faculty of the Institute represent a truly broad, interdisciplinary team of scientists, engineers, humanists, and educators all of whom have identified data science as critical to their research.

Brain Institute

The new institute draws upon talented faculty and students and recent cluster hires in the College and Graduate School of Arts & Sciences, the Curry School of Education, the School of Medicine, the School of Engineering and Applied Science and the Data Science Institute – to all work as colleagues on developing better methods for understanding the multi-faceted brain, to seek new ways to prevent, treat and cure brain diseases and injury, and to teach about what is learned.

<http://www.virginia.edu/vpr/Brain/index.html>

1.5 Million square feet of research, lab and studio space.

3 research parks- Fontaine Research Park, UVA Research Park and Blue Ridge property (for future development)