



San Diego Connection

Dear NDIA San Diego Members,

Welcome to our San Diego NDIA Newsletter! I hope you enjoy this month's newsletter, which includes upcoming event information, a BoD Member and ROTC awardee spotlight, and other chapter updates.

As many of you are aware, January marked the beginning of our 2021 Board of Directors term and the changing of the guard for many of our committee leads and BoD members. Please congratulate and welcome our new additions and offer a special thanks to those rolling off. A complete listing of our leadership with POC information can be accessed via <https://www.ndia-sd.org/about-ndia-san-diego/officers-and-pocs/>.

Thank you all for your vital, continual contributions and dedication to NDIA's mission.

Regards,

Eric
San Diego Chapter President

NDIA February Virtual Luncheon: Guest Speaker and Panel Discussion with Victor Gavin (former DASN C4I) and the Amazon Web Services DoD team



On February 10th, 2021 NDIA hosted a luncheon with Victor Gavin, former Deputy Assistant Secretary of the Navy for Command, Control, Communications, Computers, Intelligence, Information Operations and Space (DASN C4I/IO/Space) and the Amazon Web Services (AWS) DoD Team. Mr. Victor Gavin is the head of Federal Technology Vision and Business Development for AWS' Public Sector team. In this role, Mr. Gavin leads the strategic technology direction of Amazon's Federal sales team to include the Department of Defense.

Victor Gavin, Head of Federal Technology Vision and Business Development for Amazon Web Service's Public Sector team, highlighted a panel of cloud professionals. The panel responded to questions about the DoD and Navy's state of cloud adoption, general use case / best practices, and new services that are enabling DoD missions. Other panel members were Tim Anderson, Jason Turse, and David Bader.

If you were unable to participate in this event, we have some good news, we have an upcoming joint hosted luncheon next month in which you can still register to attend. Please see below under our "Upcoming Events" section for more information on March's luncheon featuring guest speaker, Delores Washburn, Chief Engineer for the Naval Information Warfare Center (NIWC) Pacific. We hope you can join us!

Upcoming Events: Don't Delay and Register Today!

TEAR 3M AR/VR 2021: February 23rd-24th

The TEAR 3M AR/VR Technical Exchange is a virtual, two-day event brought to and hosted by the Battlespace Exploitation of Mixed Reality (BEMR) Lab, at Naval Information Warfare Center Pacific (NIWC PAC), and welcoming academia, government/DOD, and industry leaders who support Industrial Augmented Reality/Virtual Reality by using the following technologies:

- Augmented Reality (AR) / Virtual Reality (VR)
- 2D/3D displays
- Mobile displays
- Wearables
- Any other “immersive” technology

We are excited about this event's interactive format! This event will be presented in a “flipped format” which means registrants will have added participation flexibility intended to maximize the value of their participation. Registrants will have the opportunity to start viewing the presentations of more than 100 contributing speakers prior to the day of the event. The only presentations exempt from viewing in advance will be that of the scheduled keynote speakers presenting the morning of Day 1. Registrants will be able to enter any questions they have for the presenters via the “chat function”. These presentations will remain available to registrants after the event for approximately 1 year. Additionally, there will be demonstrations and posters from leaders in AR/VR and other display technologies, including government briefings on active projects within the DOD.

The goals of this event are as follows:

- To spread awareness of current immersive technology research relevant to Navy/DOD applications
- To connect AR researchers with experts in DOD to learn about needs and requirements
- To build and strengthen collaborations within the DOD research community

Day 1 of the event includes keynote speakers; their presentations will not be available in advance nor will they be recorded for post-event viewing.

Day 1 contributing speakers and the Day 2 agenda is structured to allow interaction with all of the contributing speakers. Speakers will not be giving their presentations during the actual event (as they will





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have been made available in advance), but rather will be providing a brief summary of their presentation topic and using the scheduled time to engage with the attendees, addressing questions, both those logged while they viewed the presentations in advance, and any raised during the scheduled sessions.

In addition, Day 2 will have scheduled live demos and presentations with valued sponsors. These sessions will not be available in advance and may include other interactive activities.

This interactive format and approach allowed us to compress the event schedule while maximizing the volume of information we can make available as part of the event.

The registration deadline is February 19th. Register per one of the links below and participate in this exciting event!

[Individual Registration](#)

[Sponsorship Registration](#)

[Sponsorship Opportunities](#)

For more event details: [Tear 3M 2021 Home Page](#)

Please see event POCs below.

For more information, contact Lauren and Heidi at: tear3m@spawar.navy.mil

Questions regarding sponsorship/registration contact: ndiasd@sandiegositepros.com

Conference host POC is Tammy Sanchez (NDIA): tamsanch@cisco.com

Joint AFCEA, NDIA, and WID Virtual Luncheon Event: March 16th: Guest Speaker, Mrs. Delores Washburn, Chief Engineer for NIWC Pacific



Mrs. Delores Washburn became the Chief Engineer for the Naval Information Warfare Center Pacific (NIWC Pacific) in Dec 2016. NIWC Pacific consists of 4,800 civilian and military personnel and over 2,100 contractor support personnel. Mrs. Washburn serves as the Chief Engineer for a diverse and highly technical organization in the research, development, fielding, and support of advanced technologies for command, control, communications, computers, intelligence, surveillance, and reconnaissance (C4ISR), cyber, and space capabilities. She is the command's senior civilian responsible for enterprise-wide engineering efforts that span a range of high priority technical areas for the Department of the Navy (DON) including data science, cyber, machine learning, artificial intelligence, and autonomy. In this role, Mrs. Washburn is responsible for developing technical expertise in people, processes, and products across the organization.

To read more about this speaker and register for this event click [here](#) . Registration information will be available soon!

Member and Award Spotlights

Kevin Bowen: Leading with Passion for STEM



Kevin Bowen is on our SD NDIA BoD and serves as STEM Chair. Currently, Kevin is busy leading the SD NDIA SoCAL Cyber Cup Challenge Sponsor coordination. In the past, he assisted with several SD NDIA STEM activities, to include the Virtual Fleet Week student online videos. Kevin is enjoying his role and looks forward to coordinating SD NDIA middle and high school, community college, and local robotic club and organization STEM activities.

In addition to Kevin's work with our SD NDIA Chapter, he is President of PORPOISE Robotics, an unmanned vehicle systems educational program integrated with STEM education for middle and high school students. Prior to Kevin's work with PORPOISE Robotics he had a very extensive, diverse career in engineering and deep diving submersible electronic systems.

In June 1968, Kevin launched his career with Sperry Systems Management in Great Neck, NY. He worked as a Field Engineer for 15 years and a Systems Design Engineer for four years. During this time he spent three years on an Oceanographic Survey Ship making bathymetric charts for Ballistic Submarines where he was responsible for the Ship's Inertial Navigation System. He visited most of the ports from Copenhagen to the Grand Canaries. Kevin spent 10 years on the Deep Submergence Rescue Vehicles at North Island Naval Air Station and during this time made approximately 250 dives in which several were up to 5,000 ft depth. He was responsible for the vehicle electronic systems. Additionally, he spent two years on the Japanese Deep Submergence Rescue Vehicle in Kobe, Japan. Kevin integrated nine types of SONAR, taught SONAR theory, operation and maintenance in Japanese, and made seven of the first 29 sea trial dives.

In 1990, Kevin left Sperry Systems Management and became the Systems Engineering Manager and Technical Director at Applied Remote Technology (ART) in Scripps Ranch. ART was a wholly owned subsidiary of General Dynamics. At ART, Kevin worked in research and development of undersea vehicle systems. He was Chief Engineer on the MK 30 Anti-Submarine Warfare undersea vehicle Training Target System.

In May 1995, Kevin left ART and the city of San Diego to work at Raytheon Integrated Defense Systems in Portsmouth, RI. Kevin was a Systems Engineer and later became an Engineering Fellow in Advanced Technology Department. He led small maritime Research and Development teams for ten years. During this time Kevin was also a member of the Bristol, RI July 4th Celebration Committee and responsible for Parade floats, Annual Vintage Base Ball (two words in those days) game by 1863 rules, and the Orange Crate Derby annual race.

In July 2013, following his retirement from Raytheon, Kevin returned to San Diego and joined Porpoise Robotics to develop vehicles and curriculum for unmanned vehicle systems integrated with STEM education for middle and high school students.

In Kevin's current role he and his team teach vehicle and mechatronics classes for Upward Bound at USC, Girls STEM Camp at Mira Costa College, University STEM Academy at UC Riverside, after-school robotics at Rancho Minerva MS, ground vehicles at Ocean Discovery Institute and Coral Reef Research Foundation in Palau, Micronesia among others. Since the Pandemic, Kevin's team has improved the Arduino-controlled ground vehicles, built PVC open-frame Raspberry Pi-controlled Remotely Operated Undersea Vehicles. They have been successful doing remote system development and distance learning.

We are excited to have Kevin lead our STEM efforts and look forward to the upcoming STEM events in 2021!

NDIA's "Top Graduate" ROTC Award

In January 2021, 2LT Brendan Carroll was recognized with a ROTC Top Graduate Award and presented with an engraved saber.



Picture Above: 2LT Brendan Carroll holding engraved saber presented in recognition of ROTC Top Graduate Award

The local Air Force, Army and Navy ROTC Units are comprised of ROTC Students attending multiple Universities in the San Diego area. Each Unit has its own award nominating and selection process and the Service ROTC Unit Commanding Officer signs off on each of the selected awardees. Units present their Top Graduate Awards during their respective Fall or Spring Commissioning Ceremonies. NDIA San Diego provides a formal Citation and Service specific Sword or Saber for up to 2 Top and Distinguished Graduates per service each school year.

Miss Out On A Recent Small Business Committee Meeting? Catch-up Here!

[Small Business Committee Meeting Minutes - January 2021](#)

[DFARS Clause 252.204-7012 and Cybersecurity Maturity Model Certification Rapid Deployment Training Brief -January 2021 SBC Resource](#)

The Small Business Committee Meeting Minutes for February will be available within the coming week [here](#).