



AUGUST 2022

The Voice of CBS Sports, Jim Nantz, Joins NPS Foundation for Community Event



The Voice of CBS Sports, Jim Nantz, joined NPS Foundation friends and supporters for a Fireside Chat hosted by Leonard and Peggy Riggs and Andrew and Barbara Rosenberg.

Nantz started at CBS as the host of the college football studio show and lead the play-by-play voice with cohost Bill Simms for the NFL on CBS; he also anchored the NFL pre-game studio show for six years on CBS. He is currently the lead play-by-play anchor for NFL on CBS. Nantz has also covered golf at CBS for over two decades, covering the PGA Tour on CBS and The Masters.

Foundation events bring our community together to discuss leadership, success, perseverance and more from the diverse experiences of accomplished leaders. Join our next community event featuring [Peyton Manning at Monterey Peninsula Country Club on October 11, 2022](#).

Evening with Peyton Manning

OCTOBER 11, 2022

Spend a fabulous evening with Legendary quarterback Peyton Manning at Monterey Peninsula Country Club on October 11, 2022. This two-time Super Bowl Champion, five-time Most Valuable Player has earned his place among the greatest quarterbacks in league history.

Known as a great motivator on and off the field, Manning will share his own experiences and insight on teamwork, leadership and motivation. Feel free to share this event with friends. [Tickets available here.](#)



Purchase Tickets

USS Essex First Ship to Participate in NPS 3D Printer Research

Last Month: [3D Printing Metal Parts on a Ship, What Does the Navy Require to Make the Dream a Reality?](#)



“Having this printer aboard will essentially accelerate, enhance and increase our warfighting readiness.”

The Naval Postgraduate School partnered with Commander, Naval Surface Force, U.S. Pacific Fleet to facilitate the installation of the Xerox ElemX 3D printer on the USS Essex.

This installation is the first of its kind and represents significant progress in the experimentation and evaluation of additive manufacturing at sea and demonstrates a key step toward improved operational efficiency for the U.S. Navy.

On-demand manufacturing is a key focus for the U.S. military as they seek to improve logistical challenges associated with overseas missions. The NPS Foundation supported bringing the ElemX to NPS for additive

manufacturing research that will enable service members to solve supply chain issues and fix problems where they are when they occur. [Read More.](#)

In the News:

Popular Science: [A Navy ship got a giant liquid-metal 3D printer earlier this month](#)

Navy Times: [Navy ship utilizes 3D printing out at sea](#)

Xerox: [Xerox® Elem™ Additive and U.S Navy Deploy First Metal 3D Printer at Sea](#)

[Watch: Xerox and US Navy Deploy First Metal 3D Printer at Sea](#)



Heightened counterintelligence and espionage efforts of the government of China



[The world's biggest surveillance company you've never heard of: The Chinese company's products can be found anywhere from police surveillance systems to baby monitors in more than 190 countries.](#)

The challenges facing our country are diverse and complex, ranging from sophisticated cyber-attacks to supply chain risks and defending against hypersonic missiles to responding to biological threats. Strategic competitors to the United States have greater access to state-of-the-art commercial technologies than ever before and wield these technologies to be disruptive to America's interests, national security, and our citizens' personal security.

The Chinese government seeks to become the world's greatest superpower through predatory lending and business practices, systematic intellectual property theft, and forced technology transfers. China's efforts target businesses, academic institutions, researchers, lawmakers and the general public.

Combating these threats will require a whole-of-society response. The government and the private sector must work together to understand and counter the threat.

As the DOD's defense research university, NPS connects its warfighter students and subject matter experts with the best of industry to address the urgent technological threats facing our Nation.

"The greatest long-term threat to our nation's information and intellectual property, and to our economic vitality, is the counterintelligence and economic espionage threat from China."

- FBI Director Christopher Wray

The Immediate Threats:

[Commentary: Mel Gurtov — China's surveillance state and its meaning for us](#)

[China targets Fed to gain influence, senator charges, drawing Powell rebuke](#)

[Experts: The Weaponization and Threat of China's TikTok to Americans](#)

[Hawks Eye On USAF Base? Chinese Firm Buys Land In North Dakota Close To Critical US Drone Facility](#)

[The world's biggest surveillance company you've never heard of](#)

[Chinese TikTok owner increased U.S. lobbying spending by 130% this quarter](#)

[Chinese Government Asked TikTok for Stealth Propaganda Account](#)

NPS Researchers Leave a Lasting Legacy in Climate Analysis and Prediction



For his 2021 doctoral thesis at the Naval Postgraduate School, U.S. Navy Lt. Cmdr. Kellen Jones wanted to see if there were large-scale climate events that serve as precursors to Santa Ana winds, which can lead to devastating wildfires in Southern California.

Jones' research demonstrated the possibility to predict Santa Ana winds early through looking at larger, global systems. In their analysis, the team was able to correctly predict 84 percent of November Santa Ana wind events from 1970 to 2018 at forecast lead times of 2-4 weeks. Moreover, they correctly predicted three to four weeks ahead of six major Santa Ana events that were associated with 17 major wildfires.

With further research, Jones' discovery certainly has the potential to support wildfire suppression in a state that has been devastated by fire in recent years, and the disruption caused by these wildfires can certainly impact Naval activities in Southern California and elsewhere. [Read More.](#)

More on NPS:

[NPS Researches Explore the Impact of Sea Ice Change in Bering Sea](#)

[How do we predict climate change?](#)

[Defense Analysis Professor Awarded Oxford Dissertation Prize](#)



NPS Department of Defense Analysis Assistant Professor Tommy Jamison is the 2022 recipient of the Oxford University Press USA Dissertation Prize in International History. Presented by the Society for the History of American Foreign Relations (SHAFR), the biennial award honors the top doctoral dissertation in international history by a rising historian.

Thomas Jamison, assistant professor in the Defense Analysis Department, received the prestigious biennial award in June for his dissertation exploring limited maritime conflicts in the Pacific and their effects on the creation of the U.S. “New Navy,” the U.S. military’s first substantive peacetime expansion, from 1882 to 1898.

The Oxford University Press USA Dissertation Prize in International History recognizes the best dissertation by a rising historian in the field of international history. Jamison’s dissertation, entitled “Pacific Wars: Peripheral Conflict and the Making of the U.S. ‘New Navy,’ 1865-1897,” critically examines the transnational nature of limited maritime conflicts in the Pacific and their impact on U.S. policy.

“In the last few years, some of the most promising junior scholars in the fields of history and security studies have found homes at institutions like NPS,” said Jamison. *“For folks interested in the intersections of policy and history, it is pretty much ideal.”* [Read More.](#)

Alumni Spotlight



Rear Adm. **Mike Studeman**, MA in National Security Affairs '98, assumed command of the Office of Naval Intelligence (ONI) and directorship of the National Maritime Intelligence-Integration Office (NMIO). Studeman relieved Rear Adm. Curt Copley, who held the command and directorship since June 2021. Studeman joins ONI from his previous role as Director for Intelligence, J2, U.S. Indo-Pacific Command in Honolulu, Hawaii.

"It is my honor and privilege to rejoin the nation's oldest intelligence agency and I look forward to working again with such a bright and storied assembly of military and civilian professionals who are advancing America's national security in every corner of the world," said Studeman. "Rear Adm. Copley has tackled some of ONI's most daunting challenges and I look forward to building on his success."

Capt. **John C. Kiefaber**, MBA '05, relieved Capt. Joel B Lang, as the commanding officer aboard Amphibious assault carrier USS Tripoli (LHA 7). Kiefaber assumed command after serving as Tripoli's executive officer since October 2020. Kiefaber, a native of Great Falls, Virginia, is a 1997 graduate of the United States Naval Academy where he earned a Bachelor of Science degree in Political Science. He was designated as a Naval Aviator in 1999.

"I am honored and excited to report as your commanding officer," Kiefaber said. "I have no doubt that this crew will continue to excel and show the world what we can do."





Joan Melendez Misner, MS in Systems Engineering '17, is an Integration Engineer at NASA working on space & asteroid planetary defense missions. Her work includes sending a helicopter to Titan (Dragonfly), a spacecraft to Europa (Europa Clipper), and crashing a spacecraft into an asteroid (DART).

Misner volunteers throughout the community and is fully involved with STEM Outreach Programs including [Passage](#), a program aimed at bringing STEM education to Latin America. Read an interview with Misner here: [IFLS Science Meets: NASA Engineer Joan Melendez Misner On Inspiring The Next Generation's Involvement In STEM](#)

Student Spotlight

Current NPS student, U.S. Air Force Master Sgt. **Kade Forrester**, Acquisition and Contract Management '23, was recently named as one of the 12 Outstanding Airmen of the Year. Each year, this award recognizes 12 outstanding enlisted personnel for superior leadership, job performance, community involvement, and personal achievements.

Forrester was one of the first-ever enlisted personnel selected for this program in October 2021. Forrester was previously with the 11th Contracting Squadron at Joint Base Anacostia-Bolling and was the first enlisted member assigned to 11th CONS when the 11th Wing was re-activated in 2020.

"It is a hugely gratifying opportunity to learn from these commissioned leaders from the Department of Defense, State Department and Allied Nations," said Forrester, ***"but***



more rewarding to show the abilities of the enlisted corps."

Meet more Students & Alumni: Faces of NPS

Upcoming Events

JIFX 22-4

AUGUST 15-19, 2022

Focus Area: Navigation in GPS-Denied Environments & Subterranean UGV Communication

Registration required. [Register.](#)

Evening with Peyton Manning

OCTOBER 11, 2022

Monterey Peninsula Country Club. [Purchase Tickets.](#)

In Case You Missed It:

[Faces of NPS: Space Force & Impact in the Space Domain](#)

[II MEF Marines Apply Future Concepts in Wargaming](#)

[From the Lighthouse to the Christmas Tree: Enabling Distributed Innovation in the U.S. Military](#)

[Innovation: People are More Important than Technology](#)

[The Navy Is Testing 5G For Future Forward Operating Bases](#)

[Helping Partners Help Themselves Through Grassroots Innovation](#)

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