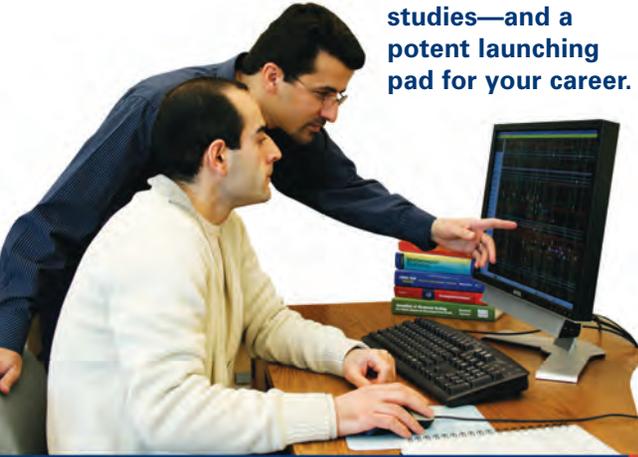


UConn ENGINEERING

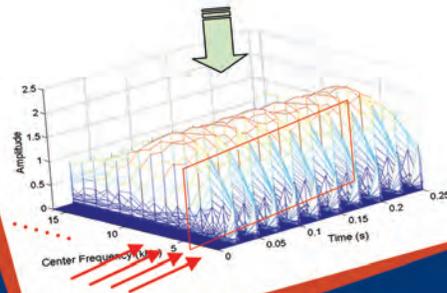
is a great place to pursue graduate studies—and a potent launching pad for your career.



"While completing my B.S., I became interested in advanced energy systems (fuel cells, in particular) and was considering graduate school. When I visited UConn, I really liked the personable qualities of the faculty; their approach to the graduate experience/program; the research portfolio and the faculty's interest in—and excitement for—their research. That experience really sold me on UConn."

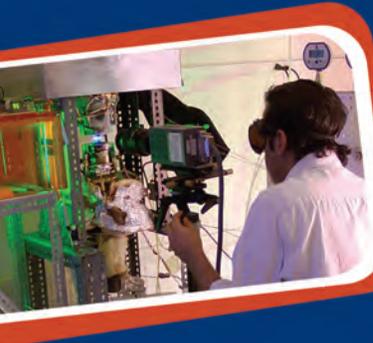


*Kyle Grew (Ph.D. 2010, Mechanical Engineering)
B.S. mechanical engineering, University of Dayton*



UConn Engineering offers graduate students unmatched value, combining scholarly reputation and promise, exciting research opportunities, beautiful locale, enviable job prospects and educational excellence.

Nestled amid handsome forests and farmlands in rural northeastern Connecticut, UConn offers the best of both worlds: a vibrant small community and close proximity to the urban centers of Hartford, Boston and New York City. UConn also boasts exciting cultural and athletic activities, dedicated housing for graduate student families as well as individual students, and excellent K-12 schools that are ranked among the top in the nation. Take a virtual tour of campus at <http://admissions.uconn.edu/virtualtour/>.

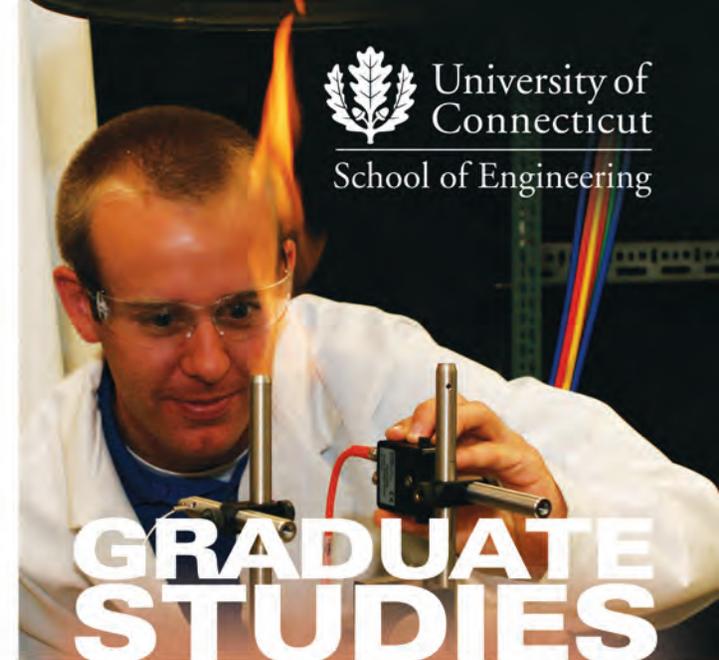


We invite you to explore our website www.engr.uconn.edu for more information. To request additional details about our programs, please contact us or complete the online worksheet on http://www.engr.uconn.edu/grad_inquiry/

Contact:

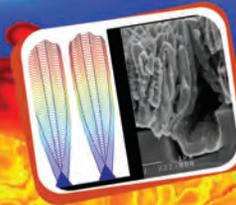
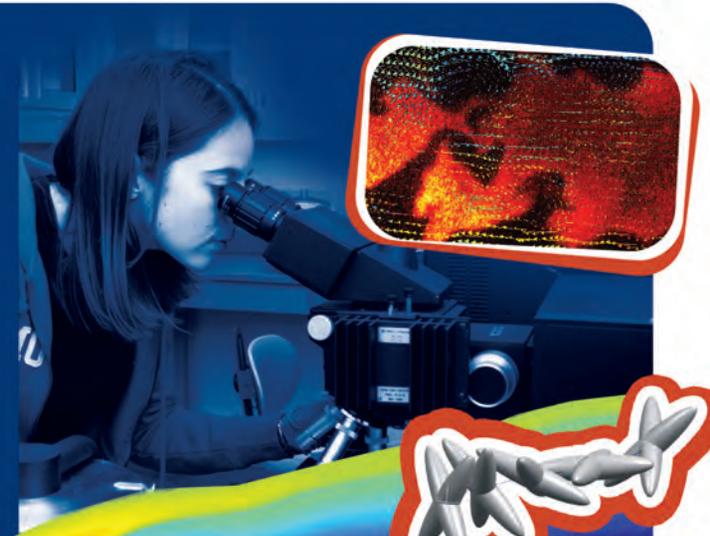
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University of
Connecticut
School of Engineering



GRADUATE STUDIES

in engineering



graduate studies in engineering

GREAT PACKAGE

UConn engineering Ph.D. students enjoy excellent research, funding, mentoring and career opportunities. In addition to great fringe benefits, including *health insurance*, students may receive:

Up to \$30,000, plus tuition, under our -

- Five *U.S. Department of Education* Graduate Assistance in Areas National Need (GAANN) programs in biomaterials, sustainable energy, advanced computing and security
- *National Science Foundation* GK-12 Fellowships

Average of \$27,000/year for qualifying Ph.D. Research and Teaching Assistants

Prestigious three-year fellowships from NSF, DOD and other government agencies

ABOUT UCONN

The **University of Connecticut** (UConn) is the #1 ranked public university in New England (*U.S. News & World Report*, 2009) and currently undergoing a state-funded \$2.3 billion infrastructure improvement plan that includes a new state-of-the-art Engineering building that will house laboratories for translational research and education in strategic areas such as energy, informatics, nanotechnology, biotechnology, security, and sustainable engineering.

The School of Engineering has over 120 faculty members aligned with five core departments, interdisciplinary programs and research centers.

In the last two years, we have successfully recruited and hired 16 new faculty members. We offer 10 M.S. and Ph.D. degree programs including:

- Biomedical Engineering
- Chemical Engineering
- Civil Engineering
- Computer Science & Engineering
- Electrical Engineering
- Environmental Engineering
- Materials Science & Engineering
- Mechanical Engineering
- Polymer Science
- Master of Engineering (MENG)

OUTSTANDING FACULTY

Our tenure-track/tenured faculty members are exceptional researchers and educators in both core and emerging areas. Among them are:

- 2 members, National Academy of Engineering
- 1 member, National Academy of Sciences
- 27 NSF CAREER awards
- 5 Young Investigator Program awards
- 1 Presidential Early Career Award for Scientists and Engineers (PECASE)
- 14 women
- Over 60 journal editors and board members
- 51 professional society Fellows
- Over 70 books and 240 patents

STATE-OF-THE-ART RESEARCH FACILITIES

Our interdisciplinary research laboratories, furnished with the latest in state-of-the-art equipment and resources, offer graduate students a unique opportunity to conduct cutting-edge explorations in a spectrum of areas. Our research facilities include the:

- Bioinformatics and Biocomputing Institute (BIBCI) – biomedical and biological research using advanced computing techniques

- Booth Engineering Center for Advanced Technology (BECAT) – supercomputing, high-speed and parallel computing, information technology
- Center for Clean Energy Engineering (C2E2) – advanced, sustainable energies, including fuel cells, biofuels and solar, etc.
- Center for Environmental Science & Engineering (CESE) – environmental sciences, engineering, policy and sustainability
- Connecticut Transportation Institute (CTI) – transit systems, road design and safety, secure infrastructures and monitoring
- Institute for Materials Science (IMS) – fundamental and applied studies in materials characterization, functionality and optimization

TIME FOR EXCITING DISCOVERIES

This is a time of great excitement in the School of Engineering. Research funding is at a new high; cross-disciplinary and translational research enriches our programs; international and industry collaborations spark innovations; new faculty broaden our research horizons; and state-of-the-art equipment and resources enhance our research capabilities.

Since 2007, we have secured a Department of Homeland Security (DHS) *Center of Excellence in Transportation Security* focusing on advancing technologies that ensure a safer and more resilient critical national infrastructure; and an *Eminent Faculty Initiative in Sustainable Energy*, a groundbreaking program that fosters and nucleates research in the strategic areas of fuel cells, photovoltaics, alternative fuels and other sustainable energy technologies and applications.

JOBS, JOBS, JOBS!

Our doctoral graduates advance to impressive academic, industry and government careers at institutions such as Columbia University, RPI, Yale, George Washington and Texas A&M; Raytheon, IBM, UTC, Microsoft and Lucent; NASA, NIST, NIH and Los Alamos. Over 150 of our Ph.D. alumni serve as faculty members at top colleges and universities across the globe.

"For me, the most important factor in choosing a graduate school was the quality of faculty. I chose UConn because the faculty here are involved in really interesting, innovative research."

Claire Weiss (Ph.D. 2012, Materials Science & Engineering)

B.A. physics, Lawrence University

