

UConn Engineering

2021 Fact Sheet

ABOUT UCONN ENGINEERING

UConn Engineering excels in education, research, and professional service. We are the primary source of engineering leadership and talent in Connecticut. Our students, faculty, and laboratory infrastructure support the technological activity needed to strengthen our economy. We proudly use our capabilities to improve our state, the nation, and the world.

622

Graduate Student Fellowships
or Teaching/Research
Assistantships Awarded

\$527,000

Scholarship Funds
Awarded to Students

53%

Percentage of Total Connecticut
Engineering Graduates that
come from UConn

3

Dual Degree Programs in
Engineering and a Foreign
Language: German, Spanish,
and French

SENIOR DESIGN PROGRAM

~237

Project Teams

~120

Industry
Sponsors

~700

Senior Students



The Vergnano Institute for Inclusion is dedicated to increasing the number of underrepresented students in engineering and other STEM fields and runs a number of programs in an effort to work towards this goal. The Vergnano Institute for Inclusion programs are designed to facilitate the outreach, recruitment, retention, and overall success of all members of the School of Engineering community.



OUR STUDENTS (FALL 2021)

Undergraduates	3478
Graduate Students	911

STUDENT CHARACTERISTICS

	UNDERGRAD	GRADUATE
Female	888	272
International	165	367

DEGREES CONFERRED 2020

Bachelors	850
Masters	133
Doctorate	76

DEGREE PROGRAMS

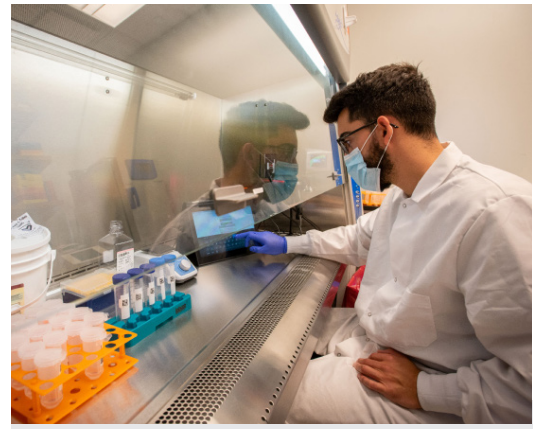
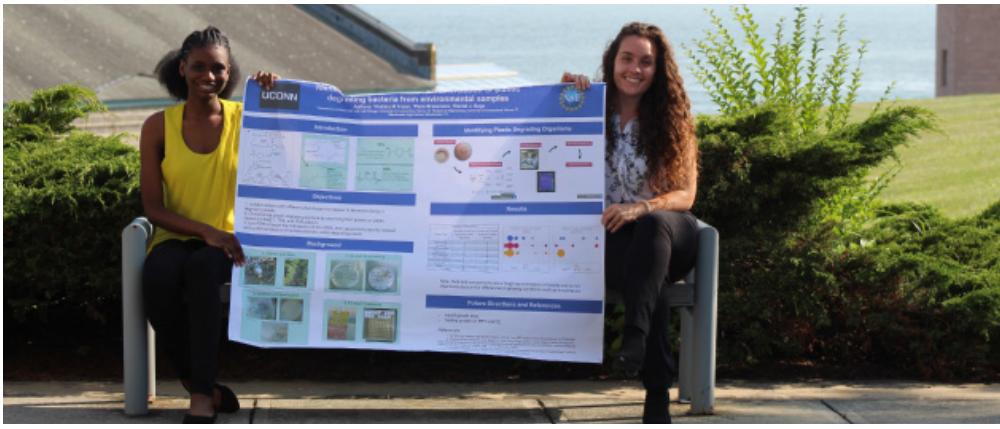
Advanced Manufacturing for Energy Systems, MS
Biomedical Engineering, BSE, MS, PhD
Chemical Engineering BSE, MS, PhD
Civil Engineering, BSE, MS, PhD
Computer Engineering, BSE
Computer Science, BSE
Computer Science & Engineering, BSE, MS, PhD
Electrical Engineering, BSE, PhD
Engineering Physics, BS
Environmental Engineering, BSE, MS, PhD
Management & Engineering for Manufacturing, BSE
Material Science, MS, PhD
Materials Science & Engineering, BSE, MS, PhD
Mechanical Engineering, BSE, MS, PhD
Multidisciplinary Engineering, BSE

PROFESSIONAL PROGRAMS

Master of Engineering (MEng)
Master of Engineering (MEng)
Advanced Manufacturing for Energy Systems
Advanced Systems Engineering
Biomedical Engineering
Chemical Engineering
Civil Engineering
Computer Science and Engineering
Data Science
Electrical and Computer Engineering
Environmental Engineering
General Engineering
Global Entrepreneurship
Manufacturing
Materials Science and Engineering
MBA/Engineering Dual Degree
Mechanical Engineering

GRADUATE CERTIFICATES

Advanced Materials Characterization
Advanced Systems Engineering
Bridge Engineering
Composites Engineering
Contaminated Site Remediation
Engineering Data Science
Power Engineering
Power Grid Modernization
Process Engineering



RESEARCH AND IMPACT

Our research programs promote economic development through collaboration with our industry partners, provide valuable hands-on experiences for our students, and facilitate engagement with government labs and agencies. Every year, our faculty members bring in millions of research dollars to advance our nation's technological capabilities in a variety of sectors. These efforts help maintain UConn's status as one of the top public research institutions in the country.

\$67M

FY 20 Total Research Expenditures

\$372K

FY 20 Research Expenditures per Faculty

543

Active Grants

16

FY 20 Patents Issued

FACULTY

148

Tenured/Tenure Track Faculty Members

44

Endowed (17), Named (7), and Term Professors (20)

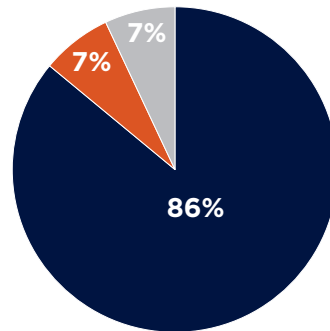
35

Teaching Faculty

5

2020 NSF CAREER Recipients

RESEARCH FUNDING



■ FEDERAL ■ INDUSTRY ■ OTHER

37%

Portion of Connecticut Economy Generated by Engineering-related Industries

ECONOMIC IMPACT

50

Research Projects with Small & Medium Enterprises (SMEs) in Connecticut.

70

Startups Launched with SoE Students and Faculty since 2017

INDUSTRY ENGAGEMENT

~150

Companies Actively Collaborating with UConn Engineering Past Five Years

CENTERS AND INSTITUTES

Center for Clean Energy Engineering (C2E2)

Center for Materials Processing Data (CMPD)

Center for Science of Heterogeneous Additive Printing of 3D Materials (SHAP3D)

Collins Aerospace Center for Advanced Materials

Connecticut Advanced Computing Center (CACC):

- Comcast Center of Excellence for Security Innovation Center (CSI)

- Center for Hardware and Embedded Systems Security and Trust (CHEST)

- Synchrony Center for Excellence in Cybersecurity
- Center for Voting Technology Research (VoTeR Center)

Connecticut Center for Applied Separations Technology (CCAST)

Connecticut Transportation Institute (CTI)

Connecticut Transportation Research Center (CTSRC)

Enterprise Solution Center (ESC):

- Connecticut Manufacturing Simulation Center (CMSC)

- Quiet Corner Innovation Cluster

- Proof of Concept Center (POCC)

- Connecticut Manufacturing Resource Center (CMRC)

Eversource Energy Center

IN-siTu/Operando Electron Microscopy (InToEM):

National Institute for Undersea Vehicle Technology (NIUVT)

Pratt & Whitney Additive Manufacturing Innovation Center

Project Daedalus - Air Force Advanced Manufacturing Initiative

Reverse Engineering Fabrication Inspection & Non-Destructive Evaluation (REFINE)

UConn-Thermo Fisher Scientific Center for Advanced Microscopy and Materials Analysis (CAMMA)

UTC Institute for Advanced Systems Engineering

www.engr.uconn.edu