



Department of Electrical Engineering (EE)

<http://ece.engr.uno.edu>

<http://ece.engr.uno.edu/isl/>

What we're proud of at UNO-EE

- The only EE program in the New Orleans metropolitan area, and one of the few EE programs ranked by "Princeton Review" within "Best 361 College", "Best in the Southeast", and "Best Value College" lists.
- UNO Engineering Graduate Program, ranked #66 overall by the US News "Top Engineering Schools".
- Racial and cultural diversity. Large nontraditional population.
- Quality and dedication of faculty. High value for education. High faculty to graduate student ratio.
- Expert researchers, with some world renowned and prolific researchers.
- Multi-million externally funded research projects.



Graduate Assistantships Available in EE

A large number of funded Graduate Assistantships (GA) are available for graduate students pursuing their Master of Science and Ph.D. degrees in the Department of Electrical Engineering.

Graduate Research Assistantships for M.S. students include paid tuition and stipends of U\$S 14,000 and up.

Graduate Research Assistantships for Ph.D. students include paid tuition and stipends of U\$S 17,000 and up.

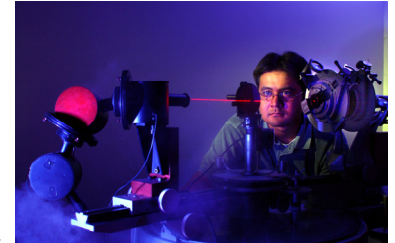
Teaching Assistantships (laboratory experience) are also widely available.

IST-RC

The Information and Systems Technology Research Center (IST-RC), led by researchers in the Electrical Engineering Department, is UNO's newest Research Center. It is funded at several million US dollars per year, dedicated to the broad areas of Signals and Systems and Information Technologies.

The focus areas of the IST-RC are:

- Information fusion,
- Target information processing,
- Data, signal, and image processing,
- Sensors and sensor networks,
- Data mining and machine learning.



Contact Information

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Research Areas of Interest

- Information fusion, target tracking, detection, and recognition
- Signal and data processing (digital, statistical, optical, biomedical, radar, sonar, and audio)
- Polarization, optical devices and instruments, reflection, and thin-film optics
- Image processing and computer vision
- Communications and coding
- Computing, embedded systems
- Statistical inference, estimation, decision, filtering, identification, and forecasting
- Control systems, industrial controls, and optimization
- Neural networks, learning, pattern recognition, and computational intelligence.
- Sensors and sensor systems.
- Power systems, electrical machinery, high-voltage engineering.
- Power converters, drives, and industrial electronics.