

US Coast Guard Academy Honors Program

NEWSLETTER – FALL 2016

Dr. Alina M. Zapalska, Director, Honors Program



CONGRATULATIONS ON COMPLETING THE 2017-2018 RHODES AND FULBRIGHT APPLICATION CYCLE

THE 2017-2018 USCGA RHODES SCHOLARSHIP APPLICANT – FALL 2016

**2017-2018 Rhodes Applicant
University of Oxford, UK**



ENSIGN Jacquelyn Kubicko, Class of 2016 - Marine and Environmental Science

ENS Kubicko is a 2016-2017 UK Fulbright scholar and she is currently pursuing a Master of Research degree in Ocean Science at University of Southampton (UoS), Southampton, UK. ENS Kubicko's research at UoS is important because it investigates methods of monitoring both temperature and flow of the Gulf Stream, and is consistent with the Coast Guard's climate change initiatives.

ENS Kubicko has just placed her 2017-2018 Rhodes application to pursue a Doctor of Philosophy in Atmospheric, Oceanic, and Planetary Physics at Oxford University. She has been invited to conduct research at Oxford University by Professors David Marshall and Laure Zanna who are leading world-scholars in an area of ocean climate science and physical oceanography. Her Rhodes application was also supported by Dr. Walter Munk, Scripps Institution of Oceanography, who is recipient of the 2000 Craford Prize in Geosciences, widely considered to be the equivalent to the Noble Prize in Physics.

As a Rhodes Scholar at the University of Oxford, ENS Kubicko would like to focus on the Southern Ocean which is known to be of huge importance for update of anthropogenic heat and carbon. Changes in air-sea fluxes of momentum, turbulent ocean eddies, and with heat and salt content in this region have the ability to affect global heat content on relatively short time scales, making this an important topic to examine within the climate science community.

THE 2017-2018 USCGA FULBRIGHT SCHOLARSHIP APPLICANTS – FALL 2016

**2017-2018 Fulbright
Applicant - Netherlands**



1/c Patrick Ledzian, Class of 2017 – Electrical Engineering

1/c Ledzian has applied for an Open Study/Research Fulbright Award in Netherlands in order to pursue a two-year Master of Science degree in Systems and Control at the Technical University of Delft (TU Delft) in Delft, Netherlands. As a Fulbright scholar at TU Delft, he is interested in building a fault tolerant intelligent control system that can operate safely, efficiently, and reliably in an unpredictable environment. 1/c Ledzian has been invited to conduct research at TU Delft by Professor Hans Hellendoorn, the Department Chairperson of the TU Delft Center for Systems and Control (DCSC) and Professors Tamas Keviczky and Alsonso Mora from TU Delft who have agreed to supervise his project. The project will also be conducted collaboratively with the scholars from the Robotics Institute at TU Delft.

As a Fulbright Scholar at the Technical University at Delft, outside of academics 1/c Ledzian would like to engage with the community by teaching chess and competing with international players

**2017-2018 Fulbright
Applicant- Iceland**



ENSIGN Chris DiBari, Class of 2016 – Government

ENS DiBari is currently assigned to the USCGC HEALY (WAGB 20) as a Deck Watch Officer.

ENS DiBari has filed a Fulbright application to pursue a Master of Arts degree in Environment and Natural Resources with a concentration in Natural Resource Management at the University of Iceland. As a Fulbright scholar, ENS DiBari plans to study Arctic fisheries management strategies and policies. His research thesis will focus on examining current management strategies that apply to mackerel stock in the North-East Atlantic (NEA). The goal is to propose a fisheries management plan for the NEA coastal states in order to promote sustainable fisheries management practices through international cooperation between Iceland and the NEA coastal states.

As a student at the University of Iceland, ENS DiBari hopes to be involved in the student council; the University Student Theater; and join the community rugby team, the Reykjavik Raiders.

Fulbright Scholar- FINLAND

ENSIGN Stephen Horvath is in his second year of study toward a Master of Science degree in the Energy Technology program at Lappeenranta University of Technology in Lappeenranta, Finland. ENS Horvath is currently undertaking the following graduate courses: Electricity Market, Turbomachinery, Turbomachinery in Renewable Energy, Membrane Technology, Crystallization, and Energy Recovery from Solid Waste. His Master's thesis is on determining how the shipping industry might become de-carbonized from a transportation perspective or at least become carbon neutral by the year 2050.

The Academy's Honors Program Internships and Fellowships



ENS Horvath and Dr. Zapalska meeting in Stockholm Sweden last June.

JINSA Military academies program - ISRAEL TOUR

The JINSA Military Academies Program in Israel is a two-week program for cadets and midshipmen attending the U.S. Military Academy, the U.S. Naval Academy, the U.S. Air Force Academy, and the U.S. Coast Guard Academy. The program builds bridges for future associations between the U.S. Armed Forces and the Israel Defense Forces. During their time in Israel, the cadets and midshipmen meet with experts from academia, think tanks, and the private sector to receive briefings covering a broad spectrum of subjects related to security, society, and contemporary life in Israel. They also learn about the Israel's history and current events in the Middle East.

The 2016 JINGSA Internship Fellows: 1/c Jonathan Dillard and 1/c John Gulick

American Service Academies Program Internship

The American Service Academies Program is a three-week educational initiative that was created by the Auschwitz Jewish Center specifically for a select group of cadets and midshipmen from the four U.S. military academies. The program focuses on the Holocaust and related contemporary moral and ethical dilemmas and provides an authentic learning experience for future military officers extending beyond what they are taught in the classroom.

The 2016 ASAP Internship Fellow: 2/c Irene Martorell Crespo

Saratoga Fellows Program

The Saratoga Fellows Program provides a post-undergraduate educational and professional experience for officers in the Armed Forces of the United States. The program is designed to broaden each fellow's understanding of our country's intellectual and moral traditions. That understanding addresses the ability to engage in public discourse and thus it strengthens an officer's calling to public service.

Saratoga Fellows: 2016: ENS Micaela Crabtree and ENS Paul Puddington

<p>2016 Saratoga Fellow</p> 	<p>ENS Micaela Crabtree Class 2016 Mechanical Engineering</p> <p>ENS Crabtree is currently assigned to the USCGC TAMPA in Portsmouth, Virginia as a Law Enforcement officer.</p>	<p style="text-align: center;">Saratoga Fellowship 2016 Recap</p> <p>Eight fellows participated in the 2016 Saratoga program at the John Jay Institute. Two, Ensign Micaela Crabtree and Ensign Paul Puddington represented the United States Coast Guard Academy.</p> <p>During their six-week residency in Philadelphia the fellows were instructed in virtue, character, ethics, and leadership as well as topics involving culture, politics, war, and the American order. The fellows toured Olde City Philadelphia, Gettysburg Battlefield, Washington's Crossing National Historic Site, Valley Forge, and were provided an opportunity for a behind the scenes visit to a top secret national security facility in Washington, D.C.</p> <p>Instructors with extensive background in the historical significance of these locations led these excursions. The officers also hosted weekly teas and formal dinners to entertain dignitaries, friends of the Institute, and members of the community. The Saratoga Fellows also participated in a National Security Symposium while they visited Washington, D.C. Speakers at the symposium were from the Intelligence Community and had specialties in defense, military history, and foreign affairs.</p>
<p>2016 Saratoga Fellow</p> 	<p>ENS Paul Puddington Class 2016 Civil Engineering</p> <p>ENS Puddington is currently assigned to the USCGC STRATTON in Alameda, California as a Deck Watch Officer.</p>	

Any cadet interested in applying for the above internship/fellowship programs please contact Dr. Zapalska.