

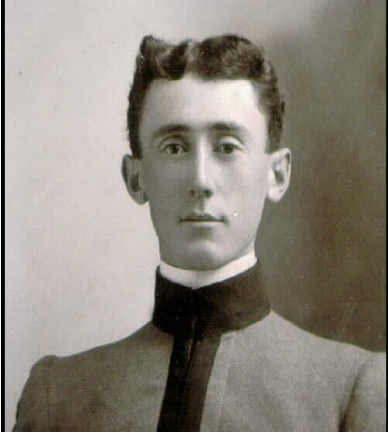


THE BG CLIFTON CARROLL CARTER MEMORIAL AWARD



Academic Year
2020 – 2021

THE BG CLIFTON CARROLL CARTER MEMORIAL AWARD



BG Clifton Carroll Carter (1867-1950) was a Professor at the US Military Academy in the Department of Natural Philosophy and Science from 1917 to 1940.



In 1962 his sons, Clifton Coleman Carter ('26) and LTG Marshall S. Carter ('31),

memorialized their father through the establishment of an award for excellence in mechanical engineering. BG Carter's grandson, Marshall N. Carter ('62) continues the family tradition of supporting this memorial to his grandfather—it has since moved to the Department of Electrical Engineering and Computer Science from the Department of Civil and Mechanical Engineering (the successor to the Department of Natural Philosophy).

BG Carter graduated from USMA in 1899 ranked 21st in his class of 72 and branched Coast Artillery. Historians among us may recall that USMA graduated its cadets in February of that year due to the Spanish-American War. He served in Cuba from 1899-1901 as the chief ordnance and signal officer as well the aide de camp to General Leonard Wood in Cuba. He served on the General Staff in the Department of Hawaii from 1911-1912, was the President of the Coastal Artillery Board in 1913 and began service at USMA in 1914 as Adjutant. In 1918, he served as a special observer in France. BG Carter was also an accomplished academic, earning his Master of Science from Massachusetts Institute of Technology in 1909 in only 10 months—the first person ever to do so. BG Carter also wrote one of the first textbooks on aeronautical engineering entitled "Simple Aerodynamics and the Airplane." Soon after retirement, and after the start of WWII, BG Carter accepted an invitation to join the Aircraft Industries and Cal-Aero Academy as Assistant to the President and general coordinator of flying training and technical school activities.

BG Carter married Miss Mai Coleman in October 1902.

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The BG Clifton C. Carter Memorial Award for the class of 2021 is presented to Cadet Alexander Heldstab.

The BG Clifton C. Carter Memorial Award is presented annually to the cadet who best represents Excellence in Cyberspace Operations. The assessment is determined by a panel of EECS faculty and recognizes the Cadet that has contributed the most in support of the Cyber Research Center mission. He made a significant impact to the Cadet Competitive Cyber Team (C3T) as the team captain, the Cyber Research Center through his scholarship, and the EECS Department as a mentor/advisor to Cadets in CS489 Independent Studies focused on penetration testing.



Cadet Alexander Heldstab with his Capstone Team, DREAD, at the EECS Projects Day, 29 April 2021.

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