



## MAY 2016 NEWSLETTER

\* \* \*

### IMPORTANT ANNOUNCEMENTS EDUCATION CLASSES, EVENTS and CONFERENCES

#### IN THIS ISSUE:

Announcements: Board of Directors Election; Bylaws Changes; ISACA® Purpose + Promise; 2016 Wasserman Award Recipient; Cybersecurity Wearables Research

Current Education Classes: Two classes scheduled on auditing cybersecurity

Upcoming Certification Exam Review Classes: Schedule of review classes for the September 2016 exams

Conferences: ICCS 2016; FinCyberSec 2016; NEACS 2016

2016 Student Competition: Security Audit Case Study Competition with Prizes - Date TBA

Technology Corner: Study Highlighting Higher Education Gap in Cybersecurity

#### ANNOUNCEMENTS

##### Chapter Board of Directors Election

Voting for the 2016-2017 Board of Directors will occur in late May. Candidate information and voting instructions will be emailed to Chapter members and posted on the Chapter website. For more information, email [Nominations@isacany.org](mailto:Nominations@isacany.org).

##### Chapter Bylaws Changes

Proposed changes to the Chapter's Bylaws are available for download for your review on the [Chapter website](#). In late May, you will receive emailed instructions on voting to accept the proposed changes. If you have any questions, please email [President@isacany.org](mailto:President@isacany.org).

##### ISACA® Purpose + Promise

As the leading global association for IT professionals, ISACA has never been more relevant than today due to the pervasiveness of technology in our personal and professional lives. ISACA is driven by our **Purpose + Promise** to guide us through the fast-paced evolution of technology. **Purpose**: Help you realize the *positive potential* of technology. **Promise**: Inspire confidence that *enables innovation* through technology.

ISACA invites you to share "your ISACA story" to inspire others to be innovative. *How has ISACA helped ... you realize the positive potential of technology? ... OR a colleague develop as a professional? ... OR your organization grow or thrive?*

Email [ourpurpose@isaca.org](mailto:ourpurpose@isaca.org) your story in writing (few sentences or several paragraphs) or a brief video (three minutes or less).

##### 2016 Wasserman Award

Dr. Ron Ross, Fellow at the National Institute of Standards and Technology (NIST), will receive the Joseph J. Wasserman award on June 23, 2016 at the Chapter's Annual Gala. Dr. Ross leads the Federal Information Security Management Act Implementation Project, as well as the Joint Task Force, an interagency partnership with the Department of Defense, the Intelligence Community, and the Committee on National Security System. For more information, contact the Wasserman Committee Chair [Alexander.Abramov@isacany.org](mailto:Alexander.Abramov@isacany.org).

##### Cybersecurity Wearables Research

You can contribute to ISACA's global effort to develop controls guidance for this emerging area. Take a 10-minute survey at <https://www.research.net/r/KQ2L5X7>. In addition, you can participate in creating ISACA's guidance document, contact the Chapter Research Director [Sharon.Parker@isacany.org](mailto:Sharon.Parker@isacany.org).

##### Volunteer Opportunities

Current volunteer opportunities are listed at [Volunteer Activity Descriptions](#). In addition to planning, analytical, and writing skills, we also need volunteers with Social Media and HTML expertise. Send an email expressing your interests and highlighting your skills to [volunteer@isacany.org](mailto:volunteer@isacany.org).

#### UPCOMING CHAPTER EVENTS

Registration and information links for education classes, membership events, ISACA certification exam review classes, and conferences are provided when available in subsequent sections of this newsletter and on the [Chapter website](#).

May 19-20 || **Auditing CyberSecurity Governance and Controls** || **Location:** Pace University, 163 William Street, New York City.

June 1-2 || **Auditing Your CyberSecurity DMZ Network** || **Location:** 55 E 52nd Street, New York City.

June 23 || **Annual Gala and Wasserman Award Dinner** || **Location:** The Union League Club, 38 E 37th Street, New York City.

August 7-25 || **Certification Exam Review Classes** || See schedule in Certification section below.

## EDUCATION

Committee Chair [Alexander Abramov](#)



The Education Committee provides a diverse education program to support the professional development of IT Audit/Assurance, Risk, Security, and Governance professionals. For more information about the Education Committee, or if you would like to host a class or suggest training topics, please contact [Education@isacany.org](mailto:Education@isacany.org).

Full time students and veterans are eligible for 25% discount of member rates, upon presentation of current class schedules or valid IDs.

### Current Education Classes

#### **Auditing Cybersecurity Governance and Controls - [Register Now!](#)**

May 19-20, 2016, Pace University, 163 William Street, 2nd floor, New York, NY 10038

Many important CyberSpace controls are related to the protection of valuable information assets and increasingly demanding regulatory compliance requirements. In this highly practical workshop, you will cover the essential background information, resources, tools, and techniques necessary to plan and launch a wide range of hard-hitting, cost-effective CyberSecurity audits that should be performed by internal and external auditors, Information Security professionals, and IT staff. You will explore not only management and administrative controls, but also the fundamentals of important logical security controls for protecting valuable information assets and associated CyberSpace resources. You will receive a variety of invaluable checklists, matrices, and other worksheet tools.

#### Learning Objectives

- Gain familiarity with the major CyberSecurity drivers, including risk and regulatory compliance
- Classify and assess the significance of common and emerging threats to CyberSecurity
- Identify key CyberSecurity controls and how they affect the confidentiality, integrity, and availability of information assets
- Learn to view and assess CyberSecurity controls from an architectural perspective covering administrative, physical, and technical controls

This class is taught by N. Kelson, CPEi.

Level: Intermediate; 16 CPE

#### **Auditing Your CyberSecurity DMZ Network - [Register Now!](#)**

June 1-2, 2016, BlackRock, Inc., 55 E 52nd Street, 7th Floor, Rm 7M, New York, NY 10022

Today's Internet connections are typically shielded by a Demilitarized Zone (DMZ), a critical CyberSecurity buffer between your organization's internal network and the outside world. Firewalls, intrusion detection/prevention systems, proxy servers, load balancers, filtering routers, VLANs, and VPNs all play a major role in regulating and restricting traffic flowing to and from Internet CyberSpace. Failure to properly configure, maintain, and monitor a secure and efficient DMZ increases the risk of your organization being attacked by CyberCriminals and other external intruders. This intensive seminar is designed to equip you to better protect and audit your network's perimeter CyberSecurity through a blend of practical, up-to-the minute knowledge transfer and audit case studies.

In this seminar, we will discuss:

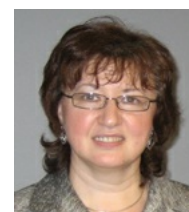
- Developing a DMZ and Network Perimeter CyberSecurity Audit Plan: Identifying the Control Points
- Tools and Techniques for Auditing Network Devices and Perimeter CyberSecurity
- Reviewing Your Network CyberSecurity Traffic Filters: Border Routers, Firewalls, Proxy Servers
- Auditing Encryption for Data in Motion: SSL/TLS, VPNs

This class is taught by K. Cutler, CPEi.

Level: Advanced; 16 CPE credits.

## CERTIFICATION

Committee Chair [Raisa Serebrenik](#)



The Certification Committee delivers review classes for ISACA® certification exams. For information about the Committee or review classes, or if you would like to host a review class, contact [Certification@isacany.org](mailto:Certification@isacany.org).

As the June exam date approaches, we wish success to all exam takers.



Review classes for the September 10, 2016 ISACA certification exam are scheduled to start in early August - see the schedule below. Class registration will open in June. The classes will be taught by Jay Ranade, who has been teaching ISACA exam review classes for the New York Metropolitan Chapter since 2006.

## Upcoming Review Classes

**CISA Exam Review Class (onsite & live webinar) - 3 days, 25 CPEs**  
Sunday, August 7, August 14, and August 28, 2016 from 9:00 AM - 5:30 PM (EST)

**CISA Exam Review Class & IT Boot Camp (package) (onsite & live webinar) - 4 days, 33.5 CPEs**  
Sunday, August 7, August 14, August 21 (IT Boot Camp), and August 28, 2016 from 9:00 AM - 5:30 PM (EST)

**CISM Exam Review Webinar (live webinar) - 4 days, 19 CPEs**  
August 15 (Monday), August 17 (Wednesday), August 22 (Monday), August 24 (Wednesday) from 9:00 AM - 1:30 PM (EST)

**IT Boot Camp Webinar for CISA, CRISC, CISM and CGEIT (live webinar) - 1 day, 8 CPEs**  
Sunday, August 21, 2016 from 9:00 AM - 5:30 PM (EST)

**Cryptography Webinar (live webinar) - 3 hours, 3.25 CPEs**  
Thursday, August 25, 2016 from 9:00 AM - 12:00 PM (EST)

This class is complimentary for all attendees of the above review classes. Instructions for accessing this webinar are emailed shortly before the webinar date.

## 2016 Recognition Event for Certification Recipients

The Chapter's annual Recognition Event was held on March 16<sup>th</sup> at Union League Club. We celebrated the achievement of 285 Chapter members who received certifications in 2015. In addition, 23 Chapter members were among the top 3 scorers in exams taken during 2015. Congratulations to all of you on this achievement!



Top Scorers on 2015 exams with Raisa Serebrenik (Committee Chair), Lance Flocco and Sam Malla (Committee Members), and Chapter President Marguerite McCarthy.



Chapter members at the Recognition Event who were certified in CISA, CISM, CRISC and CGEIT in 2015 with Chapter President Marguerite McCarthy.

**Enhance your career by earning a new ISACA certification this year!**

We look forward to meeting you at our upcoming membership events.

Questions on ISACA certifications? Contact ISACA HQ staff at [certification@isaca.org](mailto:certification@isaca.org).

Find CPE reporting FAQs at <http://www.isaca.org/Certification/Additional-Resources/Pages/CPE-FAQs.aspx>

## CONFERENCES

### Monday July 25 - Thursday July 28, 2016 -- International Conference on Cyber Security (ICCS 2016)

The Federal Bureau of Investigation and Fordham University will host the Sixth International Conference on Cyber Security in New York City. ICCS is an unparalleled opportunity for global leaders in cyberthreat analysis, operations, research, and law enforcement to coordinate their efforts to create a more secure world. The New York Metropolitan Chapter is honored to participate as a sponsor of this conference. [REGISTRATION IS OPEN - Click Here to Register for this Conference](#)



## Conference Highlights

### Risk versus Benefit

How much confidence do you have in your knowledge and your organization's ability to address cyber risks? Will you be able to deal with a nation state intrusion? Build relationships at ICCS 2016. Join us in New York at ICCS 2016 as the global cyber community's safety moves forward with both confidence and trust.

### FBI Director James B. Comey

The Honorable James B. Comey, Director of the Federal Bureau of Investigation, will be the keynote speaker at this year's conference. ICCS 2016 features over 30 unique lectures and panels in the disciplines of emerging technologies, operations and enforcement, and real-life experiences. ICCS 2016 presents exceptional opportunities to meet and talk with some of the greatest cybersecurity experts in the world.

### Lights Out? Ted Koppel Moderates the Distinguished Panel on the Power Grid

Noted journalist and author of *Lights Out: A Cyberattack, A Nation Unprepared, Surviving the Aftermath*, Ted Koppel will moderate the distinguished panel on the power grid. Joining Mr. Koppel will be retired General Keith Alexander, CEO and President of IronNet Cybersecurity and former Director of the NSA; Gil Quinones, CEO and President of the New York Power Authority; and a representative from the Israeli Prime Minister's Office.

---

## Wednesday June 1, 2016 -- FinCyberSec 2016

The Hanlon Financial Systems Center at Stevens Institute of Technology, in partnership with the New Jersey Chapter of ISACA, will host FinCyberSec 2016: Managing Financial Cybersecurity at the Stevens Hoboken campus. The one-day conference will explore technical, regulatory, process and human dimensions of cyber threats faced by financial systems and markets. [REGISTRATION IS OPEN - Click Here for Information and Registration](#)



Financial cybersecurity is a complex, systemic risk challenge that includes technological and operational elements. The interconnectedness of financial systems and markets creates dynamic, high-risk environments where organizational security is greatly impacted by the level of security effectiveness of partners, counterparties and other external organizations. The result is a high-risk environment with a growing need for cooperation between enterprises that are otherwise direct competitors. There is a new normal, one of continuous attack pressures that produce unprecedented enterprise threats that must be met with an array of countermeasures.

---

## Friday October 7, 2016 -- North East Annual Cybersecurity Summit (NEACS 2016)

The North East Annual Cybersecurity Summit (NEACS) is the premier cybersecurity resource for business executives and technology professionals. For the 4th consecutive year, NEACS (formerly the Annual CT Business Security Summit) will connect attendees with leading subject matter experts in security, privacy, and risk management. NEACS provides attendees with insights on current cybersecurity risks and threats, as well as business and technology strategies to protect against and respond to cyber-attacks, data breaches, and fraud. [REGISTRATION TBA](#)

**OPPORTUNITIES** are available for **SPEAKERS** and **SPONSORS**. Contact [President@isacany.org](mailto:President@isacany.org).

**NEACS 2016 is presented by a coalition of local chapters from renowned international associations for audit and security professionals:**

**International Information System Security Certification Consortium, Inc. (ISC)<sup>2</sup> - Connecticut Chapter**

**The Institute of Internal Auditors (IIA) - Westchester/Fairfield County Chapter**

**ISACA - Greater Hartford and New York Metropolitan chapters**



# NEACS 2016

**North East Annual Cybersecurity Summit  
October 7, 2016 \* 8:00 AM - 4:00 PM**

Trumbull Marriott Merritt Parkway  
180 Hawley Lane, Trumbull CT 06611

---

## ACADEMIC RELATIONS

Committee Chair *Dr. Maria Sette*

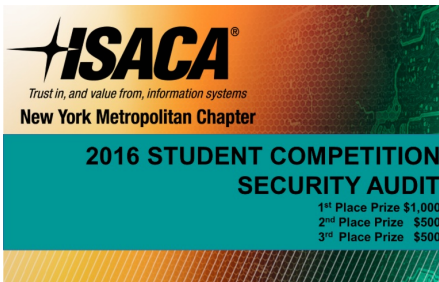




The Academic Relations Committee is a liaison to local academic institutions. We share our expertise and personal experiences with students through discussions and presentations on the ever-evolving fields of IT Audit/Assurance, Information Security, IT Risk and Controls, and Governance.

## 2016 Student Competition

Full-time students in colleges located in New York, New Jersey, and Connecticut are eligible to participate in the 2016 Student Competition. Our competition will provide our students with simulated real world experience. The student competitors will solve a Security Audit case study using a website and network analysis tools, and document their Security Audit findings. The findings documentation will be reviewed by a panel of four independent judges who will identify the finalists based on the accuracy and completeness of their findings documentation. Finalists will present their findings in person at which time the competition winners will be selected.



**Competition date and instructions to be announced.**

**Contact** [studentcompetition@isacany.org](mailto:studentcompetition@isacany.org).

## TECHNOLOGY CORNER

Committee Chair [Samuel Tran](#)

### Study Highlights Higher-Education Gap in Cybersecurity

On April 7, 2016, CloudPassage, a security company, released the results of a study by an independent consultant showing undergraduate computer science programs from 121 top-ranked U.S. universities failed to provide adequate cybersecurity training. Here are the key findings:

- 1) None of the top 10 U.S. computer science programs require a cybersecurity course for graduation. In fact, three of the top 10 university programs don't even offer an elective course in cybersecurity.
- 2) University of Michigan (ranked 12th) is the only one of *U.S. News & World Report* top 36 U.S. computer science programs requiring a security course for graduation.
- 3) Only three of *Business Insider* top 50 U.S. computer science programs require a cybersecurity course for graduation: University of Michigan (ranked 11th), Brigham Young (ranked 48th), and Colorado State University (ranked 49th).
- 4) Of the 121 universities studied, the following offer the highest number of elective courses on cybersecurity:
  - o Rochester Institute of Technology (10 security electives)
  - o Tuskegee University (10)
  - o DePaul University (9)
  - o University of Maryland (8)
  - o University of Houston (7)
  - o Pace University (6)
  - o California Polytechnic State University (5)
  - o Cornell University (5)
  - o Harvard University (5)
  - o Johns Hopkins University (5)
- 5) Only one of the top five schools offering the most cybersecurity electives is ranked in the *Business Insider* top 50 computer science programs in the U.S.: Rochester Institute of Technology.

6) Despite not being on the *U.S. News & World Report* list nor the *Business Insider* list, the University of Alabama is the only institution of the 121 studied to require three or more cybersecurity classes - three for an information systems degree and four for a computer science degree.

To provide a solid foundation in cybersecurity skills, cybersecurity training must be required for all computer and information science programs. In the ever-changing

cyber threat landscape, cybersecurity professionals can stay ahead of the curve by leveraging ISACA's [Cybersecurity Nexus™](#) (CSX), an innovative and comprehensive source for performance-based certification, networking, professional membership, training, and education.

More information on this topic can be found by clicking [here](#).

## JOB OPPORTUNITIES

**Employers:** List open positions on our website for **FREE!** Openings are posted for 30 days unless you direct otherwise. Send position description and contact information to [jobs@isacany.org](mailto:jobs@isacany.org). **NOTE:** job postings can only be seen by registered users logged into our site.

[Visit Chapter Website](#)

[Contact Us](#)

### YOUR FEEDBACK IS IMPORTANT TO US

Let us know what you think of this Newsletter and its content

[corresponding.secretary@isacany.org](mailto:corresponding.secretary@isacany.org)

STAY CONNECTED

