SCHOOL OF ENGINEERING FACTS

- Founded in 1824, one of the oldest engineering schools in the country
- Located in Troy, NY, 150 miles north of New York City
- 525 graduate students
- 3,100 undergraduate students
- 31 degree programs (12 UG and 19 G)

RESEARCH HIGHLIGHTS

- 18 Engineering Focused Research Centers
- 2 NSF Engineering Research Centers (ERCs)

SCHOOL FACULTY

- 25 endowed chairs or professorships
- 18 National Science Foundation (NSF) Faculty Early Career Development (CAREER) Award winners (2010-2014)
- 45 Early Career Awards (e.g., NSF CAREER and other Young Investigator Awards) among current faculty

DEPARTMENT FACTS

STUDENTS

1,331 Undergraduates
215 Graduate

Recent US NEWS & WORLD REPORT
GRADUATE RANKINGS
Aeronautical Engineering 23
Mechanical Engineering 25
Nuclear Engineering 14

DEGREES OFFERED
Aeronautical Engineering (B.S., M.Eng., M.S., Ph.D.)
Engineering Physics (M.S., Ph.D.)
Mechanical Engineering (B.S., M.Eng., M.S., Ph.D.)
Nuclear Engineering (B.S., M.Eng., M.S.)
Nuclear Engineering & Science (Ph.D.)

DEGREES AWARDED IN (AY) 2015
258 Bachelors
36 Masters
22 Ph.D.

GRADUATE STUDENT SUPPORT (FALL 2015)
95% of current full-time doctoral students received financial assistance

AFFILIATED RESEARCH CENTERS

- Center for Automation Technologies and Systems | cats.rpi.edu
- Center for Flow Physics and Control | www.scer.rpi.edu/cefpac
- Center for Modeling, Simulation and Imaging in Medicine | www.scer.rpi.edu/cemsim
- Computational Center for Nanotechnology Innovations | ccri.rpi.edu
- Center for Engineering-based Patient Modeling | cemr.rpi.edu
- Scientific Computation Research Center | scorec.rpi.edu

RESEARCH AREAS

AEROSPACE SCIENCE AND ENGINEERING
- Fluid Dynamics/Aerodynamics
- Advanced Structures/Materials
- Optimization
- Space
- Combustion/Propulsion

MECHANICAL SCIENCE AND ENGINEERING
- Mechanics and Materials
- Thermal and Fluids Engineering
- Design and Manufacturing
- Dynamics and Controls

NUCLEAR SCIENCE AND ENGINEERING
- Nuclear Power Systems
- Applied Radiation Technologies
- Radiation Protection, Medical and Industrial Uses of Radiation
- Nuclear Materials

CROSS-CUTTING RESEARCH AREAS
- Energy Science and Engineering
- Materials, Materials Processing and Controls
- Human Health and Safety

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Peter Caracappa, Lecturer
Aram Chung, Assistant Professor
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Prabhat Hajela, Professor, Provost
Thomas Haley, Lecturer
Jason Hicken, Assistant Professor
Amir Hirsa, Professor
Casey Hoffman, Lecturer
Joshua Hurst, Lecturer
Wei Ji, Associate Professor
Hyun Gook Kang, Associate Professor
Nikhil Koratkar, John A. Clark and Edward T. Crossan Professor of Engineering
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Li (Emily) Liu, Associate Professor
Bimal Malaviya, Professor
Kristen Mills, Assistant Professor
Antoinette Maniatty, Professor
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Catalin Picu, Professor and Associate Department Head for Undergraduate Studies
Michael Podowski, Professor
Zvi Rusak, Professor
Onkar Sahni, Assistant Professor
Johnson Samuel, Assistant Professor
Henry Scarton, Associate Professor
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Sastry Sreepada, Professor of Practice
Mark Steiner, Professor of Practice
John Tichy, Professor
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Lucy Zhang, Associate Professor
Wei Zhou, Lecturer

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