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2019-08-07

Research Report

NPS Alumni Association & Foundation

Monterey, California; Naval Postgraduate School

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NAVAL POSTGRADUATE SCHOOL

Alumni Association & Foundation

npsfoundation.org

Research Report:

Giving you an inside look into the research we fund at NPS

Interactive Computer Game Teaches Essential Cybersecurity Skills

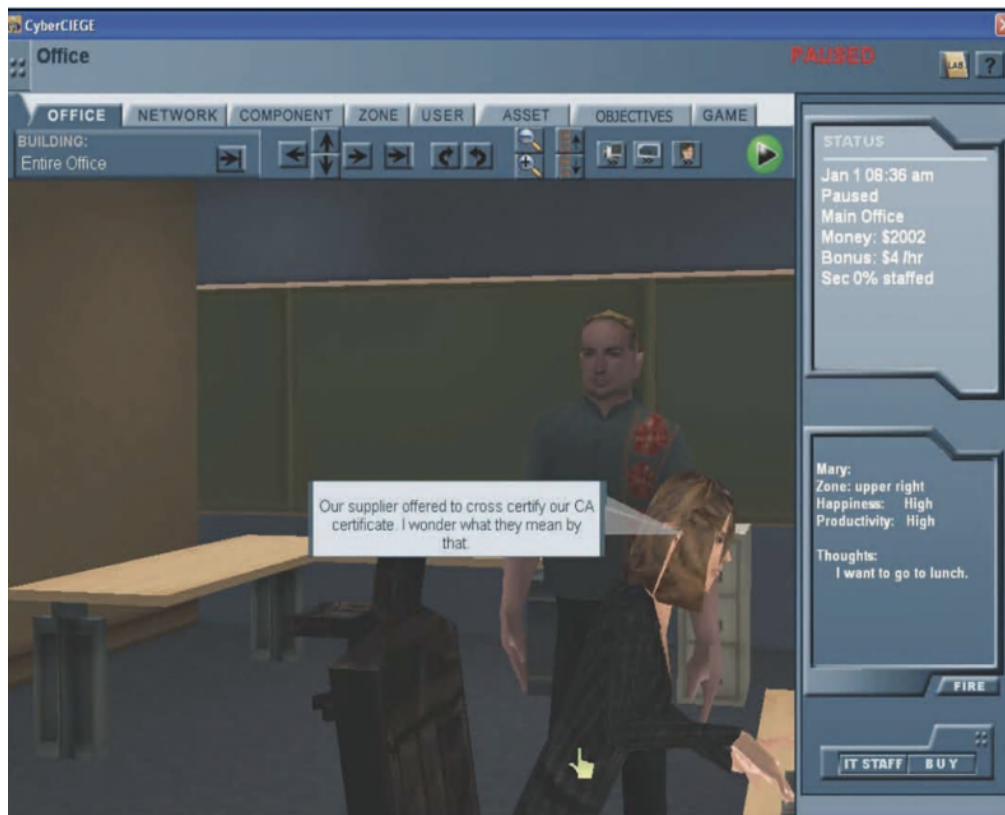




Figure 1: Screen shot of 3D CyberCIEGE environment

Developed at NPS, CyberCIEGE is a network security simulation game that allows players to learn how to construct and defend computer networks. In the CyberCIEGE virtual world, users spend virtual money to operate and defend their networks, and can watch the consequences of their choices, while under attack. In its longer scenarios, users advance through a series of stages and must protect increasingly valuable corporate assets against escalating attacks.

It's a proven cybersecurity education tool, and has gained an established user base within the U.S. government and universities across the country. Lead researcher and NPS research associate Michael Thompson is now seeking to bring the game to even more users. CyberCIEGE currently requires a Windows platform, which limits usability. Michael and his team are working on transferring the game to a more ubiquitous platform to broaden the game's audience. CyberCIEGE represents a significant opportunity for sustained contribution to cybersecurity education, a pressing and current issue in our country.

[Read More](#)

Register For The Dependency and Structure Modeling Conference



Dependency and Structure Modeling (DSM, also known as Design Structure Matrix) support the management of complexity by focusing attention on the elements of a complex system and how they relate to each other. DSM-based techniques have proven to be very valuable in understanding, designing, and optimizing complex system architectures of products, organizations, and processes.

The annual DSM Conference provides a platform for researchers, practitioners, and developers of DSM-related tools to exchange experiences, discuss trends, and showcase results and tools. It also acts as a forum for developing new ideas regarding complexity

management in all kinds of industries and from many different perspectives.

Whether or not you're local to Monterey, this is a worthwhile event to take home new knowledge, and collaborate and network with leaders in multiple industries.

[Learn More](#)

SoCal Alumni: RSVP for Our August Events



THE NPS ALUMNI ASSOCIATION &
FOUNDATION IS COMING TO
SOUTHERN CALIFORNIA



AUGUST 22: SAN DIEGO

6-8 PM at Stone Brewing in Liberty Station

Special Guest: NPS President VADM Ann Rondeau (Ret)

AUGUST 24: LOS ANGELES AREA

4-6 PM at 1212 Santa Monica in the 3rd Street Promenade

Join us for hosted drinks and appetizers.
Reconnect and network with fellow grads.

From East Coast to West Coast -- We had a great time meeting NPS graduates at our D.C. events in May, and now we're excited to host two events for our West Coast alumni in Southern California. We'll be in San Diego on August 22, 6-8 pm at Stone Brewing in Liberty Station, and then in Santa Monica on August 24, 4-6 pm at 1212 Santa Monica (restaurant in the 3rd Street Promenade). Come to enjoy hosted drinks, heavy appetizers, and networking with fellow grads. **Please RSVP before August 12.**

San Diego RSVP

LOCATION

Stone Brewing in Liberty Station

DATE AND TIME

08/22/19 6:00pm - 08/22/19 8:00pm

Carefully consider your response to help us allocate event funding.

I'll be there!

I'll be there, with a
guest.

Maybe

Santa Monica RSVP

LOCATION

1212 Santa Monica (restaurant in 3rd Street Promenade)

DATE AND TIME

08/24/19 4:00pm - 08/24/19 6:00pm

Carefully consider your response to help us allocate event funding.

I'll be there!

I'll be there, with a
guest.

Maybe

Missing AHCGT This Year? Sign Up For The Navy

Ball Golf Tournament

NAVY BALL GOLF TOURNAMENT

AT MONTEREY PINES GOLF COURSE

FRIDAY,
SEPTEMBER 20,
2019



Four Person Scramble
7:30 AM Registration
8:30 AM Shotgun Start

Prizes:

- Gross Winning Teams
- Closest to hole on Par 3s
- Longest Drive in Fairway

\$ 70 pp

Entry fee includes:
Greens fee, cart and lunch

SIGN UP & PAY NOW:

Contact Sonja Giralmo at
ssgirm@nps.edu or 831.656.2291

Deadline for entries is Sept. 6. No entries without payment.

If you missed your chance to play in this year's America's Heroes Charity Golf Tournament, here's another opportunity to play golf for a good cause: The Navy Ball Golf Tournament on Friday, September 20, at the Monterey Pines Golf Course. The tournament helps to commemorate the Navy's 244th birthday. Sign up before September 6 by contacting Sonja Giralmo at ssgirm@nps.edu or at 831-656-2291.

Sign Up

July Events Bring Foundation Members Together



Summer is in full swing and we hosted two events in July to prove it! The Coffee Cohort at NPSF Trustee Leonard Riggs' house and our New Quarter Social brought members and their families together. Thanks to everyone who came out to enjoy lunch at the cottage, complete with slushies and a bounce house for kids. Stay tuned as we announce the date of our next New Quarter Social in October.

Last Man on the Moon: NPS Graduate Gene Cernan





As a nation, we recently recognized the 50-year anniversary of the Apollo 11 moon landing, the first man on the moon. But most people don't know much about the *last* man on the moon: NPS graduate Gene Cernan. The Houston Chronicle reports, "Cernan remains the last human to walk on the moon, a distinction he carried to his death in 2017 at the age of 82. Only 12 Americans carry the honor of having set foot on the moon, a thrill that Cernan chased but never duplicated in his life on Earth."

[Read More](#)

In The News: "America Is In An AI Fight For Its Life"



The Hill reports, "The Pentagon predicts that AI will 'impact every corner of the Department.' Future wars will be won or lost based on a military force's ability to analyze and act on enormous quantities of information faster than the enemy. AI makes that possible ... As U.S. military systems and the software that controls them become more advanced and complex, with potentially millions of lines of computer code, they become more vulnerable to AI-enabled cyber-attacks."

[Read More](#)

Connect with us!



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