

Rigorous, personalized, advanced training with highly ranked faculty research leaders



WHY CHOOSE DUKE?

- **World-class research** with global impact in energy, automation, and health care.
- **Uniquely interdisciplinary environment** - Students work closely with Duke's Trinity College of Arts & Sciences, School of Medicine, and Nicholas School of the Environment.
- **Financial support** - Duke MEMS provides tuition, stipend, and health insurance for all PhD students, plus travel and registration support for national and international conferences.
- **Internships** - MEMS PhD students are encouraged to explore industry and policy internships. Course credit is available.
- **A broad mentoring network** that includes your PhD advisor and an interdisciplinary mentoring team.
- **Great location** in Durham, N.C., part of the Research Triangle region known for technology, entrepreneurship, and quality of life.

LEADING RESEARCH AREAS

- **Aerospace Engineering**
- **AI for Materials**
- **Biomechanical Engineering**
- **Dynamics, Controls & Robotics**
- **Materials Science & Biomaterials**
- **Mechanics, Design & Computing**
- **Thermal Fluids & Energy**

WHERE OUR PHD GRADS GO

Duke MEMS has an excellent track record of placing graduates into engineering firms and as faculty at prestigious universities. View employment data at mems.duke.edu/grad/phd/outcomes

- **About 45% of MEMS PhD grads go on to positions in academia:**
Johns Hopkins University, Northwestern University, University of Texas at Austin, University of Michigan, Georgia Tech
- **About 55% of MEMS PhD grads go on to public or private sector career:**
Amazon, McKinsey & Company, NASA, SpaceX, Northrop Grumman, GE Research, U.S. Naval Research Lab

DUKE MEMS FACTS

- **Top 10 U.S. program in mechanical engineering faculty research productivity** (*Academic Analytics*)
- **Top 15 national university** (*U.S. News*)
- **Top 10 graduate engineering program popular with women** (*U.S. News*)
- **Home to two NSF Research Traineeships** (*Advancement of Surgical Technologies and AI for Understanding and Designing Materials*) and a *NSF-IRES* for research visits to Germany.

CONTACTS



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APPLY

Deadline: December 14

GRE optional for 2024

mems.duke.edu/phd

pratt.duke.edu