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## Mechanical and Aerospace Engineering (MAE) Home

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# MECHANICAL AND AEROSPACE ENGINEERING



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### Chairman's Welcome

Welcome to the Mechanical and Aerospace Engineering (MAE) Department. I invite you to browse our web site and learn more about the exciting educational and research programs. We offer resident Master's and Doctoral degree programs in both Mechanical and Aerospace Engineering, and we provide distance learning programs, to several customers. We also conduct basic and applied research in a broad range of discipline areas, including Power and

Propulsion, Space Systems, Autonomous Vehicles and Control, Materials, and Computational Mechanics. [More...](#)

Please feel free to contact me if you have any questions. Thank you.  
 Knox T. Millsaps, MAE Chairman  
[millsaps@nps.edu](mailto:millsaps@nps.edu), (831) 656-2586

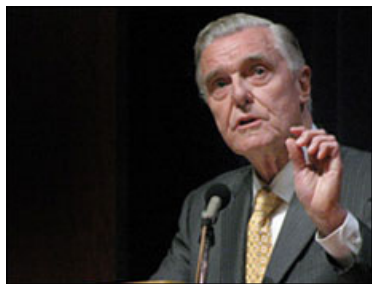
### Technology & Research Focus



#### Research Focus: Shock and Vibration Lab

MAE faculty members and students examine an imploded cylinder in the department's Shock and Vibration Laboratory. NPS hosted the 77th Shock and Vibration Symposium, held in Fall 2006. [Click to read more.](#)

### Distinguished Alumni and Faculty



**Admiral James Watkins, USN (Ret.)**  
**Secretary of Energy, 1989-1993**  
**Chief of Naval Operations, 1982-1986**  
**NPS Class of 1958**  
**Mechanical Engineering**

"In 1954, I made the decision to stay in the Navy because I was accepted at the Naval Postgraduate School. Several times throughout my career, my NPS education was critical, in one case probably saving the ship during an operational emergency at sea..." [Read More.](#)



**Rear Admiral Timothy V. Flynn III, USN**  
**NPS Class of 1993**  
**Mechanical Engineering**

"I encourage all Naval Officers to obtain a technical graduate degree from the Naval Postgraduate School. I earned a Master's Degree in Mechanical Engineering at NPS and have frequently drawn on the analytical thinking and technical problem-solving skills honed during the academic course work and under the mentorship of the world-class faculty". [Read More](#)



**CDR Michael S. Feyedelem, USN**  
**Commanding Officer**  
**USS PORTER (DDG 78)**  
**NPS Class of 1993**  
**Mechanical Engineering**

"Several years ago when I was a Division Officer, contemplating career options, I considered attending the Naval Postgraduate School. Although I had several options, for shore assignments, universities to attend, and areas of studies, I chose to pursue a Mechanical Engineering Masters Degree at NPS." [Read More](#)