

NPS Attends ONR Science and Technology 2008 Conference

By MC2 (SW) Corey Truax

Naval Postgraduate School representatives recently attended the Office of Naval Research (ONR) Naval Science and Technology (S&T) Conference 2008, joining professionals from Department of Defense (DoD), private industry, small business and academia to look for possible opportunities for synergy between them and also work with ONR's principal S&T decision makers.

The conference kickoff was held at the Marriott Wardman Park hotel in Washington, D.C., Aug., 12 and Rear Adm. William Landay III, Chief of Naval Research at ONR, welcomed attendees with a keynote address.

In his address, Landay stressed the importance of the conference. "This is about relevant research. This is about taking that great science that we discover, that great science that we're able to foster and turn that into capability in the hands of the warfighter, capability in the hands of the Navy and Marine Corps, in order to be able to support what they do."

The partnership conference offered members of the science and technology industry the unique opportunity to network with like-minded professionals from a wide range of organizations and disciplines committed to the exploration and discovery of new and promising innovations.



Chief of Naval Research Rear Adm. William E. Landay III provides the opening presentation during the Office of Naval Research 2008 Science and Technology Partnership Conference at the Marriott Wardman Park Hotel in Washington D.C.

"We are interested in tapping into all the science and technology we can find," said Landay. Wherever the best stuff is, ONR wants to go get it."

Vice Adm. John C. Harvey, Director, Navy Staff, also emphasized the importance of S&T in his keynote address on the second day of the conference. "There are rapidly emerging threats to which we must

be able to quickly respond, developing the technology which will allow us to, early on, detect and counter these threats will be truly critical to our ability to defend our homeland," he said.

Answering the summons for the S&T event were 1,300 people, a number that more than doubled the amount of attendees at last year's conference, and displayed the

increasing need to make forward-looking investments in defense-related technologies.

"The conference brought together all the companies and DoD labs that are partnering with ONR to push the S&T to the edge," explained Phillip Pace, a Professor in the Department of Electrical and Computer Engineering. "NPS presence at the conference was critical

since ONR is a large sponsor for many NPS projects."

NPS influence in S&T was evident by the large number of active duty, retired and civilian NPS alumni attending the conference.

"It was good and exciting to see so many alumni at the conference who were still interested in what NPS is doing," said Kari Miglaw, Director of NPS Alumni Relations. "It was a great opportunity to inform them of the online NPS Alumni Community and also let them know about the upcoming Centennial Celebration."

The event also included the 2008 Chief of Naval Research (CNR) Challenge which will award a total of \$1 million for innovative technology ideas. The challenge allows ONR to support up to 10 awards, each totaling \$100K, to provide seed money for science and technologies suitable to ONR's research opportunities. Winners will be identified in September.

For more information about the CNR Challenge, visit the ONR website at www.onr.navy.mil and for more information about the NPS Alumni Organization, visit <http://www.nps.edu/Alumni/index.html>.

Audio and video recordings of convention sessions are available by contacting ONR's Office of Corporate Strategic Communications at onrpao@navy.mil.

Express Bus Route Begins September 2

The NPS Parking Committee has been working hard over the past year to find solutions to the limited space for vehicles on base. The committee, working closely with the Naval Support Detachment's Public Works and Security Departments, has taken great strides to execute parking area expansion initiatives.

Parking has been a huge problem on the NPS campus since the increased Force Protection requirements were applied after 9/11. The Parking Committee was created in order to alleviate the parking crisis without compromising the facilities' beautification process. Over the past year, the committee has helped Public Works create 90 additional parking spots for open use.

In addition to increasing the vehicle capacity on campus, the park-

ing committee took the initiative to find alternative transportation for the NPS community. A sub-committee was formed to research transportation incentives in order to reduce the number of privately-owned vehicles on campus. The committee explored several areas, but focused on the utilization of the public transit system.

Pete Randazzo, Stephanie Brown, Michael Trochez and Gustavo Vergara volunteered to research the new initiatives. They worked hard to establish the first ever NPS partnership with Monterey Salinas Transit (MST) for a new direct bus route to service the military housing communities. Through the use of vouchers from the Transportation Incentive Program (TIP) sponsored by the Department of Transportation, DoD students and staff are able to ride the

bus free.

The NPS express bus route will begin on Sept. 2. It will run three times in the a.m. and three times in the p.m. The bus will make stops at Le Mesa community, the Fort Ord communities, the Gigling Rd. DoD complex, and NPS. Additionally, there will be a park and ride established at the Dunes shopping plaza in Marina. This is an excellent opportunity to save money, reduce your carbon footprint, and reduce the stress of paying parking tickets on campus!

For more information about the NPS express program, please contact Pete Randazzo at Ext. 2400. For information about the TIP voucher program, please contact Michael Trochez at Ext. 3623. For suggestions regarding parking on campus, please contact Dennis Coen at Ext. 1925.

Golf Course Annex Upgrade

ITACS is installing fiber between GSEAS' experimental research facilities, including a Turbo/Jet propulsion lab and a free electron laser lab, and the MWR-related spaces at the Monterey Pines Golf Course Annex.

This installation will allow the set up and operation of a 10-gigabit/sec. backbone, with 1-gigabit/sec. potential at every network connection. Connectivity to the Monterey Peninsula DoD-Net, a communications infrastructure that links the Department of Defense properties throughout the Monterey region, will also be upgraded to 10-gigabit/sec. This is to replace the annex's existing communications structure, which currently connects to NPS over the Monterey Peninsula DoD-Net infrastructure through a much slower port.

The network upgrade will greatly increase the productivity and value of the academic labs that reside at the Monterey Pines Golf Course Annex. It will also increase the functionality of the surrounding public areas used by MWR and NPS personnel. Users can expect network stability, wireless capabilities and coverage, increasing connectivity speeds and connections to the MP DoD-Net, and other supporting functions such as VoIP telephone services. The improved infrastructure will easily support increased backbone and port speeds and advances in new technologies. Improvements in wireless access within the labs and the implementation of directional antennas to provide outdoor wireless access for the campground are also included in the project. The installation is scheduled for completion in early fall 2008.

IN BRIEF

- ♦ The Architectural Review Council has approved the installation of eight Centennial banners on Del Monte Ave, which will be installed in the next couple of months.
- ♦ ITACS has installed a high-technology film on the bank of windows in the NPS Data Center, an energy-saving project which will eliminate 99.9% of the ultraviolet light, 80% of the solar heat gain and 74% of the total solar energy. The installation qualified NPS for a PG&E rebate, which, in combination with expected reductions in energy bills, the potential of the extended life-expectancy of equipment and cabling, and increased security. This means that the Data Center Window project will benefit NPS through reductions in the costs of its operations.
- ♦ Since June 2008 nearly 10,000 visitors saw Relive the Magic: Hotel Del Monte at the Maritime and History Museum in Monterey. The exhibition was on view all summer and featured historical artifacts from NPS Special Collections and the private collection of NPS bartender Pete Charette. NPS will collaborate with the Maritime Museum again in 2009 with a special exhibition kicking off the school's centennial celebration. NPS is collaborating with SPAWAR to offer Ph.D. and Master's degree research programs for DOD civilians and contractors at the Defense Acquisition University in San Diego. More bandwidth has been added and two full-service VTC classrooms have been upgraded to accommodate fall 2008 students.

WASC Update

- ♦ The Capacity and Preparatory Review report is in draft form and available for campus review. Please see http://intranet.nps.edu/WASC/docs/CPR_Draft_Campus.pdf for the document and send any comments to Dr. Fran Horvath at rfhorvat@nps.edu

Message From University Librarian, Eleanor Uhlinger



The Dudley Knox Library is people, portal and place. High-quality information and services are delivered by the Library - anywhere, anytime. Using input and feedback from the NPS community, we are continuously assessing our progress and transforming continually to support the research and instructional needs of our students, faculty and staff.

The Library constantly evaluates collections and services to fulfill the 24/7 needs of our globally-disseminated patrons. Wherever possible, we are aggressively moving from print to online content (databases, e-books, e-journals and e-government documents) and even NPS graduates can stay connected via *DKL Alumni Access*. We regularly update our information-rich website <http://www.nps.edu/library> to present a full range of resources and services.

Patron-initiated lending and document-delivery services make it possible for library staff to quickly deliver critical information to community members around the globe. Librarians teach in the Library, classroom or the National Capitol region; in person or via video-tele-education, *Elluminate* and streaming media; and they provide just-in-time instruction through web-based guides, presentations and tutorials. Dudley Knox reference librarians are accessible in person, or via chat and email using *Ask a Librarian Live* and beginning Fall Quarter, they will offer reference services on Sunday afternoons.

Physically, we are remodeling library spaces and shifting collections to create flexible student spaces and to separate quiet study zones from high-activity areas like circulation, reference and the new copy/print/scan center. In part-

nership with ITACS, we continue to upgrade and technology-enable study rooms in both public and restricted areas to provide interactive group collaborative spaces. Staff offices are being consolidated to repurpose limited space for patron use. Finally, joining forces with campus deferred maintenance and landscaping initiatives, we are revitalizing the Library entry to create new informal gathering places—inside and out—while at the same time improving building access and collection security. These projects are responsibly recycling and reusing many existing building materials and ‘greening’ the paved courtyard between the Library, Root and Ingersoll Halls.

In summary, the Knox Library is transforming to meet your information needs. Please let me know how we’re doing—I always welcome your feedback!

Announcements

Ms. Valerie Moule has been appointed an Associate University Librarian in the Dudley Knox Library. Ms. Moule has experience as a naval officer, in management-specialty in Manpower, Personnel and Training Analysis and administrative experience in IT and educational support at NPS, and has earned Master’s degrees in National Security and Strategic Studies from the Naval War College.

Dr. Bruce Vu has been selected as the Michael J. Smith and William C. McCool Chair Professor for Space Systems. This Chair position is jointly sponsored by NPS and NASA, and was created in 1995 to honor the memory of astronaut Capt. Michael J. Smith, an NPS alumnus. The name of this position was amended in 2005 to honor the memory of as-

tronaut Cmdr. William C. McCool, also an alumnus of NPS. Vu holds a Ph.D. in Aerospace Engineering from Mississippi State University, M.S. in Mechanical Engineering from University of Alabama in Huntsville, and B.S. in Aeronautical and Mechanical Engineering from University of California, Davis. The previous Chair, Dr. Joe Bonometti, has returned to his current position at the NASA Marshall Space Flight Center as the Lead Systems Engineer for the Ares 1-Y Flight.

GSBPP Department of Navy

Length of Federal Service Awards:

Keebom Kang, 20 years; Area Chair for Operations and Logistics
Bill Gates, 20 years; Associate Dean for Research
Larry Jones, 20 years; Area Chair for Financial Management

Faculty Notes

The **Natural Language Processing (NLP)** Lab of the Computer Science department has just released the NPS Chat Corpus, Release 1.0 to the general research community. This data is part of the NLP’s work on chat, which includes developing methods for catching sexual predators in online chat. Please see <http://faculty.nps.edu/cmartell/NPSChat.htm>. It has already been requested by Brigham Young University; University of Potsdam, Germany; University of Pisa, Italy; University of North Carolina (Odum Institute); University of Southern California, Institute for Creative Technologies and their Informa-

tion Sciences Institute; University of Cape Town, South Africa; University of Strathclyde, Scotland; Massey University, New Zealand; University of Bergen, Norway, Centre for Culture, Language and Information Technology (Aksis); and the University of Leipzig, Germany.

Keith Snider, Associate Professor, GSBPP, received the 2008 Khi V. Thai Research Scholar of the Year Award during ceremonies at the National Institute of Governmental Purchasing (NIGP) Annual Forum in Charlotte, NC. The award, which recognizes “outstanding contributions to public procurement research and academic excellence,” was

presented jointly by NIGP and the Public Procurement Research Center at Florida Atlantic University. Prof. Snider also presented “Defense Acquisition Research: Problems, Progress, and Prospects” to the faculty of the College of Business Administration, University of Alabama in Huntsville.

Research Articles:

Rene Rendon: “Procurement Process Maturity: Key to Performance Measurement” was published in the most recent issue of the *Journal of Public Procurement*, Vol 8, No. 2, 200-214. “A Knowledge-Intensive Profession,” was included in the most recent issue of *Inside Supply Management*.

Tenure-Track Faculty Hires

Dr. Leo Blanken, Assistant Professor of Defense Analysis at NPS, has also taught International Relations, the Scientific Study of War and Politics, the Politics of Global Interdependence and Inequality, and National Security Policy at the University of California, Davis, and the University of San Francisco.

Since March 2006, **Dr. James H. Newman**, has been a NASA Visiting Professor in GSEAS, Space Systems Academic Group. A former Director of NASA’s Human Space Flight Program, Russia, and employee in NASA’s Training Division and at the Johnson Space Center Astronaut’s Office.

Dr. Jeffrey D. Paduan will become the Chairman of the Department of Oceanography from October 1, 2008 to June 30, 2011. Paduan has expertise with ocean currents and air-sea interactions, and is a leader in the development and implementation of surface current mapping using shore-based high frequency radar techniques.

Dr. Mohammed Hafez, a former Visiting Professor in the Political Science Department at the University of Missouri in Kansas City, is now an Associate Professor of National Security Affairs at NPS.

CALENDAR

September 3

Marine Corps Gen. James N. Mattis
Supreme Allied Commander Transformation
Commander, U.S. Joint Forces Command
Secretary of the Navy Guest Lecture
POC Protocol Ext. 2466

September 4

Adm. Eric T. Olson
Commander, U.S. Special Operations Command
NPS site visit and SGL
POC Protocol Ext. 2466

September 9

Retired Vice Adm. John M. McConnell
Director, National Intelligence
Secretary of the Navy Guest Lecture
POC Protocol Ext. 2466

September 9-11

COASTS Science and Technology Symposium
POC Dr. Gurminder Singh Ext. 3041

September 15

NPS Awards Ceremony
King Hall
POC Capt. Kathryn Hobbs Ext. 2291

September 25

Graduation Rehearsal
King Hall
POC Capt. Kathryn Hobbs Ext. 2291

September 25

NPS Foundation New Alumni Reception
Trident Room
POC Anna Blackmon Ext. 2981

September 26

Graduation Ceremony
Honorable Anita K. Blair
Asst. SECNAV (Manpower and Reserve Affairs)
Graduation Speaker
POC Protocol Ext. 2466

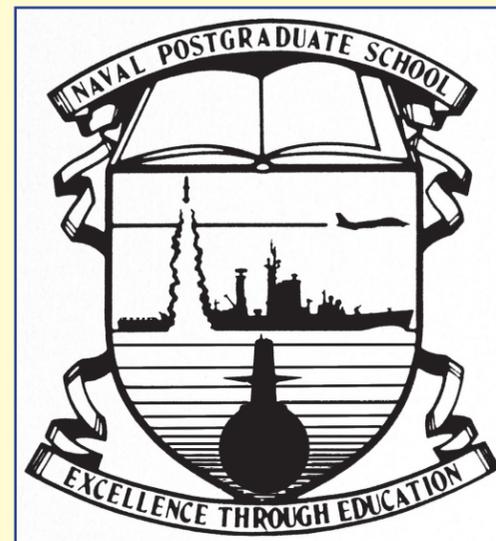
September 29

Adm. James G. Stavridis
USSOUTHCOM
Secretary of the Navy Guest Lecture
POC Protocol Ext. 2466

HISTORICAL HIGHLIGHTS

The Naval Postgraduate School has used several seals and logos to graphically represent the purpose, mission and goals of the institution.

In September 1975, Rear Admiral Isham Linder, NPS superintendent, requested the adoption of “an identifying symbol which relates the school to the modern Navy.” Linder’s letter to the Chief of Naval Personnel said the logo would illustrate the modern naval relevance of NPS programs and dispel the myth that students were only concerned with text books. Admiral Linder received quick approval for his proposal and the contemporary design shown below began to appear on catalogs, reports and other official documents.



Historical Highlights are provided by the Dudley Knox Library.