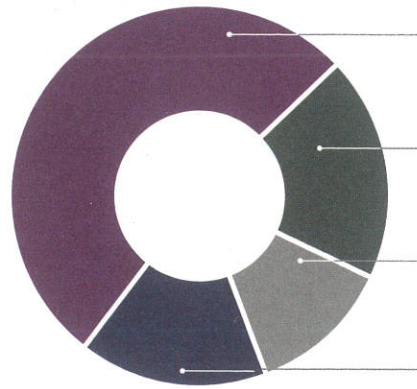


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Materials Science & Engineering*
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Systems Science & Mathematics

* interdisciplinary

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Biomedical Engineering
Biomedical Innovation
Computer Engineering
Computer Science
Control Engineering
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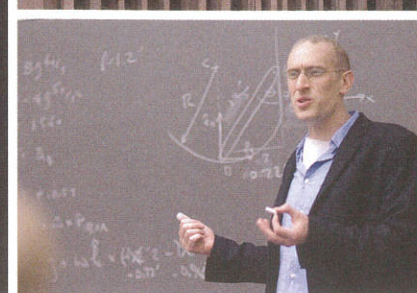
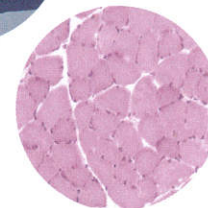
I research a very specific yet important area that has implications on global climate but is completely understudied. However, despite how focused my specific projects are, I've picked up a broad skillset that can be applied to many areas of science and engineering.”

— Ben Sumlin, PhD candidate in Energy, Environmental & Chemical Engineering
Hometown: Reno, Nevada

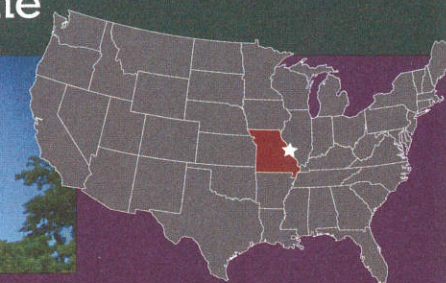
Research with renowned faculty

As you begin your mentored experience with faculty, you will be directly involved in conducting research and finding new solutions to the world's greatest challenges.

- » Discover drugs to treat deadly heart conditions
- » Develop efficient algorithms to process large-scale astronomical datasets
- » Create device to allow sensations in prosthetic hands
- » Providing insight into brain response to stimuli and senses
- » Finding less expensive ways to convert carbon dioxide into useful fuels and materials
- » Researching elbow stiffness after injury
- » Creating gasoline from *E. coli*
- » Using big data to find genetic clues in complex human diseases
- » Developing new sensor to detect individual nanoparticles



Make St. Louis your home



St. Louis is very affordable, with a cost index 10 percent lower than the national average. St. Louis was ranked No.7 most affordable city in the U.S. according to *Forbes*.

World-class partnerships and facilities

Research and university partnerships allow students to reach beyond borders and disciplines to make changes impacting health, energy, environment and climate change, security, hunger, inequality and poverty; and with WashU students from around the globe and faculty who conduct research that touches every corner of the world, WashU engineers understand how you can have a global impact while researching in St. Louis.

3,000

RESEARCH PROJECTS UNDERWAY EACH YEAR AT WASHU

\$250M

INVESTMENT IN NEW ENGINEERING SPACE SINCE 2010

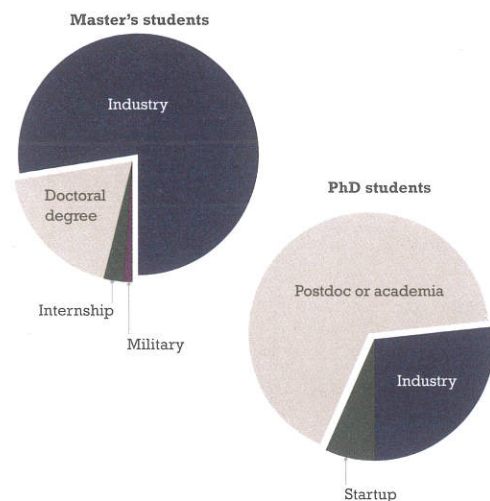
The entrepreneurial environment in St. Louis is vibrant, with the growing Cortex Innovation Community, home to a 200-acre innovation hub and technology district.



St. Louis ranks as the No. 1 city for start-ups according to *Business Insider*.

Where do graduates go?

Reported post-graduate plans for 2017 graduates.

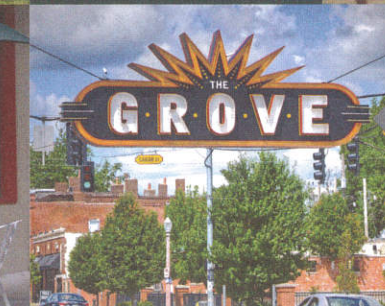
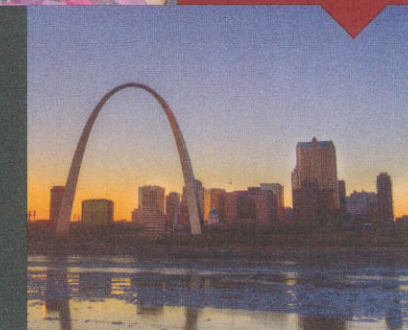
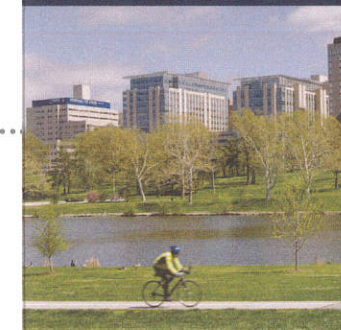


“There are so many resources across the university yet also an abundance of one-on-one interaction. All of the professors know you, and they are very approachable, giving you a different perspective which is very important for interdisciplinary research.”

— Sirimuvva Tadepalli, PhD in Materials Science & Engineering
Current position: Postdoctoral Research Fellow, Stanford University

Forest Park

Located between WashU's Danforth and Medical Campuses, this 1,293-acre gem has something for everyone year-round.



No matter your style or preferences, there is a neighborhood for everyone with its own history, culture, restaurants, brewpubs and shopping.