



CONGRATULATIONS WINNERS

EXECUTIVE of the YEAR AWARD WINNER



BRENT McCARTY
President
ESET North America

INNOVATOR AWARD WINNERS



WORKFORCE DEVELOPMENT AWARD WINNERS



AWARENESS AWARD WINNERS



THANK YOU TO OUR JUDGES



MACY DENNIS
CSO & Partner
Ember River

Macy Dennis is a global information and cybersecurity executive with over 25 years of corporate security experience, focusing on all aspects of cyber, information and physical security. He has a background in defense, law enforcement, intelligence and cybersecurity. He is a highly skilled communicator with the ability to work at all levels of the business, from "C-level" down to a "security professional/practitioner." Dennis is the CSO and a partner at Ember River, a cleared defense contractor focused on supporting national security, critical infrastructure and commercial organizations.



LISA EASTERLY
President & CEO
Cyber Center of Excellence

Lisa Easterly is president and CEO of CCOE, a San Diego-based nonprofit that mobilizes businesses, academia and government to grow the regional cyber economy and create a more secure digital community for all. She previously served as VP of marketing for San Diego Regional EDC, business development manager for Latham & Watkins and founding board member of Cleantech San Diego.



TERESA MACKLIN
Cybersecurity
Master's Program Director
CSU San Marcos

Teresa Macklin is the Program Director for the Cybersecurity Master's program at CSU San Marcos. She teaches cybersecurity classes on topics ranging from policy and legal issues to intrusion detection and incident response. She is the former Chief Information Security Officer and Associate Dean for Technology Infrastructure at CSU San Marcos, having retired from that position in 2019. She has been involved in technology infrastructure operations and information security for over 20 years.



JIM SKEEN, Jr.
Founding President & CEO
Lockton San Diego

Jim Skeen Jr. is the founder of Lockton San Diego, where he built a successful practice focused on enterprise vision; mission and purpose; resources and talent; and risk and resiliency. He also serves as a board member for Cyber Center of Excellence (CCOE), Haiku Inc. and the Navy SEAL Xperience as well as cyber private sector engagement partner to the FBI.



KRIS VIRTUE
Vice President, Cybersecurity
Qualcomm

Kris Virtue is the vice president of cybersecurity at Qualcomm Incorporated, a Fortune 500 company and an innovator in wireless communications, where he is responsible for the company's cybersecurity. Over his 25+ year tenure with Qualcomm, Virtue has held numerous leadership roles across all aspects of Qualcomm's IT organization. He has over 20 years of extensive experience in cybersecurity, including security architecture, risk and compliance, incident response, security operations and identity management.



SCOTT ZOLDI
Chief Analytics Officer
FICO

Scott Zoldi is Chief Analytics Officer at FICO where he develops AI technology to address industry problems in financial crime, compliance, credit risk, and cybersecurity. Scott is an avid inventor of purpose-built machine learning technology to inform digital decisioning and awarded 76 patents with 47 in process.



Omar Baza
Workforce Partnership Program
Specialist



Alyssa Abellar
Workforce Partnership Program
Specialist



Adrienne Chuck
Workforce Partnership Manager of
Workforce Development – ICT



Alistair Penny
Workforce Partnership Director of
Workforce Development – ICT



Taylor Dunne
San Diego Regional EDC - Senior
Manager of Talent Initiatives

Peter and his 160+ coworkers and 35 board members thank our CyberHire team for their great work that is creating an invaluable talent pipeline and meaningful careers.

This is how we build an inclusive, skilled and thriving workforce that benefits our entire region.

Special thanks to the James Irvine Foundation for their ongoing support and generous philanthropic investment that made this innovative project possible.



Leslie Payne
Initiative Director
The James Irvine Foundation



Peter Callstrom
Workforce Partnership President
& CEO

workforce.org/SDBJ

The James Irvine Foundation

San Diego
Workforce
Partnership



Executive of the Year Award

Brent McCarty

ESET's North American President Helps Individuals and Businesses Stay Safe Online While Securing Computer Networks

■ By BRAD GRAVES

Brent McCarty is all about cybersecurity.

His company, **ESET North America**, helps businesses, enterprises, governments and consumers to better protect themselves in a world where cybersecurity threats are growing and evolving at a rapid pace. Based in Slovakia, the company is well known for its suite of antivirus and digital security software – and is the No. 1 provider of cybersecurity solutions in Europe, based on units sold.

Closer to home, the company helps businesses avoid pitfalls through cybersecurity awareness training. One notable training effort, coordinated through the San Diego-based **Cyber Center of Excellence (CCOE)**, has so far helped small and medium-sized businesses in Carlsbad and Vista grow more resilient, at no cost to them. The local effort has the potential to expand.

McCarty took charge as president of ESET's U.S. office in downtown San Diego four years ago. The former **Ingram Micro** executive has been tasked with raising ESET's profile in North America, making his products the preferred cybersecurity products on this continent.

To do this, he is building brand awareness with consumers and businesses, and with the channel partners who help to market and sell ESET solutions.

Receiving An Honor

McCarty is passionate about his company and passionate about cybersecurity in general. Now, he has been chosen as Executive of the Year in the 2022 Cybersecurity Stewardship Awards.

"I'm very honored to be recognized," the executive said a few days after being notified of the award. "I do want to give a lot of credit to my team."

ESET is committed to the community, he said, first of all by helping protect customers from cyber threats. These include threats by hacker gangs and nation states. Analysts see the conflict between Russia and Ukraine as a new potential source of cyber threats.

McCarty and his business give back in a lot of other ways too. For example, ESET supports local charities such as **Promises2Kids**. Foster children and teens are especially vulnerable to online privacy issues due to a lack of digital safety education and because so much of their personal information is circulated among multiple caregivers and government agencies. ESET provides safety education to both youth and their guardians — teaching them how to protect their social reputation, identity and finances — while also providing cybersecurity solutions to program graduates.

ESET is also working to alleviate suffering in Ukraine, where the war with Russia is entering its ninth month.

Ukraine shares a 60-mile border with ESET's home country of Slovakia. Given its proximity to Ukraine, ESET has played a critical role protecting the region during the Russian invasion. It equipped users and businesses on the ground with best-in-class cybersecurity solutions and worked directly with Ukraine IT teams to identify and defend against zero-day threats, wiper malware and bad actors targeting the electrical grid.

The business has stopped sales in Russia and Belarus. The ESET Foundation has made sizable monetary donations to Ukraine relief efforts and has been heavily involved



Brent McCarty, right, enjoys the 2022 Promises2Kids Guardian Scholars Awards ceremony with members of the ESET North America executive team. Shown from left are Celeste Blodgett, Ryan Grant, Marissa Parks and Brandon Stigers.
Photo courtesy of ESET North America

in humanitarian efforts on the Ukraine-Slovakia border, supporting Ukrainians entering Slovakia by establishing medical checkpoints for them.

Coming Together in Little Italy

ESET established a foothold in the United States roughly 20 years ago when it opened an office in Coronado. Since then it has moved across the bay to space in Little Italy.

The cybersecurity industry continues to expand to combat the growth in threats and more sophisticated bad actors. Against the proliferation of cybersecurity regulations and expanding attack surface, McCarty noted, "we have a significant opportunity to grow our presence here."

McCarty's continuing task is to help the end-user population — in the enterprise, small business and medium business space, as well as channel — understand ESET's full suite of cybersecurity solutions.

Sales is one of McCarty's core competencies.

The business leader is originally from Toronto, Canada where he started his career in sales for **Dell Canada**. After eight years with Dell, he became director of VAR (value added reseller) sales for **Ingram Micro Canada**, a distributor of IT products and services.

Ingram Micro subsequently sent him to Scottsdale, Arizona to be vice president and general manager of an acquisition called DBL Distributing. After about four years, Ingram Micro sent McCarty to the United Kingdom. There he was chief executive for the U.K. and Ireland, running an operation with 1,600 employees and approximately \$1.7 billion in revenue. It was a great opportunity, he recalled. In 2016, he came to Ingram Micro's Irvine headquarters, taking the job of vice president of global sales. It was then that he moved his home to South Orange County.

In 2018 he joined ESET. The company was looking for someone who had previously worked in Europe, the United States and Canada, he said. McCarty oversees all North American operations.

The company is investing in brand awareness campaigns in North America. Earlier this month, ESET announced a multi-year sponsorship agreement with a Canadian hockey

team, the Calgary Flames. Financial terms of the deal were not disclosed. In a statement, a team executive noted that cybersecurity, like hockey, requires a strong defense.

Meanwhile, San Diego County residents are reminded of their digital security neighbor when they see rail cars wrapped with the ESET logo, or ESET's Progress. Protected television ads with astronaut **Chris Hadfield**.

Community Focus

McCarty has also increased the company's focus on diversity, equity and inclusion while growing the North American business.

He and his team make it a point to hire diversity at all levels, and they are proud to continue to even the playing field for women. Today, ESET North America boasts a workforce that is 38% women and a leadership team that is over 41% women. Through ESET's Women in Cybersecurity Scholarship, ESET encourages young females to get involved in fields related to STEM and cybersecurity by providing college scholarships. ESET management also takes care that its employees do not feel discriminated against because of age, sexual orientation, race, gender and other factors.

McCarty and ESET are eager to spread the word about cybersecurity.

Part of that work is through CCOE, the Cyber Center of Excellence. The local nonprofit mobilizes businesses, academia and government to grow the regional cyber economy and create a more secure digital community for all. ESET and CCOE have teamed up on their training initiative so that day by day, the San Diego County workforce becomes better aware of cyber threats.

Their employers win too. The training helps companies become better candidates for cyber insurance coverage.



Does Your **Cybersecurity** Training Program Have?

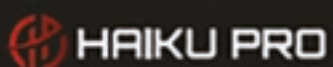
1. Structured hands-on training to build muscle memory?
2. The ability to demonstrate the actual hours spent and specific skills trained in to employers and professors?
3. The ability to connect students to jobs based upon the students' actual skills?

If not, email us at info@haikuinc.io and we'll be happy to show how you can take your cybersecurity training program to the next level.

The Haiku Career Training System



World of Haiku is the first of its kind RPG game that teaches you real-world cyber security skills.



Haiku Pro provides an "open world" series of cloud based networks where Trainees can practice their skills on real computer networks.



A premium feature in Haiku Pro that matches you with real jobs that align to the skills you develop.



With the Haiku Skillz™ Resume, students can demonstrate to employers their actual hands-on skills in addition to their badges earned through the Haiku Product Suite.

Haiku is honored to have been chosen by the San Diego Cyber Center of Excellence as their cyber training platform and to partner with San Diego State University.



learn more at [Haikuinc.io](https://haikuinc.io).



Innovator of the Year Award – Private Sector

MEDCRYPT

MedCrypt Adds Safety to Lifesaving Devices

■ By JEFF CLEMETSON

MedCrypt received the Cybersecurity Innovator of the Year Award – Private Sector during the Cybersecurity Stewardship Awards 2022.

MedCrypt was founded in 2016 with the mission to ensure that the medical devices people and patients rely on are as safe and secure as technologically possible. The company is led by CEO **Mike Kijewski** who has over 15 years of experience in healthcare and medical devices, including experience designing and developing large, capital equipment medical devices. He has reviewed or consulted on over 40 medical device cryptography infrastructures, with a deep understanding of requirements for embedded medical device systems, small device limitations and regulatory requirements.

“We’re honored to be named a Cybersecurity Innovator amongst other amazing companies that are making San Diego a more secure and diverse place to live,” Kijewski said. “We are committed to creating a secure infrastructure that supports healthcare in San Diego to ensure the best care delivery.”

Medtech’s Security Need

Medical device cybersecurity is a growing problem as medical devices become increasingly

connected and remote healthcare is rapidly deployed, especially during the COVID-19 pandemic. In the past, device security was viewed as a data privacy concern. Today, it is a patient safety issue as lifesaving devices are vulnerable to cyberattack.

Medical device manufacturers need to consider cybersecurity in addition to clinical functionality during development to bring safe, effective devices to market. MedCrypt’s solution uniquely takes healthcare use cases and brings in cybersecurity as a tool for device vendors to use in their overall value proposition without clinical compromise.

There is no regulatory power that requires cybersecurity best practices be implemented in hospitals. Instead, the **FDA** owns this burden and is mandating medical device vendors to carry the burden in cybersecurity.

President **Joe Biden’s** cybersecurity executive order (EO) released in May 2021 prioritizes cybersecurity for critical infrastructure, including hospitals like the VA or DoD. Part of this effort includes manufacturers producing a Software Bill



Mike Kijewski
CEO
MedCrypt

of Materials (SBOM), which is also required by the FDA.

Powerful Products

Developing SBOMs and accurately matching software components to known vulnerabilities is core to MedCrypt’s technologies. MedCrypt’s other technologies satisfy different FDA requirements.

The company’s cryptography products — Ghost and Guardian — make it easy to encrypt, decrypt, sign and verify using trusted algorithms.

MedCrypt’s behavior monitoring solution Canary captures device behavior data in near real-time, and alerts device manufacturers if a device is behaving abnormally. The approach allows medical device manufacturers to secure devices and respond to incidents proactively, making devices secure by design.

By providing cybersecurity solutions to lifesaving devices, healthcare providers can focus on providing patient care without the risk of cyber events that could impact device functionality. More innovative, connected devices can be developed securely and continue providing the most effective care for patients.

medcrypt

Innovator of the Year Award – Public Sector

NATIONAL SECURITY INNOVATION NETWORK

NSIN Brings Power of Virtual Reality to Cybersecurity

■ By JEFF CLEMETSON

National Security Innovation Network (NSIN) won an Innovator of the Year Award – Public Sector as part of the Cybersecurity Stewardship Awards 2022.

NSIN is a problem-solving network in the U.S. **Department of Defense** that adapts to the emerging needs of those who serve in defense of our national security.

“National Security Innovation Network was created to help connect DoD entities with world-class problem solvers from academia and startups,” said NSIN Pacific-South Regional Director **Jesse Gipe**. “This award is a product of our great partners like **NAVWAR’s** PMW 130 and the **Cyber Center of Excellence** to tackle significant real-world problems. Partners like these understand that cybersecurity is a challenge that impacts the DoD and the commercial sector. It will take creativity and collaboration to find solutions to these threats. I want to thank our great team at NSIN and the many partners we work with daily to help the DoD find the capabilities it needs to execute its mission!”

Hacking 4 Defense

NSIN works with regional universities including **UC San Diego** and **San Diego State University** to



Jesse Gipe
Pacific-South
Regional Director
National Security
Innovation Network

deploy **Hacking 4 Defense**, a summer internship program, and other tools to provide top university students opportunities to work on real world Department of Defense problems. NSIN recently worked with **Naval Information Warfare Systems Command (NAVWAR)** to run a hackathon to identify new ways to use augmented reality and virtual reality tech to support cyber operations for the U.S. Navy.

For the hackathon, teams researched ways gaming technology could help visualize, monitor and track cybersecurity operations. For instance, DoD personnel responsible for analyzing the health and vulnerabilities of networks face a range of challenges in prioritizing and focusing on critical cyber-based threats. They must manage a range of diagnostic tools across multiple software platforms while remaining vigilant for hard-to-detect events that could signal phishing or hacking attempts from adversaries. Further diagnosis is often even more difficult for personnel in expeditionary environments with physical limitations on

bandwidth, energy and processing power.

Participants kicked off the hackathon in two tracks— startups and students— to solve mixed reality and cybersecurity military challenges with commercial-off-the-shelf augmented reality and virtual reality technologies.

At the conclusion of the hackathon, finalists pitched their solutions to improve cyber operations and the ability of DoD personnel to visualize, monitor and respond to cybersecurity events. Eight finalist teams, including four student teams and four startup teams, presented their solutions to judges during the final round of the competition.

The top four teams won contracts from a \$70,000 pot to develop solutions further with the DoD. Two teams from the startup track each won \$25,000, and two teams from the student track each won \$10,000.



**NATIONAL
SECURITY
INNOVATION
NETWORK**



Workforce Development Initiative of the Year Award – Public NAVWAR

NAVWAR Developing a Diverse Workforce Pipeline

■ By JEFF CLEMETSON

The U.S. Navy's Naval Information Warfare Systems Command (NAVWAR) received the Cybersecurity Workforce Development Initiative of the Year Award – Public during the Cybersecurity Stewardship Awards 2022.

"San Diego is a global hub of cyber innovation," said **Mark Compton**, command information security officer at NAVWAR. "With our headquarters located here, we know how imperative it is to increase the diversity and inclusivity in the cyber talent pipeline. The work we do in that area today will have a direct impact on the talent attracted and retained to execute our mission for the Navy into the future."

Diversity Focus

NAVWAR is the region's largest cyber employer and has made a commitment to helping foster a diverse workforce in the industry.

In partnership with the **San Diego Cyber Center of Excellence (CCOE)** and the **San Diego Community College District**, NAVWAR helped establish a program to develop criteria for student-employees and a template to reach underrepresented populations and increase diversity and inclusivity in the cyber talent pipeline through local universities, colleges and continuing education providers.



Mark Compton
Command Information
Security Officer
NAVWAR



To date, NAVWAR has hosted in-person or virtual career events with San Diego Community College District, **Southwestern College**, **San Diego Continuing Education** and **National University** and have programs planned with San Diego Continuing Education, **CSU San Marcos**, **Southwestern** and **San Diego Community College District** in 2022.

So far, 30 students have been hired into student-employee roles.

CyberHire Pipeline

NAVWAR has also partnered with CCOE, **San Diego Workforce Partnership (SDWP)**, **City of San Diego**, **San Diego**

Regional Economic Development Corp. and others on a regional cyber talent pipeline called **CyberHire**.

Funded by a grant from the **James Irvine Foundation**, CCOE will lead new cyber employer engagement and Talent Pipeline Management for incumbent workers in IT and cybersecurity roles. **CyberHire** is expected to serve 185 participants during the two-year grant. Among those participants, 90% are expected to complete training activities and receive at least one industry recognized credential; about 80% who were previously unemployed will gain employment; and about 1% of incumbent workers will get promotions or pay raises through this grant.

Early Education

NAVWAR is also heavily involved in local science, technology, engineering and math (STEM) outreach to increase the knowledge and interest in STEM careers, including cybersecurity, for K-12 students as well as college students.

NAVWAR employees serve as mentors, coaches and volunteers for **FIRST Lego League** events, robotics competitions and other STEM events to nurture the next generation of scientists, technologists, engineers and cyber experts.



Workforce Development Initiative of the Year Award – Private Sector

HAIKU INC.

Vital Cybersecurity Lessons Come Packaged in Videogame Form

■ By JEFF CLEMETSON

Haiku Inc. received the Workforce Development Initiative of the Year Award – Private Sector during the Cybersecurity Stewardship Awards 2022.

Haiku Inc. has revolutionized cybersecurity training for anyone, by teaching hands-on, real-world cybersecurity skills that can lead to a lucrative career. The education comes in the form of videogames. The company's suite of products includes "World of Haiku," a downloadable cyberpunk videogame that teaches real world skills while playing. "Haiku Pro" is a browser-based tool that provides hands-on skills training in the cloud for security professionals and users of "World of Haiku."

Mark Basu, one of the founders of Haiku, embarked on this venture to solve his own biggest problem as a kid – boredom and lack of direction. He was spending most of his time playing videogames with little to no interest in anything else.



Mark Basu
Marketing Director
and Member of the
Board
Haiku Inc.

After working in cybersecurity for eight years, Basu founded Haiku with the mission of making a game that is not only engaging but useful, in that it teaches valuable cybersecurity skills.

Haiku is dedicated to educating the world about cybersecurity and that games can be enjoyed by kids as young as 11 years old. Haiku offers a solution for every level of knowledge and **San Diego State University** has partnered with Haiku to provide its students with this tool and part of the most engaging cybersecurity curriculum to date.

Unique Solution to Workforce

The world is becoming more aware of just how important data protection is, but this enlightenment is taking place in conjunction with a vast shortage of individuals interested in cybersecurity.

Less than 60 days after launch, Haiku has been proactive in acquiring 3,000 new users. At this pace, the company believes its products will spark mass interest in cybersecurity, resulting in a population of up-and-coming cybersecurity experts.

Haiku is veteran-owned and composed of a team with diverse backgrounds. **Eric Basu**, a former U.S. Navy SEAL and a longtime fixture in San Diego's defense contracting community, is a founder as well as CEO.



Eric Basu
Founder and CEO
Haiku Inc.

"Haiku is honored to be a winner of the Cybersecurity Stewardship Award for Workforce Development," said Eric Basu. "We built our product suite to make cybersecurity training accessible to anyone, anywhere. Our Games that Train make the learning of difficult cyber skills far more accessible to a much wider audience and will help fill the gap in cybersecurity professionals that continues to grow with the cybersecurity threat."

Haiku has donated and partnered with many groups to further the mission of bringing more diverse and talented individuals into the space. With partnerships and donations to groups like **Raices Cyber**, a Latinx community of cybersecurity professionals, and various relationships within the veteran community, it's safe to say Haiku is leading the pack in prioritizing diversity.





Workforce Development Initiative of the Year Award – Nonprofit

SAN DIEGO WORKFORCE PARTNERSHIP

San Diego Workforce Partnership's CyberHire San Diego Program Getting Results

■ By GEORGE LURIE

San Diego Workforce Partnership's CyberHire San Diego program is one of the reasons the organization is the winner of the 2022 Cybersecurity Stewardship Award for Workforce Development in the nonprofit category.

SDWP's CyberHire San Diego program gives underrepresented and under-resourced workers the opportunity to access quality cybersecurity careers that offer good salaries and increasingly challenging career advancement opportunities.

CyberHire San Diego provides any county resident interested in information technology and cybersecurity a roadmap to enter the workplace in those industries.

"We've partnered with the **Cyber Center of Excellence** and **San Diego Regional EDC** and collaborated with employers and talent providers to build an ecosystem to provide San Diegans with an accessible pathway to cybersecurity," said **Omar Baza**, a program specialist with SDWP.

SDWP's preferred talent providers include **San Diego Continuing Education**, **MiraCosta College**, **National Foundation for Autism Research**, **San Diego City College** and **National University**.

Specific employment roles, certificates and preferred talent providers have been identified by core cyber employers

through the Talent Pipeline Management (TPM) framework established by the U.S. Chamber of Commerce.

"CyberHire has unified employers, associations, nonprofits and training providers to establish the region's first diverse IT and cybersecurity training program," Baza said. "Our working group consists of 10 key employers representing public and private organizations in the San Diego region."

CyberHire provides a direct benefit to the cybersecurity industry by addressing skilled talent shortages, increasing access to local and diverse talent and reducing recruitment and training costs for local employers.

As a benefit to employers, San Diego Workforce Partnership hosts panels, webinars and spotlight events focused on cybersecurity. At its most recent employer panel, **NIWC Pacific**, **INDUS Technologies**, the **City of San Diego**, **Dispatch Tech**, **Booz Allen Hamilton**, **Deloitte** and **ESET** were all in attendance.

San Diego Workforce Partnership, founded in 1974, is led by CEO **Peter Callstrom**. So far, SDWP's new cybersecurity program is seeing impressive results.

Within two months of the first cohort completing their training, Baza said eight had secured full-time employment



Omar Baza
Program Specialist
San Diego Workforce
Partnership

and 12 others had earned an industry-recognized certification.

In addition to job training, CyberHire offers employers a paid intern at no cost to them — and subsidizes the intern's wages for up to six months.

"We eliminate barriers for underrepresented and under-resourced job seekers by covering the cost of industry-recognized certification exams, providing paid work experience, job readiness training and supportive service referrals to community partners," Baza said.

SDWP has developed a Job Readiness Roadmap to ensure program participants are ready for employment. Its team provides individual job readiness support that includes resume, interview preparation and **LinkedIn** assistance.

The CyberHire San Diego Program is open to San Diego County residents who are at least 18 years of age and have a high school diploma or GED.

Once participants have completed training, CyberHire will cover certification exam costs in A+ and Network+ for those looking to start a career in IT — and in Security+ for those in the IT field looking to upskill into cybersecurity.



Cybersecurity Awareness Initiative of the Year Award – Private Sector

LA JOLLA LOGIC

La Jolla Logic Brings DoD-Grade Cybersecurity Experience to Market

■ By JEFF CLEMETSON

La Jolla Logic received the Cybersecurity Awareness Initiative of the Year Award for the Private Sector during the Cybersecurity Stewardship Awards 2022.

La Jolla Logic develops and implements capabilities to foster national security through support to military and civilian agencies such as **U.S. Space Force**, the **U.S. Air Force** and the **Department of Homeland Security**. The company's engineers and developers provide rapid capability fielding and technology modernization, leveraging a software pipeline and Development Security Operations approach enabling government agencies to deliver complex digital services faster and with more confidence.

"We're very proud to be a recipient of this meaningful award which showcases the hard work, commitment and innovation of our entire team over many years," said La Jolla Logic CEO **Stacey Anfus**. "La Jolla Logic as a firm is dedicated to the mission of cyber and protecting our clients, and we're honored to be recognized by the **San Diego Business Journal** and San Diego community."

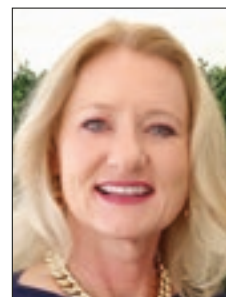
Cybersecurity in Space and Sea

These rapid advancements apply operationally to defensive cyber operations in space where complex functions and protection capabilities, such as space asset authentication and system management for space systems, are developed and implemented. These technologies

support the military mission for controlling satellites and satellite payload usage, planning for that usage, remote control of the assets in space, and tasking across operational users as space assets are shared and handed off for different windows of time and functional purposes.

Additionally, La Jolla Logic has been working with the **U.S. Navy** on artificial intelligence algorithm development, methods and approaches for automating the detection of anomalies in system behaviors and communications that could be signals of compromise in critical infrastructure and industrial control systems for the naval fleet. These methods have proven to be effective and as a small business, La Jolla Logic has demonstrated rapid development and fostered a pathway to operational fielding in the near-term for this critical capability.

Through the Small Business Innovative Research (SBIR) program, the team at La Jolla Logic has researched and developed this technology for the Navy's business networks, then rapidly modified and customized the system for usage in the critical infrastructure environment, demonstrating the flexibility of this framework and the benefits of leveraging unsupervised machine learning and artificial intelligence in the cybersecurity domain.



Stacey Anfus
CEO
La Jolla Logic

The company's success in over a decade of providing for the government has translated into its commercial engagements where La Jolla Logic supports private industry offering DoD-grade cybersecurity methodologies and techniques to provide protections against nefarious activity such as ransomware, data loss and credential theft.

Cyber Community-Minded

In addition to leading La Jolla Logic, Anfus serves as a sector chief on the newly formed Cyber Council for the local San Diego Chapter of **InfraGard** — an FBI-affiliated nonprofit organization whose mission is to mitigate criminal and terrorist threats, risks and losses for the purpose of protecting the local region's critical infrastructure.

Members of La Jolla Logic's cybersecurity and management staff also support local events such as the SoCal Cyber Cup Challenge and offer critical insights through a variety of community speaking engagements relating to cybersecurity challenges and best practices.





Cybersecurity Awareness Initiative of the Year Award – Public NAVWAR

NAVWAR Extends Military Expertise Into Community

■ By JEFF CLEMETSON

The **Naval Information Warfare Systems Command (NAVWAR)**, the San Diego-based command of the U.S. Navy, received the Cybersecurity Awareness Initiative of the Year Award – Public during the Cybersecurity Stewardship Awards 2022.

“We are honored to be recognized with this award,” said NAVWAR Executive Director **John Pope**, the command’s top civilian employee. “With the cyber threats that are prevalent today, cybersecurity is everyone’s business. As an organization with leading cyber experts in the region, and with a critical cyber mission for the Navy, we always strive to partner with our communities, sharing our knowledge and expertise to increase and strengthen cybersecurity awareness.”

CyberHire Partner

NAVWAR is committed to being a good steward to communities, sharing its extensive knowledge and expertise to increase cybersecurity awareness. As a part of **San Diego Workforce Partnership’s** CyberHire initiative, NAVWAR cyber experts are a part of an ecosystem of education and supportive services that ensure individuals are successful in and out of the classroom.

Those involved in the CyberHire program receive support throughout the education journey and become equipped with the necessary skills to be successful in



John Pope
Executive Director
NAVWAR

San Diego’s information technology and cybersecurity industries.

Roundtable Expert

NAVWAR’s Command Information Security Officer, **Mark Compton**, provided his expertise to the general San Diego public and the region’s businesses by appearing on the Cyber Trends 2022 discussion series, and also contributed to the **San Diego Business Journal’s** special report

“IT Pros Share Tales From the Cybersecurity Trenches” released in late August 2022. NAVWAR experts provided insight and guidance on the technical components of the city’s new Regional Cyber Lab, which provides the greater San Diego region with coordinated cybersecurity awareness through collaborative access to tools, intelligence, and a trained and capable workforce.

Innovative Technologies

NAVWAR also partnered with the **National Security Innovation Network (NSIN)** in the Reality Bytes: Visualizing Cyber Operations hackathon, which challenged participants to research ways gaming technology could help visualize, monitor and track cybersecurity operations.

The participants kicked off the hackathon in two tracks — startups and students — to solve mixed reality and cybersecurity military challenges with commercial, off-the-shelf augmented reality and virtual reality technologies.

Then, Reality Bytes finalists pitched their solutions to improve cyber operations and the ability of **Department of Defense** personnel to visualize, monitor and respond to cybersecurity events. This included heavy participation from NAVWAR’s cybersecurity program office (known internally as PMW 130).

PMW 130 was also the lead for **HACKtheMACHINE** Unmanned, a first in a series of public-facing technology challenges designed to accelerate the U.S. Navy’s Unmanned Task Force. This challenge forged a community of partnership between the Navy, industry and academia for the creation of new high-end unmanned vehicle capabilities.

HACKtheMACHINE Unmanned offered three challenge tracks to appeal to a broad range of talents and skillsets. Competitors participated virtually from anywhere in the world and tapped into a diverse network of individuals to help the Navy solve its foremost digital challenges.



Cybersecurity Awareness Initiative of the Year Award – Private

JOURNEYS MAP

Journeys Map Leverages Tech to Guide and Boost Job Seekers

■ By GEORGE LURIE

The 2022 Cybersecurity Stewardship Awareness Award winner in the private company category, **Journeys Map**, is a San Diego-based firm focused on building bridges that lead to cybersecurity careers.

In business for two decades and led by CEO **Peter Sibley**, Journeys Map offers a customizable pathways tool that allows students to explore, select and manage their personal career journey into cybersecurity.

“Journeys Map helps raise cybersecurity awareness by leveraging patented technology that guides learners and job-seekers to the careers in cybersecurity they may or may not know about,” said **Richard Portelance**, VP and general manager at Journeys Map (Journeys).

Key to serving local, regional, statewide and national audiences is Journeys Map’s capability to support exploration, planning and attaining educational and professional success.

Portelance said Journeys is working with organizations such as **CCOE**, **CASCADE**, **NAVWAR**, **NICE**, **Cal Poly SLO** and many others to attract individuals from diverse backgrounds to explore career opportunities in cybersecurity.

Over the last 24 months, Journeys has made many presentations to Link2Cyber Programs at San Diego universities, Cyberhire, and national defense

programs with other **CASCADE** partners and statewide organizations.

“Through these presentations and demonstrations, along with practical application of the software, Journeys helps to break down the barrier of the ‘unknown’ by helping participants answer questions like ‘what training do I need to achieve a particular career?’ or ‘what path do I need to take to get from where I am today, to the job of my choice?’” Portelance said.

Journeys also offers users and businesses a custom cybersecurity ‘map’ that signposts local training opportunities and connects to regional and national career opportunities.

Embedded with real-time information on cyber education, trainings, certifications and career pathways, Journeys recently added cybersecurity-related fields such as Artificial Intelligence (AI), Machine Learning (ML) and 5G occupations, pathways and resources.

Users chart their personal path to a cyber career with the exploration dashboard and ‘zoom in’ on the map for jobs, education, resources and much more.

As California’s only Cyber Career Map, Journeys



Peter Sibley
CEO
Journeys Map

includes the **NIST/NICE** cyber crosswalks and national certifications for individuals to connect existing work roles and related skills to potential opportunities in the cyber and defense industries.

“By helping users navigate cybersecurity pathways and providing regional businesses and agencies a tool that can attract a sustainable pipeline of candidates to help fill the talent gap, Journeys is supporting San Diego as the nation’s leading region of the cybersecurity industry,” Portelance said. “Innovating new technologies and solutions to better protect our nation’s data, technology and critical infrastructure is crucial to national security.”

Journeys’ goal is to close the widening gap between cybersecurity industry needs and a shortage of cybersecurity talent that exists in the United States and around the world.

“It is people that can create and deliver the cybersecurity technologies to better protect our national security from adversaries,” Portelance said. “By automating the cybersecurity career pipeline, we are exposing far more people to careers in cybersecurity – and bolstering our nation’s critical infrastructure.”

