

Matthew B. Williams, Ph.D.
Commander, United States Coast Guard

Work Address

Department of Mathematics
U.S. Coast Guard Academy
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Home Address

28 Giovanni Drive
Waterford, CT 06385
(781) 733-0311

EDUCATION

Doctor of Philosophy, Industrial Engineering
Northeastern University May 2022

Master of Science, Computer Science specializing in Computational Operations Research
The College of William and Mary May 2013

Bachelor of Science, Operations Research and Computer Analysis
United States Coast Guard Academy May 2007

PROFESSIONAL EXPERIENCE

Permanent Commissioned Teaching Staff August 2016 - Present
U.S. Coast Guard Academy

- Teaching
 - Discrete-Event Simulation (course coordinator)
 - Intermediate Deterministic Models (course coordinator)
 - Decision Models (course coordinator)
 - Operations Analysis (lead capstone advisor)
 - Differential Equations (course coordinator)
 - Multivariable Calculus (course coordinator)
 - Calculus II (course coordinator)
 - Calculus II for Validators (course coordinator)
 - Calculus I
- Service
 - Faculty Senate (2016-2018)
 - Superintendent's Equity Advisory Council
 - Genesis Council (lead advisor)
 - Tennis Team (assistant coach)
 - Crossfit Club (lead advisor)
 - Coastal Sailing Training Program (CSTP) OIC
 - Hiring Committees (member of one tenure-track search, chaired two time-limited searches)
- Scholarship
 - Finding Resilient Matchings in the Capacitated House Allocation Problem with Ties and Conflicts (Williams, M; Ergun, Ö, pending submission)
 - Finding Fair Matchings for the Capacitated House Allocation problem with Ties, Conflicts and Priorities (Williams, M; Ergun, Ö, pending submission)

Rotating Military Faculty
U.S. Coast Guard Academy

May 2013-August 2016

Weapons Officer
U.S. Coast Guard Cutter CHASE (WHEC-718)

May 2009 - July 2011

Deck Watch Officer
U.S. Coast Guard Cutter ELM (WLB-204)

June 2007 - April 2009

HONORS/AWARDS

- U.S. Coast Guard Commendation Medal May 2018
- ADM Zukunft Commitment to Excellence Award April 2015
- Superintendent Award for Excellence April 2014
- Selected by CGA Senior Leadership as a Distinguished Graduate of the Academy for the 2000's decade. October 2013
- Selected by USCGA Alumni Association as a "Alumni of Distinction" September 2013

CERTIFICATIONS/VOLUNTEER WORK

- Certified Analytics Professional, INFORMS 2019-2022
- Board of Directors, U.S. Coast Guard Academy Alumni Association 2016-2020
- Board of Directors, Treasurer, Child and Family Agency of SE Connecticut 2021-Present