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## AUSN & NAVY NEWS

### UNITED STATES NAVAL ACADEMY TOP HONORS GO TO CHRISTOPHER GALVIN

Ashley Kilgore posted on September 10, 2013 12:06 ★★★★★

**Story and photo by Lieutenant Teng K. Ooi, PhD, USNA/UCLA/VPI/UAH and Missile Defense Agency and Captain Linda J. Beltra, MD, Naval Hospital Jacksonville**

The Mechanical Engineering Department is proud to congratulate one of our distinguished graduates, Midshipman First Class Christopher Dean Galvin, who received the 2013 Admiral Frank B. Kelso II, Class of 1956 Award for standing first in the Order of Merit at graduation.

This award recognizes and honors Galvin's superior scholastic academic achievements, his demonstrated accomplishments in athletics and extracurricular activities, and his commitment to serve in the military.

As a Trident Scholar at the Naval Academy, Galvin completed a project titled, "The Effect of Unsteady Wakes on Turbine Tip Gap Leakage" with advisors Dr. Ralph Volino and Dr. Cody Brownell, Naval Academy Mechanical Engineering Department. "Chris has an incredible work ethic," noted Dr. Brownell. "He spent many long nights working in the lab and continually surprised me with how much he accomplished."

"Chris Galvin was a great student. He did well in all his courses and worked very hard on his research project all year. He obtained results that should be of great interest to NASA (the sponsor of the research) and to others in the gas turbine field. We expect to publish them in the coming year," said Dr. Volino.

Galvin graduated first in his class with a Bachelor of Science degree in Mechanical Engineering and will attend the University of Texas at Austin (UT Austin) as part of the Navy's Immediate Scholarships for Graduate Education Program. He will pursue a master's degree in Mechanical Engineering. Galvin received a Cockrell Engineering Fellowship, which will cover the full cost of his tuition. His research at UT Austin will be related to fluid dynamics and energy technology. After completing his degree he will enter the Navy's nuclear submarine community.

"I am honored and humbled to be the recipient of this prestigious award," said Galvin. "As a plebe, I never thought that I would be able to graduate first in my class, especially considering the caliber of the students in the brigade. I look forward to joining the submarine force and serving my country."

Galvin received the Admiral Frank B. Kelso II Award during the 2013 USNA Presentation of Prizes and Awards Ceremony on 23 May 2013 at Alumni Hall.

Additionally, Galvin received the Gardner L. Casket Memorial Prize, Veterans of Foreign Wars Prize, Lieutenant (Junior Grade) Patrick K. Inglis, USN, Memorial Award, Peruvian Naval Medal of Honor to Merit, Captain Frederick A. Edwards Sr., Class of 1923 Prize, Willie McCool "Willie's Mission" Cross Country MVP Award, and the U.S. Naval Academy Alumni Association Award.

## RELATED IMAGES



Photo caption: Midshipman First Class Galvin discusses problems encountered with particle image velocimetry due to complex geometries inside the wind tunnel with Dr. Brownell (background) and Dr. Volino.

Photo courtesy of Gin Kai.