



Milwaukee School of Engineering

Research Experience for Undergraduates

A unique 10-week summer research program funded by the **National Science Foundation**, MSOE's Rapid Prototyping Center and the Center for Compact and Efficient Fluid Power

Program dates: **June 4 to August 12, 2017**

Application deadline: **March 17, 2017**

(Earlier application deadline for MSOE students applying for participation in international component)

Program Description

As part of MSOE's REU program, you'll conduct research projects advancing state-of-the-art applications in the biomedical, aerospace, manufacturing, mechanical, biomolecular, electro-optical, and fluid power industries. Your individual research project will be guided by an expert faculty. The interdisciplinary nature of this work opens minds and promotes creative solutions to problem solving. Hands-on access to additive manufacturing technologies and fluid power laboratories, close partnerships with advisors, industry mentors and other educational institutions, paired with a creative learning environment provides you with a high probability of success in research. Accepted candidates will participate 40 hours per week for the 10 week session. All students receive a stipend and travel allowance. On-campus room and board is provided. Additional opportunity to present at a national conference during the subsequent academic year is also available.



How to Apply? Please visit: <http://www.msOE.edu/academics/labs/reu-overview/>

The web page provides link to view prior projects and gives an overview of various cohorts of REU that will be involved in research experience together at MSOE.

Student Qualifications

- Completed the sophomore year of an engineering, pre-engineering or a science-based curriculum.
- Enrolled in a university for the fall term as a full-time student.
- Earned a GPA of 3.00 or greater.
- A U.S. citizen or permanent resident of the United States.
- Have an interest in research and in learning about additive manufacturing applications.
- Women, minorities and persons with disabilities are especially encouraged to apply.
- No experience in additive manufacturing is required.

Required Application Materials (Please note: Only complete applications will be reviewed.)

- One-page cover letter
- One-page resume
- One-page statement indicating your interest in *additive manufacturing*, and *undergraduate research*, as well as *why you should be selected as a participant*.
- TWO letters of reference (at least one from previous or current faculty)
- Your unofficial university transcript (include transcripts from each university you have attended) (**Official one will be required later for selected participants**)
- Application materials must be received by the specified due date via email (PDF package) or by postal mail.

Send your application materials by the application deadline to the Principal Investigator at this address/ email:

Dr. Subha Kumpaty, Milwaukee School of Engineering, 1025 N. Broadway, Milwaukee WI 53202

Questions? Contact Dr. Subha Kumpaty at kumpaty@msOE.edu.