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Grand Winter Ball

Monterey, California. Naval Postgraduate School

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GRAND

WINTER

BALL

DECEMBER 3, 2011

BARBARA MCNITT BALLROOM

NAVAL POSTGRADUATE SCHOOL



Evening Events

Remarks by
Vice Admiral Dan Oliver, USN (Retired)
President, Naval Postgraduate School

National Anthem
Mr. Alexander Rockwell Faulk

Dinner

Remarks by
Mr. Bill Warner
President, Naval Postgraduate School
Foundation

Dancing

Menu

Salad

Romaine and Red Oak Leaf with White Riesling
Poached Pear Balls and Chilled Roasted Roma Tomato
White Balsamic Vinaigrette

Intermezzo
Lemon Sorbet

Entrée

Charbroiled Filet Mignon Wrapped in Bacon
Red Wine Forest Mushroom Sauce
Risotto with Roasted Garlic, Basil and Cheese
French Beans with White Asparagus and Sautéed
Cranberries

Mini Cheese and Onion Dinner Rolls

Dessert

Triple Chocolate Mousse Cake with Fresh Berries

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Gordon and Ronda Eubanks	The Parks at Monterey Bay
Mike and Suzanne Fortune	Ken and Rita Petersen
Jim and Susan Greene	Alan and Joanna Silverman
	Bill and Anne Warner

To All of Our Donors

Everyone in attendance at the Ball tonight has generously donated to support NPS in furthering education and research programs. This is sincerely appreciated. Thank you!

What makes the Naval Postgraduate School unique is our students.

In attendance tonight at each dinner table is an active duty military service member and their spouse or guest. These extraordinary individuals can share with you the true military experience as they live it every day.

5 Purple
Hearts in
attendance



These students have
completed:

650+ years (combined)
of military service



13 Bronze
Stars in
attendance

170+ years (combined)
away from their families

37 Iraq Campaign
Veterans in attendance



35 Afghanistan
Campaign Veterans
in attendance



Also in attendance this evening

2 NPS Foundation
Wounded Warrior
Scholarship Recipients



What makes NPS relevant is the applied nature of the research.

Common Operational Research Environment(CORE) Program

The Common Operational Research Environment (CORE) Lab at NPS is an innovation hub for cutting edge Irregular Warfare Research and Analytical Methodologies. Their mission is to support field operatives (operators) engaged in irregular warfare with visualized information on social-cultural dynamics.

They develop operators' knowledge, skills, and abilities in visual analytics. Three visual analytic methodologies are emphasized in their courses and research projects: geospatial analysis, temporal analysis, and relational analysis. The application of these methodologies, and the analytical software tools associated with them, enables operators to collect, manage, and fuse data in order to create a more complete picture of the common operational environment.

Based on a more nuanced understanding of the environment, operators are challenged to develop a range of strategies for in-country interventions. Alternative Counter-Insurgency (COIN) strategies include: Counter-Terrorism Campaigns, Man-Hunting Missions, Information Operations, Psych-Ops Campaigns and Conflict-Resolution/Post-Conflict Reconstruction Strategies.

Through an exploration of data integration techniques and an examination of alternative strategies for action, the CORE Lab serves as the center of gravity for teaching and research on linking multi-faceted information at the operational level. By doing so they create a comprehensive visual analytic tool which enhances operations and their effectiveness.

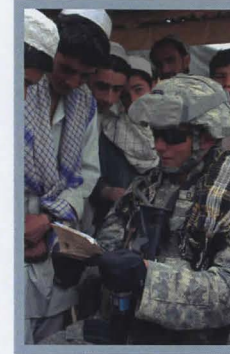
Tonight the CORE Lab has teamed with Google, to create a demonstration of the data collection and visualization methods used for strategic intervention in places like Afghanistan and Colombia.

More information can be found at:

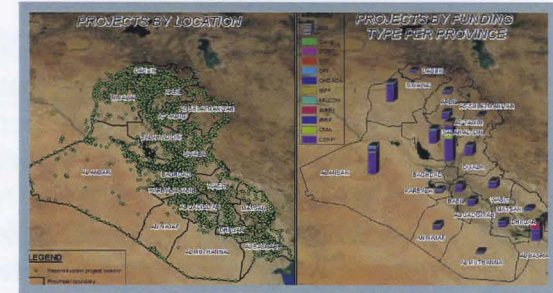
<http://www.nps.edu/Research/CoreLab/index.html>



Data Collection



Visualization



Strategic Intervention



NPS Research Highlight: Suicide Bomber Detection



Improvised explosive devices (IED), discreetly hidden on roadsides, planted in cars or carried by persons, rein terror on U.S. and coalition forces with widespread destruction around the world. One of the most lethal, and understudied, methods of attack comes in the form of personally carried IEDs, commonly referred to as suicide bombs.

Professor William Fox of the Naval Postgraduate School (NPS), along with colleagues from the University of California, Santa Cruz (UCSC), are seeking to improve early detection systems and have found a way to pinpoint would-be suicide bombers in a crowd. In a recent experiment utilizing radar, Fox and the UCSC researchers were able to detect members of a crowd wearing simulated IED vests 85 percent of the time. This technology has potential not only for the battle field but for checkpoints and security points around the world.

Naval Postgraduate School Foundation



The NPS Foundation is a 501(c)(3) non-profit organization designed to provide private funding to NPS for research, academic infrastructure, historic preservation and campus programs above the sustaining level of government support. Through our programs, the NPS Foundation helps provide top quality defense education to the next generation of great American military and government leaders.

NPS Foundation & Silicon Valley

In 2010, the NPS Foundation began a new program, in partnership with Silicon Valley companies, during the Enrichment Week (E-Week). The goal is to provide NPS students with an immersed exposure to the workings of high-tech, innovative companies. Most NPS students have not worked in the public sector, therefore exposure to new ideas, organization, management and technology are enhancements to their military experience.

We are grateful to our partners in pioneering this program with us, Serious Energy and Google, who are also Corporate Sponsors of the Ball this year.

We are expanding this program in 2012 to accommodate additional companies and allow a greater number of students to participate.

NPS Enrichment Week in Silicon Valley



Rachele Wharton(Navy - MBA), Adrian Laney (Navy - Computer Science & Computer Engineering), Alex Madden (Navy - Cyber Security), Trey Fryman(USAF-MBA) and Agar Adams (Marines - Electrical Engineering), spent E-Week at Google where they met with a wide range of executives from technology to operations and human resources, as well as every day employees. Being immersed in the Google culture for a week, gave the students technology insights and optimizations that they will apply to their future deployments.



Google's mission is to organize the world's information and make it universally accessible and useful. They started with a single product and now offer dozens of products and services around the world. Their creations involve search engines and advertising programs as well as mobile phone applications, publishing tools, local services and geospatial information via Google Earth, to name a few!

SERIOUS ENERGY

Eric Shuey (Navy - Applied Physics) and Cullen Greenfield (Navy - MBA) spent E-Week shadowing the CEO of Serious Energy, Kevin Surace. Both students received invaluable exposure to the inner workings of the company from a technical and business basis thereby obtaining a cross-training in the business world that neither had received in the past.



Serious Energy is a leading provider of high-tech products and services that reduce energy usage in the built environment, the largest contributor of CO2 worldwide. They aim to develop and manufacture breakthroughs in product performance that save customers money and energy, without requiring changes in behavior or in how products are used. With six manufacturing plants in the United States, Serious products have been installed in over 70,000 projects including replacing all windows on the Empire State Building!

NPS HALL OF FAME 2011 INDUCTEES

Admiral Stanley Arthur, USN (Retired)

Admiral Stanley Arthur attended the Naval Postgraduate School, where he earned a Bachelor of Science Degree in Aeronautical Engineering. On December 1, 1990, Admiral Arthur assumed duties as Commander U.S. Seventh Fleet and Commander U.S. Naval Forces Central Command for Operations Desert Shield/Desert Storm. In July 1992, Admiral Arthur assumed the duties of Vice Chief of Naval Operations and served until his retirement in June 1995. In 1999, he assumed duties as President, Lockheed Martin Missiles and Fire Control, Orlando, Florida. In June 2005, he retired from Lockheed Martin.

Dr. J. Phillip London

Dr. J. Phillip "Jack" London is Executive Chairman and Chairman of the Board of CACI International Inc. Dr. London is a graduate of the U.S. Naval Academy (1959) and the U.S. Naval Postgraduate School (1967), where he earned, respectively, a Bachelor of Science in Naval Engineering and a Master of Science in Operations Research. During his 12 years of active duty as a regular officer (1959-1971), Dr. London served as a naval aviator with U.S. Navy "hunter-killer" task forces arrayed against the Soviet Union's nuclear submarine threat. Dr. London left active duty in 1971 and joined the U.S. Naval Reserve, retiring as a Captain in 1983, having served as commanding officer of aeronautical engineering units with the Naval Air Systems Command, Washington, D.C.

NPS FOUNDATION DECEMBER 2011 AWARDS

CAPT Zoltan L. Homonnay, USAF

Outstanding United States Air Force Graduate

LTC Niels Buechi, Army Switzerland

International Student Award: Excellence in Regional/Security Studies

LCDR Joshua W. Hensley, USN

The Louis D. Liskin Award for Excellence in Regional Security Studies

Professor Hong Zhou

The Carl E. and Jesse W. Menneken Annual Faculty Award

Excellence in Scientific Research

Lecturer Jeanne Giraldo

The LCDR David L. Williams Outstanding Instructor

LCDR Sarah F. Michael, USN

Astronaut Michael J. Smith & Astronaut William C. McCool Astronautics Award

Ms. Laura K. Nicholson, Dept. of the Navy

The Louis D. Liskin Award for Excellence in Business and Public Policy

Prof. Douglas A. Brook

The Louis D. Liskin Award for Teaching Excellence

Graduate School of Business and Public Policy

MAJ Arleigh W. Dean, USA

The Pat Tillman Leadership Award

Maj. Justin Hufnagel, USA

Maj. John Beigh, USA

Maj. Curtis Snider, USA

The Hans Jones Award for Excellence

Thesis Research in Irregular Warfare

Contribution to NPS

The NPS Foundation will contribute \$50,000 towards NPS research programs by virtue of the 2011 Grand Winter Ball.

Thank you to the 2011 Grand Winter Ball Committee

Cathy Bachl
Virginia Caldwell
Lauren Ciullo
Nancy Griffith
Karen Hargrove
Sara Hellwig
Shelley Hooker
Kim Hooper
Valerie Jensen

Lorri Kershner
Sandy Laughlin
Rachel Pepin
Merrill Ruck
Laraine Sanford
Becky Silkey
Joanna Silverman
Gayle Triolo
Anne Warner
Margi Wiest

Very Special Thanks to

Lorri Kershner
LKershner Design
Santa Cruz, California



Pictures from tonight's event will be available online after December 12th at:

www.npsfoundation.org



SAVE THE DATE

August 14, 2012

America's Heroes Charity Golf Tournament **Monterey Peninsula Country Club**

For more information and to see photos from the 2011 tournament please visit

www.npsfoundation.org

You are cordially invited to the
NPS Foundation Winter Quarterly Event

Protecting U.S. Contracting Funds in Afghanistan

Featuring LCDR Matt Jacobs, SC, USN & Mr. Mark J. Doyle

Thursday, January 19, 2012 at 5:00pm
NPS M.E. Auditorium

RSVP to foundation@nps.edu or (831) 656-2981
(no later than January 16th for gate access)

To learn more visit
www.npsfoundation.org/events

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