ABOUT THE DEPARTMENT OF ELECTRICAL, COMPUTER AND SYSTEMS ENGINEERING

STUDENTS

65 Undergraduate
16% first-year female
17% first-year underrepresented
117 Graduate

DEGREES OFFERED

Computer and Systems Engineering (B.S., M.S., M.Eng., Ph.D.)

Electrical Engineering (B.S., M.S., M.Eng., Ph.D.)

DEGREES AWARDED AY 2017/2018

13 Doctoral
29 Masters
164 Bachelors

GRADUATE STUDENT SUPPORT

(FALL 2017)

95% of the doctoral students receive financial support

ECSE faculty include 14 IEEE fellows, 7 Fellows of other learned societies, 2 Jefferson Science Fellows, 7 NSF Career Award winners

3 ECSE Alumni have been awarded three Presidential National Medals in the last four years

119 Archival Journal Papers in 2017

FY17 Research Expenditures in excess of $12M

RESEARCH AREAS

AI and Machine Learning Systems
Communications & Computer Networking
Computer Hardware Design
Controls, Robotics & Automation
Electronics & Photonics
Imaging Science & Computer Vision
Power Electronics & Power Systems

AFFILIATED RESEARCH CENTERS

CURENT – NSF Engineering Research Center for Ultra-Wide-Area Resilient Electric Energy Transmission
LESA – Center for Lighting Enabled Systems and Applications | LESA.rpi.edu
CFES – Center for Future Energy Systems | rpi.edu/cfes
CATS – Center for Automation Technologies and Systems | cats.rpi.edu
“CONNECTION – ONE” – NST Industrial University Cooperative Research Center | ecse.rpi.edu

CONTACT US

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ECSE.RPI.EDU

(518) 276-6316
ECSE Faculty includes: 14 IEEE Fellows; 16 NSF CAREER Awards; 1 Naval Young Investigator Award; 1 Elected National Academy of Engineering (NAE); 2 Jefferson Science Fellows; 6 Fellows of multiple learned societies.

Al-Hussein Abozeid, Professor
Ishwara Bhat, Professor
Jeffrey Braunstein, Lecturer
Joe Chow, Professor
Tat-Sing (Paul) Chow, Professor
Partha Dutta, Professor
W. Randolph Franklin, Professor
George Gela, Lecturer
Mahmood Hameed, Lecturer
Hella, Mona, Associate Professor
Huang, Zhaoran (Rena), Associate Professor
Ji, Qiang, Professor Associate
Julius, Anak A., Associate Professor
Junichi Kanai, Professor of Practice
Koushik Kar, Professor
Robert Karlicek, Professor
Russell Kraft, Lecturer
Yannick Le Coz, Associate Professor
Jian-Qiang (James) Lu, Professor

John McDonald, Professor
Paul Moon, Lecturer
Richard Radke, Professor
Shayla Sawyer, Associate Professor
Paul Schoch, Associate Professor
E. Fred Schubert, Professor
Manoj Shah, Professor of Practice
Michael Shur, Patricia W. and C. Sheldon Roberts ’48 Chair in Solid State Electronics
Jian Sun, Professor
Ali Tajer, Assistant Professor
Luigi Vanfretti, Associate Professor
Meng Wang, Assistant Professor
John (Ting-Yung) Wen, Professor
Michael Wozny, Professor, and ECSE Department Head
Birsen Yazici, Professor
Tong Zhang, Professor

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