



THE BRIGADIER GENERAL
BOYD WHEELER BARTLETT, USA,
HONOR AWARD

PRESENTED BY AFCEA



Academic Year
2020 – 2021

THE BRIGADIER GENERAL BOYD WHEELER BARTLETT HONOR AWARD

One of the highest honors AFCEA bestows, this award is presented annually at the five service academies: the U.S. Air Force, Military, Naval, Coast Guard, and Merchant Marine Academies.

The program was established in the late 1940s to recognize the top graduate from the Department of Electrical Engineering (now the Electrical Engineering Program) at each academy. The current award is a Chelsea quartz ship's clock, personally engraved with the recipient's name. Each recipient is selected by his or her academy.

Named the "Brigadier General Boyd Wheeler Bartlett, USA Honor Award" in 1981 at the U.S. Military Academy, the AFCEA award for excellence in electrical engineering has been a tradition at West Point since 1948 when the award was a Hallicrafters radio, model SX-42, a single-conversion general-coverage receiver for AM, FM and continuous wave transmissions.

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For the Class of 2021, the Brigadier General Boyd Wheeler Bartlett Honor Award is presented to CDT Curtis Manore. CDT Manore has demonstrated excellence across the spectrum of academics, including research. He completed the Robotics depth option, the Robotics minor and earned the “with Honors” designation in the electrical engineering major. Curtis was not only first in many of the courses in the Electrical Engineering program, but he made significant research contributions with work on small unmanned aerial systems (sUAS). His publication, “Maximizing Object Detection Using sUAS” detailed his novel implementation of a convolutional neural network to improve object detection for SUAS applications and was published at the Thirteenth International Conference on Machine Vision. Curtis excels in extra-curricular activities as well. He is an inducted member of the Phi Kappa Phi and Tau Beta Pi honor societies. Curtis won a graduate fellowship from MIT-Lincoln Laboratory and will attend Northeastern University’s program for Master of Science in Robotics upon graduation. After graduate school, he will join the operational Army as an Infantry officer and post to Vicenza, Italy.



Cadet Curtis Manore (middle) with his Squad with Autonomous Teammates
– Challenge (SWAT-C) capstone Team

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Cadet Curtis Manore, recipient of the
2021 Brigadier General Boyd Wheeler Bartlett, USA Honor Award