



# Norwich University

# CYBER TIMELINE



\$3.58 million grant from the NSF for student scholarships in **Scholarship for Service** program. Tokyo's Allied Telesis K.K. partners exclusively with Norwich University on cybersecurity services.

Norwich receives two grants totaling over \$170,549 from the **National Security Agency (NSA)** and the **National Science Foundation (NSF)** to host two GenCyber summer camps.

At its annual Residency Conference, Norwich's College of Graduate and Continuing Studies hosts the second annual **Cybersecurity Summit** featuring international experts.

2018

2019

Norwich Awarded 1 x GenCyber Camp  
NU and U.S. Senator Patrick Leahy, D-VT, announce **\$7.3M for 3 grants** to advance cybersecurity programs:

**1. Army Energy Resilience contract, \$499K:** Norwich University Applied Research Institutes (NUARI) and Norwich's Center for Global Resilience and Security (CGRS) will work with U.S. Army **Engineer Research and Development Center (ERDC)** and **Cold Regions Research and Engineering Laboratory (CRREL)** to develop an energy-resilience research track to include issues of cybersecurity.

**2. Reserve Forces Scholarship Program, \$905K:** To fund education of National Guard and Reserve Forces through Norwich's College of Graduate and Continuing Studies (CGCS) online programs in response and recovery of cybersecurity issues.

**3. DECIDE Energy Contract, \$5.9M** funded by the Department of Homeland Security Science and Technology and supported by the United States Air Force: To expand development of this simulation-based cyber exercise tool originally developed by NUARI for the financial sector into the energy sector.

2020

**NSA Evidencing Competency** - Norwich University has been awarded a two-year \$1.6 million grant from the National Security Agency and is the lead institution in the Evidencing Competency Oversight Project, supporting the National Centers of Academic Excellence in Cybersecurity (NCAE-C) Program.

**Arctic Microgrid Program** - Norwich University Applied Research Institutes (NUARI) secures a contract worth \$625K to identify the necessary requirements to characterize, design, simulate and develop plans to prototype and test cold regions microgrids.

Norwich successfully redesignated as a CDFAE by the DC3.

Norwich Awarded 2 x GenCyber Camps (delayed until 2021).

Norwich University receives **\$19.5 million grant** to lead Defense Department Cyber Institute program.

2021



Norwich University receives **\$18.5 million grant** to continue to develop Defense Department Cyber Institute program.



Norwich University and the Norwich DoD Cyber Institute hosts the first ever Cybersecurity Research in Undergraduate Programs (CyRUP) conference with representatives from all 6 SMCs and 3 prominent keynote presentations.

Norwich University receives **\$4 million in federal funding** to create an artificial intelligence (AI), machine learning and quantum computing academic and experiential learning center.

The National Cybersecurity Preparedness Consortium Act, sponsored by U.S. Senator Patrick Leahy, D-VT, is signed into law, making Norwich University one of four to partner with the DHS to train first responders and state and local government officials on cybersecurity, create information-sharing programs and expand state and local cybersecurity risk and incident prevention and response.

Under the Cyber Institutes, Norwich University hosts students and faculty from Senior Military Colleges (SMC) for a weeklong Cyber Summer Immersion.

AREAS of STUDY

Bachelor of Science in Computer Security & Information Assurance

Graduate Certificates in Information Security & Assurance (online programs)

Bachelor of Science in Cyber Security (online degree completion program)

Master of Science in Information Security & Assurance (online program)

CSIA is one of the most popular undergraduate majors.

CSIA graduates have gone on to careers at NSA, DHS, DoD, Booz Allen Hamilton and in federally-funded research, among others.

Many students get job offers before they graduate.

There are over 1,145 MS in Information & Security Assurance alumni.

The National Center for the Study of Counter-Terrorism and CyberCrime at Norwich University (later **NUARI**) is funded through a U.S. Department of Justice grant.

NU enters the NSF Cyber Corps.

Online **Master of Science in Information Assurance Program** launches (later to become M.S. in Information Security & Assurance).

2017



Norwich University is named a **Center of Academic Excellence in Cyber Defense Education (CAE-CDE)** by the NSA and Department of Homeland Security (DHS) through 2022. The Department of Defense (DoD) Cyber Crime Center certifies Norwich as a **National Center for Digital Forensic Academic Excellence (CDFAE)**.

College of Graduate and Continuing Studies (CGCS) holds the inaugural **Cybersecurity Summit** bringing leaders together to discuss the latest in federal cyber policy.

NUARI on behalf of NCPC receives \$2.2M FEMA training grant for cybersecurity training for first responders.

Norwich is first ever location outside of the EU to host the Reserve Officers' Association (ROA) Department of Europe and the Verband der Reservisten der Bunderwehr (VdRBw) Partnership Seminar. Two Norwich alumni present on the topic of cybersecurity and national security.

2016



The Norwich Bachelor of Science in Computer Security & Information Assurance program was the only educational institution invited to support Santa Clara Police Department at **Super Bowl 50**.

**Norwich's Master of Science in Information Security & Assurance is ranked #3** in the top 10 best cybersecurity graduate programs in the U.S. by *Universities.com*.

Norwich University Applied Research Institutes (NUARI) deploys DECIDE-FS software simulation in South Africa, facilitating a cyber-resiliency response exercise with 16 institutions integral to its **financial markets**.

**Norwich awarded NSA grant to train the next generation of cyber soldiers**, awarding scholarships to U.S. Army Reserve soldiers to enter the online Information Security & Assurance certificate programs.

NU becomes one of six universities **in the U.S. to officially partner with the U.S. Army Reserve** to develop cyber-education curricula that aligns with federal standards and cybersecurity needs.

2015



**Online Bachelor of Science in Cyber Security (BSCS)**, a degree completion program, launches at College of Graduate and Continuing Studies.

The 20th Anniversary **William E. Colby Military Writers' Symposium** addresses the theme of cyber security and privacy.

The **302nd Information Operations Battalion Web OpSec detachment**, a United States Army Reserve detachment, forms on the Norwich campus.

NUARI runs **Quantum Dawn III** simulation with over 80 financial institutions and government organizations in the largest financial sector cybersecurity exercise in the U.S.

Norwich University receives its first NSA/NSF grant to run a **GenCyber summer camp** for high school students. Norwich runs Gen-Cyber camps with annual funding every subsequent summer (except 2020 pandemic year).

2014

PI

Norwich rated number two for its cyber security academic programs in the U.S. by the **Ponemon Institute** in a survey of nearly 2000 information security professionals assessing 403 colleges and universities.



U.S. Senator Patrick Leahy, D-VT, announces a **\$9.9 million Homeland Security contract** to NUARI to continue work on DECIDE simulation software.

NUARI runs **Quantum Dawn II** with 50 organizations and 500 participants in the financial sector. At this time, it is the only cyber threat exercise of its kind.

2013

1999



**Bachelor of Science in Computer Security & Information Assurance (BSCSIA)** program launches. Based on theory and hands-on experience, the program utilizes state-of-the-art forensic tools, offering concentrations in Advanced Information Assurance and Digital Forensics.

2001



The NSA designates Norwich University as a **National Center of Academic Excellence in Information Assurance Education (CAE-IAE)** for the first time.

2002



Norwich joins/founds the **National Cybersecurity Preparedness Consortium (NCPC)** along with the University of Memphis Center for Information Assurance (Memphis); University of Arkansas System Criminal Justice Institute (CJI); University of Texas at San Antonio's Center for Infrastructure Assurance and Security (CIAS); and Texas A&M Engineering Extension Service (TEEX).

2004

2009



**NU Center for Advanced Computing and Digital Forensics (NUCAC-DF)** is created. **NUARI and U.S. Senator Patrick Leahy, D-VT, announce a \$15 million contract**, of which \$6 million is awarded through the Air Force Research Lab in Rome, NY, to fund research to develop Web\*DECIDE, a war gaming platform for the financial sector.

2010

Sen. Leahy Announces **\$1.6 Million** For Cyber Security Research At Norwich University



Norwich University receives U.S. Department of Defense Cybercrime Center of Digital Forensic Academic Excellence (**CDFAE**) designation for the first time.

NUARI runs **Quantum Dawn I**, the largest critical infrastructure cyber threat exercise with the financial sector at the time.

2011