



FEDERAL PUBLICATIONS  
SEMINARS®

# CYBER SECURITY THE NEW BUSINESS PRIORITY

**August 15-16, 2017**

**\$795**

**Minneapolis, MN**

**Embassy Suites Minneapolis Airport**

## **Who will benefit from attending this event?**

Open to all professionals including senior business leaders, business managers, compliance officers, CIOs, cyber operations professionals, IT managers, industrial security professionals, information assurance professionals, government contractors in management and administration, general counsel, general law practitioners, and program and project managers.

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# Cyber Security Conference

## Overview and Schedule

### Conference Overview

Norwich University and Federal Publications Seminars are proud to deliver their first annual Cyber Security Conference: The New Business Priority. Threats are waging cyber war on businesses as close to you as your internet service provider (ISP). Malicious parties are in our networks creating havoc, undermining critical infrastructure, and stealing intellectual property. Cyber criminals are extracting money from our companies, and sometimes, all it takes is an errant click.

Our cyber security conference is organized to motivate and empower business leaders to understand threats, organize their defenses, and prepare to respond and recover from the inevitable cyber breach. The presenting speakers are not only leaders in their field, they are also practitioners in the preparation, defense, and recovery from cyber and information security events.

### Tuesday, August 15

- 7:00-8:15 Breakfast
- 8:15-8:30 **Welcome Address**  
William Clements, PhD  
Andy King
- 8:30-9:45 **Cyber Security:  
Analyzing Public Facing Information**  
George Silowash  
Phil Susmann
- 9:45-10:00 Break
- 10:00-11:15 **Insider Threats**  
George Silowash
- 11:15-12:00 **Panel Discussion**  
George Silowash  
Phil Susmann  
Thomas Hyslip, ScD
- 12:00-1:00 Lunch
- 1:15-2:15 **Global Threats and Emerging Trends  
in Cyber Crime**  
Thomas Hyslip, ScD
- 2:15-2:45 **Q&A with Tom**  
Thomas Hyslip, ScD
- 2:45-3:00 Break
- 3:00-4:30 **Keynote:  
Addressing the Cyber Security Workforce**  
Scott Nelson
- 4:30-4:45 **Day's Concluding Remarks**  
William Clements, PhD  
Andy King
- 4:45-5:45 Reception/Appetizers

### Wednesday, August 16

- 7:30-8:45 Breakfast
- 8:45-9:00 **Introduction for the Day**  
William Clements, PhD  
Andy King
- 9:00-10:00 **Cyber Law**  
Bill Yurek
- 10:00-10:30 **Q&A with Bill**  
Bill Yurek
- 10:30-10:45 Break
- 10:45-11:45 **Introduction to DECIDE™ Software**  
Phil Susmann
- 11:45-1:00 Lunch
- 1:00-3:00 **DECIDE™ Exercise:  
Responding to a Cyber Attack**  
Phil Susmann
- 3:00-4:00 **Exercise Results/Review**  
Zachary Fuller
- 4:00-4:30 **Closing Remarks**  
William Clements, PhD  
Andy King

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# Cyber Security Conference

## Day 1: Sessions Details

### Session 1 – Cyber Security: Analyzing Public Facing Information

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Cyber security is a technical field, complete with a unique lexicon steeped in acronyms. Clear communication is important in understanding the impacts and business outcomes of a security incident. Security personnel and projects are more easily managed by someone who is familiar with the language and terms of network architecture and systems.

In this session, we explore the language of cyber security: breach, incident, attack surface, threat, defense, response, and recovery from the perspective of the business professional. We will put into context the impact of cyber events, and how rational decisions can be used to manage and mitigate risk.

### Session 2 – Insider Threats

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Malicious insiders can cause serious harm to organizations because they have access to systems and data. In this session, we will explore real cases of insiders who have caused damage to organizations. We will define what a

malicious insider is and discuss mitigating steps an organization can take to prevent, detect, and respond to the threat of malicious insiders.

### Session 3 – Global Threats and Emerging Trends in Cyber Crime

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In recent years, we have witnessed a convergence of cybercrime and espionage, where nation states pose as criminals and criminals use nation state tactics to mask the true identity and intention of the attacks. The obscured nature of attacks coupled with their growing frequency, make accurately detecting the source and target of the attack increasingly difficult. Therefore, cyber security professionals must be aware of the latest tactics

of both nation states and cyber criminals to protect their networks. In this presentation, Dr. Hyslip will highlight the latest trends and threats used by both cyber criminals and nation states, including Ransomware, business email compromises, spear phishing, Mirai IoT Botnet, Chinese APT1, Russian APT28, and DDoS attacks. Best practices and counter measures will be discussed, and an overview of the most recent attacks will be presented.

### Session 4 – Keynote – Addressing the Cyber Security Workforce

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Our keynote speaker, Mr. Scott Nelson, will dive deep into the recent and dramatic shift in the information security labor market. The discussion will include an analysis of

how, why, and where skills gaps exist. Mr. Nelson will also explore how business leaders can address the challenges associated with recruiting genuine talent.

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# Cyber Security Conference

## Day 2: Sessions Details

### Session 5 – Cyber Law

The majority of cyber infrastructure is owned and operated by the private sector. As a result, the information technology laws that impact both the government and the private sector, including the privacy rights, often involve modern data storage systems.

We will discuss developments in cyber law over the past year, including criminal, civil, regulatory, international, and common laws affecting the protection, use, and privacy of digital information.

### Session 6 & 7 – Introduction to DECIDE™ Software and DECIDE™ Exercise

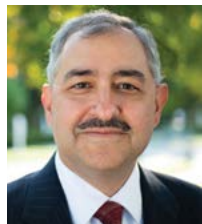
Are your incident response plan processes and procedures appropriate for the threats you face? Our customized risk simulation platform helps firms measure their own risk maturity level. Using DECIDE™, Norwich University Applied Research Institute (NUARI) provides a distributed web-based environment for all staff to

practice decision-making in how to deal with business disruptions – and the analytical tools for senior leaders to see the results of those decisions. A DECIDE™ exercise is centered around a risk framework, which incorporates your industry peers and supply-chains to simulate systemic risk.

## Speaker Biographies

### William Clements, Ph.D.

Vice President & Dean, College of Graduate and Continuing Studies, Norwich University



William “Bill” Clements, PhD, has several roles at Norwich University. In addition to serving as Dean of the College of Graduate and Continuing Studies (CGCS), he is the College’s Vice President of Academic Affairs and a professor in the undergraduate criminal justice program. Prior to becoming Dean in 2005, he was the founding director of the Master of Justice Administration program and the executive director of the Vermont Center for Justice Research, an institutional research partner of Norwich University.

Dean Clements began his Norwich career in 1987 as a criminal justice professor and was among the first Norwich professors to integrate online instruction and web-based resources into his teaching.

Dean Clements is the former president of both the Northeast Academy of Criminal Justice Sciences and the Justice Research and Statistics Association. He currently serves as co-editor of Justice Research and Policy and most recently completed a term as an appointed delegate to the JRSA executive committee. He received his BS from Clarkson University and his MA and PhD in sociology from the University of Delaware.

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## Scott Nelson

Vice President, Secure|Set Academy, LLC



Mr. Scott Nelson is currently the Vice President for Operations, for the Cyber Security Academy at Secure|Set Academy LLC, a Denver based private post-secondary accredited education company. In this capacity he is responsible for operations of

multiple locations of the Academy program and three distinct missions; K-12, Entry level cyber security applied education (CORE program) and Executive/C-Suite and Board education. Scott is also an US Army Reserve Colonel who recently transitioned off active duty as

the national director for the USAR Cyber Public Private Partnership initiative and Deputy Commander of the Army Reserve Cyber Operations Group, overseeing the standup of 10 Army Cyber Protection Teams. Additionally, Scott serves as the National Cyber Exchange volunteer Director of a national 6 State Regional Information Sharing and Threat Analysis initiative. Scott is a graduate of the Army War College, University of Montana and currently pursuing a second Masters in Infrastructure Protection Management at the University of Washington.

## Phillip Susmann

President, Norwich University Applied Research Institute (NUARI)  
Vice President of Strategic Partnerships, Norwich University



Phil Susmann is the President of Norwich University Applied Research Institutes (NUARI). NUARI serves the national public interest through the study of critical national issues and the development of related educational and training programs.

NUARI conducts rapid research, develops and deploys needed technologies and addresses related policy and technology issues to enhance the national capability for preparedness and response.

Phil Susmann is also Vice President of Strategic Partnerships at Norwich University. He is responsible to the President of the university for government relations, strategic cyber security business development, and supporting the Board of Trustees New Business Initiatives and Strategic Planning Committee. Phil has been at Norwich University for 30 years as a faculty member, Chief Information Officer, and was responsible for the creation of the Cyber Security Programs, and the research and development activities that became NUARI.

## George Silowash

Chief Information Security Officer, Norwich University



George J. Silowash is the Chief Information Security Officer (CISO) for Norwich University as well as the Academic Associate Program Director for the Master of Science in Information Security and Assurance. Mr. Silowash is responsible for the University's

information security program and for developing and maintaining curriculum for the graduate program.

Previously, he was a member of the technical staff within the CERT Division at Carnegie Mellon University's Software

Engineering Institute where he developed technical controls for mitigating insider threats. Mr. Silowash was also an Information Systems Security Officer for the United States Department of Justice, National Drug Intelligence Center.

George has a Master of Science in Information Assurance from Norwich University and is a Certified Information Systems Security Professional, Information Systems Security Management Professional (CISSP-ISSMP), Certified Cyber Forensics Professional (CCFP) and is a GIAC Certified Forensics Examiner (GCFE).

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## **William A. Yurek, J.D., CCIPS, CCI**

Director, Cyber Intrusion Investigations at Defense Criminal Investigative Services



William A. Yurek is Director of Cyber Intrusion Investigations at the Defense Criminal Investigative Service (DCIS), and is the DCIS liaison to the National Cyber Investigations Joint Task Force, International Cyber Crime Center, and other national task forces and centers.

Prior to this position, Mr. Yurek was a Senior Counsel in the Computer Crime and Intellectual Property Section (CCIPS), Criminal Division, U.S. Department of Justice in Washington D.C. Before that, Mr. Yurek was a Senior Counsel in the Enforcement Division of the U.S. Securities

and Exchange Commission (SEC). While at the SEC, Mr. Yurek conducted the first investigation and prosecution of an internet stock manipulation scheme in SEC history.

Mr. Yurek was a Team Leader and Investigator for the US House of Representatives Select Committee on National Security and the Peoples Republic of China. He was a Special Assistant US Attorney in the Eastern District of Virginia, the Central District of California, the Southern District of Florida and the District of Columbia. Mr. Yurek also served as Counsel and Deputy Director of the Washington DC area Joint Cyber Task Force.

## **Thomas Hyslip, Sc.D.**

Resident Agent in Charge of Department of Defense  
Defense Criminal Investigative Services, Cyber Field Office, Eastern Resident Agency



Dr. Thomas Hyslip is currently the Resident Agent in Charge of the Department of Defense, Defense Criminal Investigative Service (DCIS), Cyber Field Office, Eastern Resident Agency. Prior to joining the DCIS, Dr. Hyslip was a Special Agent with the US

Environmental Protection Agency, Criminal Investigation Division, and the US Secret Service.

Dr. Hyslip is also a Colonel in the U.S. Army Reserves and is currently assigned as the senior Army Reserve Officer to the U.S. Army, Office of the Surgeon General, Deputy Chief

of Staff for Public Health. In 2005, COL Hyslip deployed to Iraq with the 306th Military Police Battalion and earned a Bronze Star, Purple Heart, and Combat Action Badge.

Dr. Hyslip is currently an adjunct faculty member at Norwich University. He has authored three books in the Bit Wars Series on cybercrime and hacking. Dr. Hyslip received his Doctor of Science degree in Information Assurance from Capitol College, he holds a Master of Science degree from East Carolina University, and a Bachelor of Science degree from Clarkson University. Dr. Hyslip is a Certified Information System Security Professional (CISSP) and a Certified Ethical Hacker (C|EH).

## **Zachary Fuller**

Cyber Intelligence Analyst, Norwich University Applied Research Institute (NUARI)



Zachary Fuller is an exercise content developer and cyber intelligence analyst at NUARI. He focus is sector-specific threats and vulnerabilities impacting critical organizational functions and services.

Mr. Fuller is trained in Network Warfare (NW) operations, both offensive and defensive, as a member of the US Department of Defense (DoD). He is a Subject Matter Expert on NW operations concepts,

operational function, policy, doctrine, guidance, and mission execution. Mr. Fuller is experienced in operating systems commands, Voice Over Internet Protocol, Secure Communication, Industrial Control Systems, Tactical Data Links, and Satellite Communications.

Mr. Fuller's experience includes state-wide emergency response efforts integrating of local, state, and federal assets, establishing sector-wide communication, and information sharing. He has an extensive educational background in information systems and risk management.

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# Norwich University College of Graduate and Continuing Studies

## Online Learning at Norwich

Norwich University has built an online learning environment that facilitates individual engagement, deep learning, networking, peer support, and one-on-one contact with faculty and student support staff. The online learning platform offers 24/7 access and support, enabling students to engage with program content and contribute to class discussions at any time from any location each week.

Our curricula incorporate coursework specifically designed to help students succeed in the online learning environment. Classrooms are highly interactive and are linked to extensive online learning resources.

A cyber education at Norwich provides students with the competencies needed to build and defend both private and national cyber-based systems. As one of the early institutions to be recognized by the National Security Agency and Department of Homeland Security as a Center for Academic Excellence in Information Assurance Education, the curricula are continually evolving to keep pace with the current cyber environment and best practices.

## Blending Theory and Practice

Our rigorous academics explore the technical theories and methods behind cyber security, best practices in information assurance technology, organizational structure and policy development, the regulatory environment, and management strategies. Key skills fostered throughout the programs include written communications, critical analysis, problem solving, project management, and leadership.

## Superb Teacher-Practitioners

Our faculty members have broad industry and research experience that informs and enriches their teaching, providing students with real-world insight and a context for applying their expanded skills and knowledge.

## The Norwich Advantage

- ✓ Flexible online platform allows students to complete classwork around their busy schedules.
- ✓ High degree of interaction with Norwich faculty and classmates in small online classrooms.
- ✓ Application of critical thinking, ethical decision-making and leadership throughout the curriculum.

Faculty work closely with students and inspire them to produce their best work, motivate them to reach higher and further than they thought possible, and encourage them to make a difference. The faculty's mission is to teach and mentor the next generation of cyber security leaders.

## About Norwich University

Founded in 1819, Norwich University is a private, not-for-profit university with liberal arts and professional programs. Campus is located in the town of Northfield, Vermont and provides education to both military and traditional students. As part of Norwich University, the College of Graduate and Continuing Studies delivers online programs in a rigorous academic environment by building on the nearly 200 years of university tradition. When you enroll in our online programs, you will become a part of Norwich's legacy, which dates back to our founding as the nation's first private military college.

## Accreditations and Accolades



Norwich University is regionally accredited by the New England Association of Schools and Colleges, Inc., through its Commission on Institutions of Higher Education.



Norwich University's online bachelor's degree programs are recognized as some of the best in the country by U.S. News & World Report.



Norwich University is recognized as a military friendly school as determined by the Military Friendly Schools Academic Advisory Board Committee Members.

The National Security Agency and Department of Homeland Security have designated Norwich as a Center for Academic Excellence in Cyber Defense.



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## Stay Current and Compliant; Reduce Your Organization's Risks

FPS strives to provide superior and comprehensive educational opportunities for beginning through advanced levels.

Through the efforts of our exceptional faculty and staff, we invest our knowledge and resources to foster the success of each government contracting professional who attends an FPS program.

### We Offer a Variety of Ways to Learn

#### In the Classroom:

- 250+ seminars are offered each year
- Courses are in locations across the country
- 4,000 individuals, representing over 2,500+ different corporations, law firms & government agencies, are trained each year

#### FPSOnline

Our extensive library includes 250+ online programs and approximately 10 new programs are added each month. Programs can be purchased individually or as an FPSOnline Subscription which gives access to our entire library. Online learning provides:

- 24x7 access to diverse content coverage that's current and relevant
- A cost effective way to stay current and compliant
- A way to bridge the gap between classroom training sessions

#### FPS In-House Training:

We can bring training to your location. We'll customize training programs around your schedule, within your budget. No minimum number of participants required.

## FPS Experience

We provide comprehensive opportunities on up-to-date topics that are of critical importance to government contracting activities.

With hundreds of the highest quality courses, and course materials that are second to none, Federal Publications Seminars remains the leader among government contracts training organizations across the globe.

### World Class Teaching

FPS retains the most revered faculty in the industry. Instructors are nationally recognized specialists in the government contracting industry. Many are accomplished authors of publications that in most cases are the industry standards.

### Extensive, High Quality Curriculum

FPS' course materials are regarded as the best in the industry. We continually refine and update our courses and materials to provide you accurate, concise information - from solid fundamentals examining core principals to highly technical analysis of specific subjects and issues.

## 60 Years of Excellence

Federal Publications Seminars (FPS) has been the leading provider of the highest quality government contracts training since 1958.

### Premier Training for Doing Business with the Federal Government

Viewed by most as the "gold standard" in federal contracts training, our courses are taught by the most respected and revered faculty in the industry. Federal Publications Seminars:

- Helps government contracting professionals gain the skills and knowledge they need to secure or manage government contracts and grants
- Provides industry-leading training that keeps contracting professionals, accountants, and attorneys up to speed on the rapidly changing world of government contracts

## Earn Education Credits



DAU Approved  
Provider of  
Continuous  
Learning  
Points (CLP)

#### CLP: CONTINUOUS LEARNING POINTS

FPS is a Defense Acquisition University-approved provider of Continuous Learning Points (CLPs).



#### CPE: CONTINUING PROFESSIONAL EDUCATION

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#### CLE CONTINUING EDUCATION

West LegalEdcenter, accreditation partner of Federal Publications Seminars, is an approved provider of Continuing Legal Education. States have widely varying regulations regarding MCLE credit.



#### NCMA CONTRACT MANAGER CERTIFICATION

All FPS courses are designed to meet the course requirements of the NCMA's certification programs. FPS is a proud NCMA Education Partner.

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