UF Herbert Wertheim College of Engineering
UNIVERSITY of FLORIDA

DEPARTMENT OF MATERIALS SCIENCE & ENGINEERING

LEGACY OF EXCELLENCE. **FUTURE FOCUSED.**

Dr. Michele Manuel
Department Chair, Rolf E. Hummel Professor of Electronic Materials

The Department of Materials Science & Engineering at the University of Florida is the #1 ranked materials program in the state and one of the oldest MSE programs in the country.

The department's hands-on approach to engineering is steeped in a foundation of theoretical and science education that bridges engineering, chemistry and physics. Our goal is to educate well-rounded and successful engineers through design labs set up to identify and solve real problems facing society today.

The department is ABET-accredited and offers bachelor and graduate degrees in Materials Science and Engineering. The department also provides students an opportunity to specialize in a specified material through a certificate option. The department is also looking toward the future of engineering by expanding our nuclear materials, biomaterials, computational materials and artificial intelligence research areas.

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MATERIALS SCIENCE & ENGINEERING GRADUATE PROGRAM AMONG PUBLIC UNIVERSITIES

#1 IN THE COUNTRY FOR THE MOST BLACK/AFRICAN AMERICAN FACULTY IN A MSE DEPARTMENT

#2 IN THE COUNTRY FOR MOST FEMALE FACULTY IN A MSE DEPARTMENT

31 NUMBER OF TENURED AND TENURE-TRACK RESEARCH FACULTY IN THE DEPARTMENT

Information sourced from: U.S. News & World Report; Departmental Resources; ASEE

HIGHLIGHTS

CERTIFICATES
Undergraduate and graduate students can pursue a certificate in biomaterials, ceramics, electronic materials, metals or polymers.

EQUIPMENT
Students train on industry-standard equipment such as electron microscopes, 3D printers and computational materials analysis tools.

DISTANCE LEARNING
Students can participate in the online program, EDGE to earn a master's degree from afar. The Gator Nation is and can be everywhere.

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ENDOWED PROFESSORSHIPS

Endowed professorships result from the direct support of donors who prioritize excellence across all facets of research and higher education and allow us to attract and retain the best and the brightest faculty for our programs. In addition to honoring both the holder and donor, these titles/positions also provide an enduring funding source for research and collaboration. From early career to senior-level, these scholars excel at helping our students become the engineering industry leaders of tomorrow.

DEPARTMENT OF MATERIALS SCIENCE & ENGINEERING RESEARCH CENTERS & INSTITUTES

- Research Service Centers (RSC)
- Center for Molecular Magnetic Quantum Materials (M2QM)
- HiPerGator (UF High Performance Computing Center)
- Center for Particulate and Surfactant Systems (CPaSS)
- Multi-functional Integrated System Technology (MIST) Center

Learn more about us @ **MSE.UFL.EDU**