



Welcome to the website of Mechanical Engineering Department at [Stony Brook University](#) . Mechanical engineering is one of the core and broadest engineering disciplines offering students a wide range of career choices; its strong and broad technical foundation provides opportunities in both engineering practice and scientific research as well as non-engineering fields such as business, law or medicine.

The mechanical engineering program is accredited by the Engineering Accreditation Commission of ABET, <http://www.abet.org> . Our [undergraduate program](#) is designed to provide students with the detailed mechanical engineering education and training required for immediate entry into the job market. At the same time, the curriculum maintains enough flexibility to enable students to fully prepare themselves for graduate studies and research careers. Mechanical engineering

[classes](#)

are taught by full-time

[faculty](#)

members and undergraduates are encouraged to work directly with the faculty in their technical electives. They also have the opportunities to participate in the Stony Brook University's

[URECA](#)

program and in national and international student engineering competitions. Our

[Senior Design](#)

experience offers

[students](#)

opportunities for solving real-world problems in a multi-disciplinary setting.

Our [graduate program](#) offers Masters and doctoral degrees in Design and Manufacturing, Computational and Experimental Solid Mechanics, and Fluid Mechanics, Heat Transfer and Thermodynamics. Our faculty members are involved in cutting-edge and cross-disciplinary [research](#)

in areas such as MEMS, Nanotechnology, Computer Aided Engineering, and Biomedical Engineering. Please read about our combined BE/MS Program

[here](#)

## Message from the Chair

Last Updated Wednesday, 10 September 2014 10:14

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While you are here, explore our website using the navigation provided and if you have a question, please do not hesitate to [contact us](#) .

Jeff Ge, ASME Fellow  
Professor and Interim Chair