

JUNE 4-AUGUST 10, 2012

NATIONAL SCIENCE FOUNDATION RESEARCH EXPERIENCES FOR UNDERGRADUATES

MINIATURE ROBOTICS

PROGRAM FEATURES

- 10-week research experience: June 4 to August 10, 2012
- Placement in a robotics lab with faculty and graduate student mentors
- Weekly research and development seminars
- Field trips to national labs doing work in miniature robotics
- All students receive a \$5,000 stipend, and non-local students will also receive housing and a travel allowance

HOW TO APPLY

Complete the application materials, available online at robotics.umd.edu/2012_REU/.

APPLICATION DEADLINE: FEBRUARY 15, 2012

Students from under-represented communities are encouraged to apply. Applicant **MUST** be a U.S. citizen or permanent resident.

FOR MORE INFORMATION

Visit our website for additional details, sample project descriptions, application materials, and more!

ROBOTICS.UMD.EDU/2012_REU/

Email your questions to REU-ROBOTICS@UMD.EDU

LOOKING FOR A RESEARCH CHALLENGE?

The University of Maryland's Maryland Robotics Center, with support from the National Science Foundation, is offering exciting research opportunities for undergraduate students in the area of miniature robotics. These small robots, with overall sizes between 1 mm and 100 mm, have the potential to significantly enable or enhance capabilities in manufacturing, medicine, reconnaissance, exploration, food safety, and search and rescue. Because of their size, miniature robotics offer a truly interdisciplinary systems research challenge that encompasses mechanical engineering, electrical engineering, materials science, and computer science—among other topics!



**MARYLAND
ROBOTICS CENTER**
THE INSTITUTE FOR SYSTEMS RESEARCH

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