

Navy Announces 2015 CNO Environmental Award Winners

Annual Awards Recognize Outstanding Environmental Stewardship

VICE ADMIRAL (VADM) Phil Cullom, deputy chief of naval operations for fleet readiness and logistics (N4), announced 29 winners of the fiscal year (FY) 2015 Chief of Naval Operations (CNO) Environmental Awards competition in a naval message on February 22.

The CNO Environmental Awards are an annual recognition program that highlights the accomplishments of nominated ships, installations, and individuals for exceptional achievements in environmental stewardship. The FY 2015 winners, listed alphabetically within each category, are shown below.

Natural Resources Conservation, Small Installation

- Commander Fleet Activities Yokosuka, Japan
- Naval Air Facility Atsugi, Japan
- Pacific Missile Range Facility Barking Sands, Hawaii

Natural Resources Conservation, Individual/Team

- Ian Trefry of Portsmouth Naval Shipyard, Kittery, Maine
- Naval Air Station Oceana and Naval Air Station Hampton Roads NW Annex NR Support Team, Virginia
- Southwest Marine Biology Team of Navy Region Southwest and Naval Facilities Engineering Command (NAVFAC) Southwest, San Diego, California

Environmental Quality, Non-industrial Installation

- Naval Medical Center Portsmouth, Virginia
- Naval Support Activity Mechanicsburg, Pennsylvania
- Navy Region Center Singapore

Environmental Quality, Individual/Team

- Commander Fleet Activities Yokosuka Public Works Department Environmental Management Division Team, Japan
- Naval Station Norfolk Environmental Compliance Team, Norfolk, Virginia
- NAVFAC Northwest Environmental Management System Team, Silverdale, Washington

Sustainability, Industrial Installation

- Fleet Readiness Center Southeast, Jacksonville, Florida
- Fleet Readiness Center Southwest, San Diego, California
- Naval Supply Systems Command Fleet Logistics Center San Diego, California

Environmental Restoration, Installation

- Joint Expeditionary Base Little Creek-Fort Story, Norfolk, Virginia
- Portsmouth Naval Shipyard, Maine

Environmental Restoration, Individual/Team

- Naval Base Ventura County Environmental Restoration Team, San Diego, California
- St. Juliens Creek Annex Environmental Restoration Program Partnering Team, Virginia Beach, Virginia
- Vieques Environmental Restoration Program Team, Puerto Rico

I applaud all of the nominees for their tireless commitment to preserving resources and bettering the environment.

—Vice Admiral Phil Cullom

Cultural Resources Management, Large Installation

- Naval Air Station Fallon, Nevada
- Naval Support Activity Crane, Indiana
- Naval Weapons Station Yorktown, Virginia

Environmental Excellence in Weapon System Acquisition, Large Program

- P-8A Environment, Safety, and Occupational Health Team, Patuxent River, Maryland

Afloat

- Large Deck Combatant: USS Carl Vinson (CVN 70)
- Littoral or Amphibious Warfare: USS Sentry (MCM 3)



MC3 Ashley Hedrick



MC3 Zachary A. Kreitzer



MC2 Martin L. Carey



MC3 Ricardo R. Guzman



MC3 Class Eric Coffey

CLOCKWISE FROM TOP LEFT: USS Tennessee (SSBN 734), USS Emory S. Land (AS 39), USS Chafee (DDG 90), USS Carl Vinson (CVN 70), and USS Sentry (MCM 3) were all winners of FY 2015 CNO Environmental Awards in the "Afloat" category.

- Military Sealift Command: USS Emory S. Land (AS 39)
- Surface Combatant: USS Chafee (DDG 90)
- Submarine: USS Tennessee (SSBN 734)

VADM Cullom commended the awardees in his message announcing the winners.

"I would like to extend my thanks and congratulations to all of the fiscal year 2015 Environmental Award winners. Your efforts not only embody the environmental stewardship ethic, but also aid in fulfilling the Navy's national security mission. I applaud all of the nominees for their tireless commitment to preserving resources and bettering the environment."

Winners of the CNO Environmental Awards will advance to the Secretary of the Navy level of competition to compete with U.S. Marine Corps nominees.

For more information on the CNO Environmental Awards program, visit <http://greenfleet.dodlive.mil/environment/awards>. 

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Naval Academy Professors Team Up to Address Energy Security

Energy Security Demands an Interdisciplinary Approach

IN THE FALL semester of 2015, a group of U.S. Naval Academy professors collaborated to offer a unique approach to teaching energy policy.

The elective brought together professors from Economics, Oceanography, Political Science, and Mechanical Engineering to address the issue of energy security. It was the first course at the Naval Academy to span three academic divisions and four different academic departments.

A total of sixty-eight midshipmen took the class, meeting both as a large group for overview lectures on topics, and in discipline-specific sections for deeper discussions related to the midshipmen's major.

"Our goal was to educate upper-level midshipmen with a high-level view of energy analysis, policy, and security, and in particular, to show how energy issues affect critical missions of the U.S. military and U.S. national security," said mechanical engineering professor and Department Chair Karen Flack, who organized the effort.

The course was divided in four major sections: Overview and Introduction, Fossil Fuels, Nuclear Power, and Renewable Energy. Specific topics included underlying energy science, best estimates of energy supplies and current usage profiles, energy policy trends, current and developing energy technologies, the economics of energy development and usage, and the competing interests and worldviews that drive the energy policy debates.

"Underlying all these topics was the question, 'how do innovation, policy, technology, and economics of energy affect the ability of the U.S. military to successfully and efficiently succeed in its various missions?'" said Flack.

The professors who taught the course knew that teaching a course with this many moving parts was going to be a challenge, but they believed the rewards to the students were well worth the extra effort.

"Energy security is an inherently interdisciplinary issue and demands an interdisciplinary approach," said political science Professor Howard Ernst, who was one of the course's co-instructors. "This was the central vision that we all shared. Our objective was to design a course around this central idea. The challenge was to make sure the course was better than the sum of its parts."

To help achieve this synergy, the professors decided to divide the students into interdisciplinary teams that worked on assignments related to the energy analysis of a specific country, ranging from Pakistan to Korea to France.

"The small teams, what we called core learning groups, forced the students to work across disciplines and gain a holistic understanding of the energy security issues in their assigned countries," said Professor Kurtis Swope, Economics Department Chair and co-instructor of the course.

The course was also designed to expose students to high-level leaders in the energy security field. To achieve this end, prominent guest speakers included:

1. Assistant Secretary of the Navy for Energy, Installations & Environment Dennis McGinn
2. Colonel Jim Caley, director of the U.S. Marine Corps Expeditionary Energy Office
3. Mr. Paul Kolbe, director of international security affairs for British Petroleum

For More Information

FOR MORE INSIGHTS into Secretary McGinn's and Colonel Caley's perspectives on energy security, read our spotlight interviews in the winter 2014 and summer 2014 issues of *Currents* respectively. You can find these interviews and browse the *Currents* archives at the Department of the Navy's Energy, Environment and Climate Change website at <http://greenfleet.dodlive.mil/currents-magazine>.



Assistant Professor Joe Smith, co-instructor of the course from the Oceanography Department, organized a day-long session with energy security leaders at the Department of State.

“It was important for us to go beyond classroom discussions and expose our students to energy leaders who address these issues on a daily basis,” said Smith. “Our partners in the Pentagon and State Department were incredibly generous with their time.”

The final culmination of the course was a student-led poster presentation to faculty and Navy energy leaders.

“While the course took months of planning and long hours to implement, it was a tremendous success. The students gained insights that they could not have gained in the traditional single discipline class,” said Associate Professor Patrick Caton a co-instructor of the course from the Mechanical Engineering Department. “As a faculty member, I was energized by the collaborative experience and look forward to being part of the team again in the fall of 2016.” 

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Tell Your Story in *Currents* • Deadline for Fall 2016 Issue is July 15, 2016

Have some good news about your energy or environmental program? Want to share it with others? *Currents* is the place to do it. *Currents*, the Navy’s official energy and environmental magazine, has won first place in the Navy’s Chief of Information (CHINFO) Merit awards competition three times. Most recently, the magazine snagged an honorable mention in the 2014 competition. Its people like you and the stories you submit that make *Currents* the best magazine in the Navy.

So if you have a story that you’d like us to promote in our fall 2016 issue, submit your text and images by Friday, July 15, 2016. Any submissions received after this date will be considered for our winter 2016-17 issue.

You can get a copy of the *Currents* article template by sending an email to Bruce McCaffrey, our Managing Editor, at brucemccaffrey@sbcglobal.net. This template has proven to be a tremendous asset in helping us edit and track your article submissions. Bruce is also available at 773-376-6200 if you have any questions or would like to discuss your story ideas. And don’t worry. If writing isn’t one of your strengths, we’ll handle all of the editing necessary to get your submission into publishable form.

As a reminder, your Public Affairs Officer must approve your article before we can consider it for inclusion in the magazine.

Don’t forget to “like” us on Facebook at www.facebook.com/navycurrents. *Currents*’ Facebook page helps expand the reach of the magazine and spread the news about all the great work you’re doing as the Navy’s energy and environmental guardians.

Currents Deadlines

Fall 2016 Issue: Friday, July 15, 2016
 Winter 2016-17 Issue: Friday, October 21, 2016
 Spring 2017 Issue: Friday, January 20, 2017
 Summer 2017 Issue: Friday, April 21, 2017

You can also refer to your *Currents* calendar for reminders about these deadlines.

Currents History of Awards

2014	Russell Egnor Navy Media Award	Honorable mention in “Funded News Publication” category
2011	CHINFO Merit Award	First place medal (“Best magazine in the Navy”)
2008	CHINFO Merit Award	First place medal (“Best magazine in the Navy”)
2004	CHINFO Merit Award	First place medal (“Best magazine in the Navy”)
2004	Department of Defense Thomas Jefferson Award	First place medal (“Best magazine in the Department of Defense”)
2003	CHINFO Merit Award	Second place medal
2001	CHINFO Merit Award	Third place medal