



Vision Statement

- To produce undergraduate engineers who combine the spirit of innovation and invention with the skills of leadership.
- To produce engineers with advanced degrees who are prepared to pursue fundamental discoveries that can solve pervasive issues facing the nation and the world.
- To be an environment where the best and brightest faculty, students and other scholars can conduct leading-edge scientific research.

Our STUDENTS

- The design of a sustainable water-purification system for Venda, South Africa by 3rd-year ChE students Ana Jemec and Eric Harshfield was selected for 2008 funding by the **Davis Projects for Peace**.
- We have 2,134 undergraduate and 664 graduate students. 28.4 percent are women; 5.2 percent are African American. The Class of 2012 is the largest class ever at 581.
- The **ecoMOD3** project, a joint, multi-year project with faculty and students in the Engineering School and School of Architecture, is a finalist for a World Habitat Award.
- Interns in the **Science and Technology Policy Internship Program** were placed in high-level policy-making offices in locations that included Paris, France; Richmond, Va.; and Washington, D.C. Offices included the National Academy of Engineers, National Science Foundation, White House Office of Science and Technology and the Information Technology Council.
- **American Institute of Chemical Engineers** recognized the U.Va. Student Chapter as one of its 15 Outstanding Chapters for 2008.

Our FACULTY

- There were 3 new **NSF CAREER Award winners** in 2008; there are a total of 29 winners on the faculty.
- **Edward J. Berger** received a 2008 Outstanding Faculty Award from the State Council of Higher Education for Virginia in recognition of his superior accomplishments in teaching, research and public service, and his research on the effectiveness of Web-based interactive technologies in the college classroom.
- 14 percent of our faculty are women.
- **Robert Davis and Matt Neurock** are team members of an NSF Engineering Research Center for Biorenewable Chemicals at Iowa State.
- There are 12 **National Academy of Engineering members** on the faculty.
- **Richard Kent** was elected a Fellow of Advancement of Automotive Medicine (AAAM) and SAE.
- **Hilary Bart-Smith** received a Multidisciplinary University Research Initiative Program (MURI) award for her research on creation of an autonomous underwater vehicle that would mimic the graceful motions of a manta ray.

Our SCHOOL

- The Engineering School has identified **four “cluster” areas of strength** — bioengineering, nanotechnology, information science and technology, and energy and the environment.
- The Engineering School received approximately **\$55 million in research awards** in the fiscal year ending June 30, 2008.
- The Engineering School has risen to No. 28 in **U.S. News and World Report** rankings of Best Undergraduate Programs up from No. 33 in 2004.
- In addition to traditional engineering programs, we offer **undergraduate minors** in Applied Math, Science and Technology Policy, Engineering Business, History of Science and Technology, and Technology and the Environment.
- The **SEAS International Studies program** assists students who wish to incorporate international study into their undergraduate years.
- Sign up for monthly **E-News from the dean** at www.seas.virginia.edu.



Our STUDENTS, FACULTY AND SCHOOL in Fall 2008

- Founded in 1836, the Engineering School currently has 2,134 undergraduate, 664 graduate students and 154 full-time tenured and tenure track faculty. Our student-to-faculty ratio is 14:1. The Engineering School has risen to No. 28 in U.S. News and World Report rankings of Best Undergraduate Programs up from No. 33 in 2004. Six of the School's nine departments rose in the latest "U.S. News & World Report" graduate rankings and 12 faculty members are members of the National Academy of Engineering.
- The University of Virginia is ranked No. 2 among public universities by "U.S. News & World Report." Engineering School students benefit from the legacy of Thomas Jefferson and receive a strong liberal arts and sciences education in addition to traditional training in engineering.
- The Science and Technology Policy Internship Program, now in its eighth year, places students in offices such as the National Science Foundation Europe Office in Paris, France; the Virginia Secretary of Technology, in Richmond, Va.; and the Institute of Medicine, National Science Foundation and the White House Office of Science and Technology Policy, in Washington, D.C., where they earn academic credit while experiencing first-hand how public policy and science and technology intersect in the nation and the world.
- The Engineering School consistently attracts top-quality in-state and out-of-state applicants; our competition includes Duke University, Georgia Institute of Technology, Cornell, Princeton, MIT and Virginia Tech.
- We have a curriculum that allows our students to choose minors, such as Engineering Business, Science and Technology Policy, History of Science and Technology, Applied Math and Technology and the Environment, to prepare them for leadership roles in the global world of today.
- There are significant opportunities for undergraduate students to get involved with faculty research through University research-support programs.
- We are a School that affirms the value of a diverse student and faculty community: 28 percent of our undergraduates are women, 27 percent of our undergraduates are members of a minority, and 14 percent of our faculty are women.
- The SEAS International Programs office assists students who wish to engage in an international experience, an opportunity we believe should be available to every U.Va. engineer.
- Major research thrusts are in bioengineering, nanotechnology, information science and technology, and energy and the environment.
- The Engineering School is ranked as a top-tier/key recruiting source by many of the "Fortune 100" companies, and 70 percent of engineering graduates accept employment as a result of services provided through the Center for Engineering Career Services and the University Career Services.