

MISSION

Cyber Center of Excellence is a non-profit dedicated to accelerating the region's cyber economy and positioning it as a global hub of cyber innovation.



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In 2018, CCOE continued the momentum in **workforce development, creating new business opportunities and fostering collaboration in the cyber community.** In tandem, we promoted San Diego's unique and robust cyber ecosystem through the voices of the industry's leaders.

These efforts put San Diego on the map with high-ranking state, national and international leaders and information warriors. Our Secure San Diego cyber preparedness and workforce collaboration between the public, private, academic, government and military sectors continues to serve as a template to mobilize other regions, fostering greater national security.

We thank you for your continued support in advancing the region's cyber workforce, infrastructure and global market share for a growing industry that affects all sectors of San Diego's economy.

Here's to our next milestones!

Rear Admiral Ken Slaght, USN, Retired, CCOE Chair & President

ANNUAL REPORT 2018

REVENUE

Membership and Sponsorship Revenue

\$195,733

\$223,150

EXPENSES

Program & Initiatives

\$55,011

\$82,831

Management & Operations

\$108,553

\$119,120

Marketing & Communications

\$17,046

\$36,700

RESERVES

\$79,214

\$64,091

■ FY 2018 □ FY 2017 Accounting on accrual basis



SECURE SAN DIEGO

CCOE and the City of San Diego hosted three roundtables to connect San Diego's emergency responders and critical infrastructure with the resources and expertise of the military, industry and academia for cyber incident response planning and mitigation. The productive sessions focused on coordination with the California Military Department, lessons learned from the New York and Houston Jack Voltaic exercises, development of a cyber range, potential San Diego exercises and regional communication strategies.

"Together we're working to mitigate and plan for potential cyber risks by tapping into what San Diego does best – collaborate to innovate!"

– John Valencia, Executive Director, City of San Diego Office of Homeland Security

DHS CIO TOUR

CCOE, EDC and SPAWAR hosted the U.S. Department of Homeland Security CIO and component CIOs for a tour and reception featuring 9 San Diego companies including AttackIQ, Ausgar Technologies, Brain Corp, FICO, Illumina, MindTouch, Qualcomm, Unisys and Webroot.

"During the San Diego tour, DHS personnel were briefed on cybersecurity, robotics, machine learning, data analytics and life science. There are few places where this broad a range of technologies are present."

– Dr. John Zangardi, U.S. DHS CIO, SD-UT, May 2018

TALENT PIPELINE

CCOE and Journeys launched an interactive [Cyber Career Map](#) to chart individualized cyber education, trainings and career pathways in San Diego. [CCOE's Job Board](#) hosted more than 6,500 applications for 1,203 jobs in 2018 to connect veterans, students, recent grads and seasoned professionals with career opportunities in the region. CCOE also teamed with EDC on Link to SD: Cyber and Defense programs at CSUSM, SDSU, UC San Diego and USD and is partnering with SPAWAR, SD Community College District, Able-Disabled Advocacy and local companies to pilot a regional apprenticeship program.

"CCOE is helping position San Diego as a cyber talent hotbed as we head into a 1.8 million shortfall of global cyber professionals by 2022."

– Stephanie Bulger, Ph.D., Vice Chancellor, San Diego Community College District

FBI EXECUTIVE BRIEFING SERIES

In partnership with the FBI San Diego and Lockton, CCOE launched an Executive Briefing Series to highlight industry/role-specific cyber threats, resources and mitigation strategies for San Diego's top sectors. The series kicked off with Life Sciences, General Counsel, Chief Information Security Officers and Hospitals in collaboration with Biocom, Cooley, SD CISO Roundtable and Sharp Healthcare respectively. The FBI is now incorporating San Diego's series as a best practice for other regions and the program will expand to tourism, real estate and more tech sectors in 2019.

"The FBI is pleased to partner with CCOE to ensure San Diego's key sectors are aware of the cybersecurity threat landscape and available resources."

– John Caruthers, Supervisory Special Agent, FBI San Diego

THOUGHT LEADERSHIP

CCOE hosted NATO's Science and Technology Committee and a UK delegation of senior government officials and company executives to discuss best practices in public/private collaboration, workforce cultivation, diversity and economic development with San Diego's cybersecurity industry.

CCOE and Sentek presented a Black Hat USA, BSides and DEF CON Debrief for the region's business leaders and provided speakers and content for 25 programs with the CA Governor's Military Council, SD City Council, InfraGard, Maritime Security West, NICE, SD County Office of Education, SD Workforce Partnership and many more.

"In two of the most important global hubs for science and technology (San Diego and Silicon Valley), 19 members of parliament from 15 Allied countries explored emerging themes such as extremism online; cyber security; defense innovation; election integrity; and unmanned technologies."

– NATO News, October 2018

MARKETING AND COMMUNICATIONS

CCOE hosted a five-part Cybersecurity Series on ESPN 1700 BISTalk Radio during National Cybersecurity Awareness Month. The series featured esteemed leaders from CCOE, City of San Diego Office of Homeland Security, ESET, FICO, FBI, Sentek, SPAWAR and Teradata and highlighted the threat landscape and innovative tools, tech and resources available in San Diego's robust cyber ecosystem. CCOE also secured 12 stories highlighting the region's cyber prowess and increased our digital community by 20% to connect on industry news and events, best practices and career and business opportunities.

"San Diego is uniquely positioned to be a leader in cybersecurity – not only in California but in the United States and even the world."

– California Cyberhub, October 2018

2018

ANNUAL REPORT