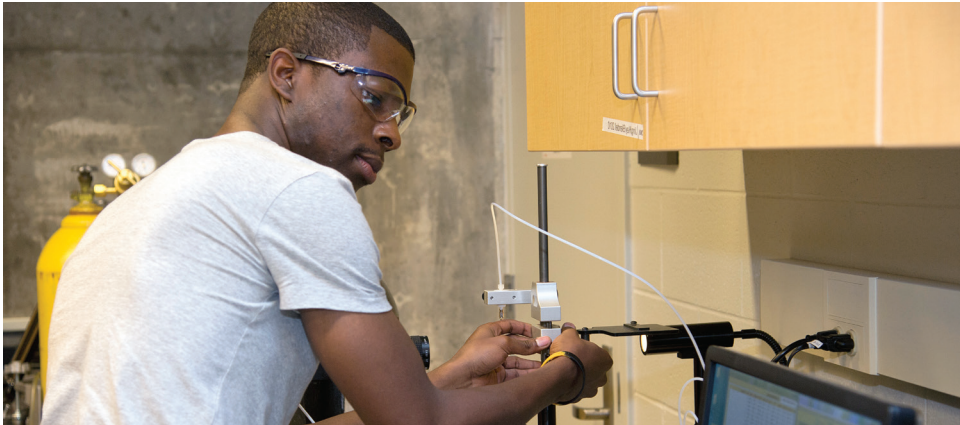


SCHOOL OF MATERIALS ENGINEERING



Materials Engineering is known for its hands-on, authentic, educational approach, providing an excellent learning environment while carrying out cutting-edge research that impacts the state, nation, and world. We're a place where you still make stuff — it's real-world materials engineering.

That's why students pick MSE at Purdue, and why employers return year after year to hire ready-to-work MSEs who have experienced a unique blend of fundamentals and practice. From lab classes where every student is casting a bronze ingot or running X-ray diffraction, to having our sophomores use cutting-edge computational materials tools in the world-class nanoHUB platform, Materials Engineering provides extensive student-faculty interactions for all of our students. Nowhere is this more clear than in our research activities: in addition to high-quality graduate students working with faculty, more than 50 percent of our undergraduates participate in mentored research before they graduate.

As growth in both the undergraduate and graduate programs has doubled over the past six years and continues to rise, we are looking for new ways to continue to provide the experiences needed to ensure every student has access and opportunities to personalize their education.

We are committed to transformative growth; we need to scale our systems so that the hands-on feeling of family our students, faculty, and alumni value remains the hallmark of the MSE program. And we're doing it in all classes of materials; metals, ceramics, polymers, composites, and electronic materials.

Our industry-sponsored senior design team projects have added an optional entrepreneurship component to help students pursue their dreams of starting engineering businesses. Our newly established undergraduate research fund supports student-faculty pairs to continue to discover and develop new materials and processing methods. Our investment in laboratory equipment

continues to grow so that both our undergraduates and graduate students are using the newest possible technology from the sophomore year to their PhD.

Through *Ever True: The Campaign for Purdue University*, MSE will be a leader in proving we can scale up our program without scaling down the one-to-one educational touch our alumni experienced and employers of our students tell us is the hallmark of our program.

HOW YOU CAN HELP

Please join us in ensuring Purdue MSE is the leader in innovative growth in our coupled educational and research efforts. Your support of key initiatives — student support, faculty support, and facilities and equipment (please see back) — provides the competitive edge.



CAMPAIGN INITIATIVES >

2012-2019 CAMPAIGN INITIATIVES

STUDENT SUPPORT

Undergraduate research fellowships ensure that resources are available to provide the tools and materials needed to keep these experiences at the cutting edge for an increasing student body.

Graduate research fellowships ensure that we can recruit the best students and provide them support throughout their advanced studies.

FACULTY SUPPORT

Faculty support for innovative **educational and research activities** allows us to expand course offerings and the research impact we make in all classes of materials.

FACILITIES AND EQUIPMENT

Equipment enhancements enable us to provide all students extensive and authentic access to the processing, characterization, and computational tools needed by the modern MSE.

