ABOUT THE DEPARTMENT OF ELECTRICAL, COMPUTER AND SYSTEMS ENGINEERING

STUDENTS
- 654 Undergraduates
- 18 Masters
- 91 Doctoral

Select US News & World Report Rankings:
- 27th Graduate Electrical Engineering

DEGREES OFFERED
- Computer and Systems Engineering (B.S., M.S., M.Eng., Ph.D.)
- Electrical Engineering (B.S., M.Eng., Ph.D.)

DEGREES AWARDED AY 2014/2015
- 17 Doctoral
- 21 Masters
- 115 Bachelors

GRADUATE STUDENT SUPPORT (FALL 2015)
- 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
- ECSE Alumni have been awarded three National Medals of Technology from President Obama in the last two years
- 119 Archival Journal Papers in 2015
- FY14 Research Expenditures in excess of $12M

RESEARCH AREAS
- Communications, Information, and Signals and Systems
- Computer Engineering and Networking
- Control, Robotics and Automation, and Synthetic Biology
- Electrophysical Devices and Systems
- Energy Sources and Systems
- Illumination Sciences and Systems
- Image Sciences

AFFILIATED RESEARCH CENTERS
- NSF Smart Lighting Engineering Research Center | smartlighting.rpi.edu
- NSF Engineering Research Center for Ultra-Wide-Area Resilient Electric Energy Transmission (CURENT)
- Center for Future Energy Systems rpi.edu/cfes
- Center for Automation Technologies and Systems | cats.rpi.edu

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ECSE.RPI.EDU
ECSE Faculty includes: 14 IEEE Fellows; 7 NSF CAREER Awards; 1 Naval Young Investigator Award; 2 Jefferson Science Fellows; 6 Fellows of multiple learned societies.

- Al-Hussein Abouzeid, Professor
- Ishwara Bhat, Professor
- Jeffrey Braunstein, Lecturer
- Joe Chow, Professor
- Tat-Sing (Paul) Chow, Professor
- Kenneth Connor, Professor
- Partha Dutta, Professor
- W. Randolph Franklin, Professor
- Hella, Mona, Associate Professor
- Huang, Zhaoran (Rena), Associate Professor
- Ji, Qiang, Professor and Associate Head for Graduate Studies
- Julius, Anak A., Assistant Professor
- Junich Kanai, Professor of Practice
- Koushik Kar, Professor
- Robert Karlicek, Professor
- Russel Kraft, Lecturer
- Yannick Le Coz, Associate Professor
- Jian-Qiang (James) Lu, Professor
- John McDonald, Professor
- Paul Moon, Lecturer
- Leila Parsa, Associate Professor
- Richard Radke, Professor
- Arthur Sanderson, Professor
- Gary Saulnier, Professor and Associate Head for Undergraduate Studies
- Shayla Sawyer, Associate Professor
- Paul Schoch, Associate Professor
- E. Fred Schubert, Professor
- Michael Shur, Patricia W. and C. Sheldon Roberts ’48 Chaired Professor in Solid State Electronics
- Jian Sun, Professor
- Ali Tajer, Assistant Professor
- Kenneth Vastola, Professor
- Meng Wang, Assistant Professor
- John (Ting-Yung) Wen, Professor
- John Woods, Professor
- Michael Wozny, Professor and Department Head, Electrical, Computer, & Systems Engineering
- Wencen Wu, Assistant Professor
- Birsen Yazici, Professor
- Tong Zhang, Professor