Higher education information security and privacy teams do so much more than just managing firewall rules and antivirus systems, and the value that these teams provide extends far beyond the IT department.

Information security and privacy teams play a vital role in institutional risk management activities, provide actionable intelligence in institutional operations, and offer seasoned advice in one of the most challenging environments to date.

This conference program includes a diverse array of presenters, perspectives, and professional experience—giving you a chance to network and discuss actionable solutions, tools, and approaches with your higher education security and privacy peers.
SESSION RESOURCES

All presenters are invited to upload their session resources including slides, videos, and handouts, etc. These resources are available to participants on the Security Professionals Conference website.

RECORDING/STREAMING POLICY

Because all presentations and associated materials are the presenters’ intellectual property, you must obtain the presenters’ permission to record or stream their session or activity in any medium (including, but not limited to, Periscope, Meerkat, and YouTube).

Recording/streaming for commercial purposes is allowed only with prior written permission from both EDUCAUSE and the presenters. EDUCAUSE reserves the right to ask any participant to move within or to leave a session venue if their use of technology is disruptive to presenters or other participants.

CONTRIBUTE AND CONNECT

Take an active role in your event experience while on-site and online:

- Join the Twitterati: Tag your tweets with #Security16.
- “Like” our Facebook page: Get updates on all things EDUCAUSE.
- Be a photo journalist: Share your images online and tag them with #Security16.
- Stay updated on the EDUCAUSE community: Connect with us on LinkedIn.

EVALUATION FEEDBACK

Your input is vital to helping shape future events—from what’s offered through the program to who presents it. Please tell us what you think.

SESSIONS
Share your thoughts on sessions and presenters through the mobile app or online agenda: educause.edu/sec16/agenda

OVERALL
Watch for the overall evaluation e-mail shortly after the event.

RECEPTION

TUESDAY, APRIL 19, 5:30–6:30 P.M.
GRAND BALLROOM FOYER, GRAND LEVEL, FOURTH FLOOR
- Relax over food and drink and get to know your colleagues.
- A cash bar will be available; each attendee will receive one drink ticket.
NOTE: Please wear your name badge for admittance.

SESSION ABSTRACTS

Session titles and presenters are listed in this program chronologically by theme. For details including a descriptive session summary, visit the meeting website (educause.edu/sec16) or use our mobile app (see page 6).

SESSION LEVEL CLASSIFICATIONS

To assist you in the selection of sessions, we’ve designated them with a “technical” classification level to provide a rough guideline as to the level of detail that will be covered. Levels include:

- Introductory/Nontechnical
- Intermediate/Moderately Technical
- Advanced/Deeply Technical

WIRELESS ACCESS

SSID: EDUCAUSEAIR
PASSPHRASE: educause (case sensitive)

Wireless is available during registration hours. Please be respectful and limit your use of personal MiFi devices. These will disrupt the wireless experience for those around you.
Download the Event Mobile App

Get your hands on the latest information!

Access the daily agenda
View session descriptions
Create a personal itinerary
Review presenter bios
Navigate location maps
Complete session evaluations

SPONSORED BY

FireEye

Available versions for Android, iOS, and the web.

Download your app here:
educause.edu/security16/mobileapp

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Northern Arizona University

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Director, Communications Technology and Security
Winston-Salem State University

Joanna Lyn Grama (Staff Liaison)
Director of Cybersecurity and IT GRC Programs
EDUCAUSE

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Robert K. Henry
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Santa Clara University

Dewight Kramer
Information Security Consultant
University of California, Davis

Karen McDowell
Information Security Analyst
University of Virginia

Philip Mein
Information Technology Security Officer
Johnson County Community College

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Executive Director
REN-ISAC

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Director and Associate Chief Information Security Officer
University of Washington

Renee Peters
Director of Technology Risk and Service Management
Northeast Community College

Sean Sweeney
Director of Security
University of Pittsburgh

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Program Manager, Cybersecurity
EDUCAUSE

Eric Weakland
Director, Information Security
American University

Andrew Weisskopf
Chief Information Security Officer
Binghamton University

Steven Zoppi
Vice President
Internet2

In addition to thanking the individuals above for their generous dedication and leadership, we’d like to offer a special thanks to the 2016 adjunct proposal reviewers for their contributions during the proposal review and evaluation process.
ADDITIONAL EXPERIENCES ON-SITE

REN-ISAC TWO-DAY MEMBER MEETING
The Research and Education Networking Information Sharing and Analysis Center is an integral part of higher education’s strategy to improve network security. REN-ISAC members will gather April 20–21, directly after the Security Professionals Conference. Separate registration and fee are required. Learn more at ren-isac.net/events/rimm.

MENTORING
As part of the Security Professionals Conference 2016 Mentoring Program, mentees and mentors are paired prior to the conference experience. Learn more at educause.edu/sec16/mentoring.

TUESDAY, STARTING AT 8:00 P.M.
CREATIVITY CORNER
Grand Crescent, Grand Level, Fourth Floor
Please join us for an informal night of creativity and community. It’s a great opportunity to meet some of your fellow conference attendees and see what they’re working on. Bring your own project, or we’ll have some materials available for you.

GET YOUR GAME ON!
Fifth Avenue Room, Grand Level, Fourth Floor
Join us for the fourth annual Security Professionals Conference game night! This is a great way to kick off the conference and get to know your fellow conference-goers in a relaxed atmosphere. No experience is necessary.

TRIVIA NIGHT
Fifth Avenue Room, Grand Level, Fourth Floor
This new evening activity will be held in conjunction with game night. The trivia hosts will provide 10 categories with 10 questions each, and responses will be timed. When the trivia game is over, stick around to join your colleagues for another game.

WEDNESDAY, 6:00–6:45 A.M.
Meet in hotel lobby
FUN RUN
Join your colleagues for a leisurely 3-mile or 30-minute run. Enjoy the city by participating in a refreshing early morning jog.

PHOTO WALK
Whether you are a DSLR master, a smartphone Instagram sharer, or a film traditionalist, enjoy the sights of Seattle and the company of fellow photographers during this morning walk. Join us in the hotel lobby and bring walking shoes and your camera of choice.

CYCLE SEATTLE
Meet in the hotel lobby and then head to the closest Pronto bike-share station for a half-hour leisurely pedal through Seattle with other cycling enthusiasts. Recreational riders, roadsters, commuters, those who haven’t been on a bike in a while: All are welcome.

MAKE A DIFFERENCE BY OFFERING MORE THAN INFORMATION SECURITY
Participate in our second annual event service project to benefit the Ronald McDonald House Charities Western Washington and Alaska. Conference participants have the option to “give back” by donating supplies that the Ronald McDonald House Charities use to provide a home-away-from-home for over 600 seriously ill children and their families each year.

The Wish List Includes:
- Food and dry goods (e.g., granola bars, baby food, or microwave popcorn)
- Kitchen supplies (e.g., paper towels, ziplock bags)
- Emergency supplies and toiletries
- Other necessities (e.g., phone-calling cards, stamps)
- In-kind donations

Your generosity will go a long way toward providing foundational security to children and their families during a difficult time.

WANT MORE CYBERSECURITY RESOURCES?

NOTES
# SCHEDULE AT-A-GLANCE

## MONDAY

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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</thead>
<tbody>
<tr>
<td>7:30–8:30 a.m.</td>
<td>Breakfast for Seminar Participants</td>
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<tr>
<td>7:30 a.m.–5:30 p.m.</td>
<td>Registration</td>
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<tr>
<td>7:30 a.m.–5:30 p.m.</td>
<td>Connect Lounge</td>
</tr>
<tr>
<td>8:00–9:00 a.m.</td>
<td>Networking Breakfast</td>
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</tr>
<tr>
<td>9:00–10:15 a.m.</td>
<td>Sessions</td>
</tr>
<tr>
<td>9:15–10:15 a.m.</td>
<td>Opening General Session</td>
</tr>
<tr>
<td>10:15–11:00 a.m.</td>
<td>Refreshment Break and Corporate Displays</td>
</tr>
<tr>
<td>11:00 a.m.–12:00 noon</td>
<td>Sessions</td>
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<tr>
<td>12:00–1:30 p.m.</td>
<td>Lunch and Roundtable Discussions</td>
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<tr>
<td>12:00–1:30 p.m.</td>
<td>Corporate Displays</td>
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<tr>
<td>1:30–2:30 p.m.</td>
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<tr>
<td>2:30–3:15 p.m.</td>
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<tr>
<td>3:15–4:15 p.m.</td>
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<tr>
<td>4:30–5:30 p.m.</td>
<td>Sessions</td>
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<tr>
<td>5:30–6:30 p.m.</td>
<td>Reception</td>
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<tr>
<td>6:30–7:30 p.m.</td>
<td>PGP Key Signing</td>
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<tr>
<td>7:00–8:00 p.m.</td>
<td>Optional Evening Activities</td>
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## TUESDAY

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<tbody>
<tr>
<td>7:30–8:30 a.m.</td>
<td>Continental Breakfast for Preconference Seminar Participants</td>
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<tr>
<td>7:30 a.m.–5:30 p.m.</td>
<td>Registration Desk Open</td>
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<tr>
<td>7:30 a.m.–5:30 p.m.</td>
<td>Connect Lounge</td>
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<td>Networking Breakfast</td>
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<td>Refreshment Break</td>
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<tr>
<td>11:00 a.m.–12:00 noon</td>
<td>Closing General Session</td>
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## MONDAY

### April 18

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## FULL-DAY SEMINARS

Please note: Separate registration and fee are required to attend seminars.

**Seminar 01F | Developing an “Ideal” Information Security Program**

**Seminar 02F | Monitoring Your Science DMZ with Bro**

**Seminar 03A | What Will You Wish for When the Genie Appears? (“The Lesson of the Golden Shovel”)**

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**Seminar 03A**

- **Title:** What Will You Wish for When the Genie Appears? (“The Lesson of the Golden Shovel”)
- **Speakers:**
  - David Sherry, Chief Information Security Officer, Princeton University; Michael Duff, Chief Information Security Officer, Stanford University; Gerry Sneeringer, Director, IT Security, University of Maryland; Joshua Beeman, Chief Information Security Officer, University of Pennsylvania
- **Location:** Grand Ballroom Foyer, Grand Level, Fourth Floor
- **Time:** 7:30 a.m.–5:30 p.m.

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**Seminar 01F**

- **Title:** Developing an “Ideal” Information Security Program
- **Speakers:**
  - Leah Lang, Director of Analytics Services, and Catherine Watt, Senior Analyst, EDUCAUSE
- **Location:** Grand Ballroom I, Mezzanine Level, Second Floor
- **Time:** 8:30 a.m.–12:00 noon

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**Seminar 02F**

- **Title:** Monitoring Your Science DMZ with Bro
- **Speakers:**
  - Seth Hall, Research Engineer, and Doris Schloberg, Bro Outreach, Training, and Education Coordinator, International Computer Science Institute (ICSI); Justin Azoff, Security Engineer, NCSA, and Vlad Grigorescu, Security Engineer, University of Illinois at Urbana-Champaign
- **Location:** Fifth Avenue Room, Grand Level, Fourth Floor
- **Time:** 8:30 a.m.–12:00 noon

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**Seminar 03A**

- **Title:** What Will You Wish for When the Genie Appears? (“The Lesson of the Golden Shovel”)
- **Speakers:**
  - David Sherry, Chief Information Security Officer, Princeton University; Michael Duff, Chief Information Security Officer, Stanford University; Gerry Sneeringer, Director, IT Security, University of Maryland; Joshua Beeman, Chief Information Security Officer, University of Pennsylvania
- **Location:** Grand Ballroom Foyer, Grand Level, Fourth Floor
- **Time:** 7:30 a.m.–5:30 p.m.

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**Seminar 03F**

- **Title:** CISO Leadership Boot Camp
- **Speakers:**
  - Andrea C. Hoy, CISSP, CISM, MBA, President and Virtual CISO, A. Hoy and Associates
- **Location:** Vashon, San Juan Level, Third Floor
- **Time:** 8:30 a.m.–4:30 p.m.
10:00–10:30 a.m.

Refreshment Break for Preconference Seminar Participants and Corporate Displays
GRAND BALLROOM FOYER, GRAND LEVEL, FOURTH FLOOR

10:00 a.m.–3:00 p.m.

Corporate Displays
GRAND BALLROOM FOYER, GRAND LEVEL, FOURTH FLOOR
Ten companies will be showcasing security technology solutions for higher education with dedicated visiting time scheduled during the Monday morning and afternoon breaks. Stop by to learn more about their solutions and interact with company representatives.

Note: These companies will display on Monday only.

• CloudLock
• EventTracker
• FireEye
• ForeScout Technologies
• Fortinet
• Impulse
• Nuix
• OneLogin
• San Diego Supercomputer Center
• Software2

12:00 noon–4:00 p.m.

Higher Education Information Security Council (HEISC) Leadership Team Meeting
(By invitation only)
BLAKELY, SAN JUAN LEVEL, THIRD FLOOR

1:00–4:30 p.m.

AFTERNOON SEMINARS
Please note: Separate registration and fee are required to attend seminars.

Seminar 01P | Using Splunk in Higher Education
CASCADE BALLROOM I, MEZZANINE LEVEL, SECOND FLOOR
Chris Kurtz, System Architect, Arizona State University; Mark Runals, Senior Security Engineer, The Ohio State University; Tom McMahon, Security Engineering Manager, Weill Cornell Medical College

Seminar 02P | Information Security Capability: How Do You Measure Up?
CASCADE BALLROOM II, MEZZANINE LEVEL, SECOND FLOOR
Leah Lang, Director of Analytics Services, and Catherine Watt, Senior Analyst, EDUCAUSE

Seminar 03P | Creating a Security Awareness Program: A Templated Approach
ST. HELENS, MEZZANINE LEVEL, SECOND FLOOR
Wiam Younes, Adjunct Faculty—Information Security Compliance and Training, Carnegie Mellon University; Ben Woelk, ISO Program Manager, Rochester Institute of Technology

1:30–4:00 p.m.

AFTERNOON SEMINAR
Please note: Separate registration and fee are required to attend seminars.

Seminar 05P | FBI Higher Education Cyber-Threat Briefing (Classified)
(Preregistration required to attend this seminar. No on-site registration will be available. Please meet at the FBI location confirmed at time of registration.)

2:30–3:00 p.m.

Refreshment Break for Preconference Seminar Participants and Corporate Displays
GRAND BALLROOM FOYER, GRAND LEVEL, FOURTH FLOOR
See page 12 for a list of Monday’s corporate displays.

4:45–5:30 p.m.

“Now What Do I Do?” Welcome and Orientation for First-Timers
FIFTH AVENUE ROOM, GRAND LEVEL, FOURTH FLOOR
Lanita Collette, University Information Security Officer, Northern Arizona University; David Sherry, Chief Information Security Officer, Princeton University

6:00–8:00 p.m.

2016 Program Committee Dinner
(By invitation only)

Birds-of-a-Feather Sessions (BOFs)
FIFTH AVENUE ROOM, GRAND LEVEL, FOURTH FLOOR
Join colleagues this evening to discuss hot topics in an informal setting. You’ll be able to network and exchange ideas, insights, and experiences. You can also establish a new topic by notifying us in advance at security-council@educause.edu.

Topics include:
• Cybersecurity for science
• DNS protection, including DKIM and SPF
• The future of security awareness in higher education
• Handling and measuring approaches to phishing
• PCI training demo
• REN-ISAC membership services and engagement
• REN-ISAC Security Event System v3
• Using Splunk to get more value from your logs and find risk

WACTC IT Security Council
(Invitation only)
GRAND CRESCENT, GRAND LEVEL, FOURTH FLOOR
Kurt Giessel, CISO, Highline College

Dinner on Your Own
**TUESDAY**

April 19

7:00–8:00 a.m.

撅 Breakfast and Informal Networking Meet-Ups
Sponsored by Identity Automation
GRAND BALLROOM II-III, GRAND LEVEL, FOURTH FLOOR
Join colleagues over breakfast for informal networking. Groups include Women in IT, Small Colleges, Community Colleges, First-Timers, Aspiring IT/InfoSec Managers, Career Transition, Bro Users, Security Awareness, Identity and Access Management, and more.

7:00 a.m.–5:30 p.m.

Registration Desk Open
GRAND BALLROOM FOYER, GRAND LEVEL, FOURTH FLOOR

Connect Lounge Open
GRAND CRESCENT, GRAND LEVEL, FOURTH FLOOR

8:00–9:00 a.m.

CONCURRENT SESSIONS

Awareness

撅 Making Awareness Stick
VASHON, SAN JUAN LEVEL, THIRD FLOOR
Lance Spitzner, Director, The SANS Technology Institute

Compliance

撅 Strategies for Complying with the Requirements of the Payment Card Industry Data Security Standards (PCI DSS)
ST. HELENS, MEZZANINE LEVEL, SECOND FLOOR
Keith Conlee, Chief Security Officer, IT, College of DuPage; Joel Garmon, Director of Security, Wake Forest University

Cyberintelligence Programs

撅 Working Together to Improve Cyberintelligence in the Big Ten
CASCADE BALLROOM II, MEZZANINE LEVEL, SECOND FLOOR
Helen Patton, Chief Information Security Officer, The Ohio State University; Donald J. Welch, Chief Information Security Officer, University of Michigan-Ann Arbor; Robert Arthur Turner, Chief Information Security Officer, University of Wisconsin-Madison

Governance and Risk

撅 A Year in the Life of an International Direct Deposit Fraud Ring
CASCADE BALLROOM I, MEZZANINE LEVEL, SECOND FLOOR
Tyson Fowler, Special Agent, Federal Bureau of Investigation; Christopher Craig, Information Security Engineer Lead, Georgia Institute of Technology

Technical

撅 Intro to Malware Analysis
GRAND BALLROOM I, GRAND LEVEL, FOURTH FLOOR
George Moore, Director of Information Security, Salem State University

撅 Earth’s Mightiest Heroes: How REN-ISAC Can Help You in the Battle for Cyberspace
FIFTH AVENUE ROOM, GRAND LEVEL, FOURTH FLOOR
Kim Milford, Executive Director, REN-ISAC, Indiana University

9:15–10:15 a.m.

GENERAL SESSION

Opening General Session with Michael Mattmiller
Sponsored by Aegis Identity Software
GRAND BALLROOM II-III, GRAND LEVEL, FOURTH FLOOR
Michael Mattmiller, Chief Technology Officer, City of Seattle

10:15–11:00 a.m.

撅 Refreshment Break and Corporate Displays
GRAND BALLROOM FOYER, GRAND LEVEL, FOURTH FLOOR
Seventeen companies will be showcasing security technology solutions for higher education with dedicated visiting time scheduled during the Tuesday morning and afternoon breaks. Stop by to learn more about their solutions and interact with company representatives.

• Aegis Identity Software
• Alertus Emergency Notification
• Bitglass
• Bradford Networks
• Cisco Systems, Gold Partner
• GreyHeller
• Hitachi ID Systems
• Identity Automation
• Identity Finder
• MediaPro
• Moran Technology Consulting, Gold Partner
• OpenDNS
• Proofpoint
• Qualys
• Rapid7
• Secure Code Warrior
• Splunk

10:15 a.m.–6:30 p.m.

Corporate Displays
GRAND BALLROOM FOYER, GRAND LEVEL, FOURTH FLOOR

Stop by for a demonstration of EDUCAUSE benchmarking services by staff members Leah Lang and Catherine Watt. Learn tips and tricks to accessing the data and benchmarking against your peers.
11:00 a.m.–12:00 noon

CONCURRENT SESSIONS
Awareness
Building Security Awareness at Harvard (or Anywhere): Avoid Our Mistakes, Borrow Our Good Ideas
ST. HELENS, MEZZANINE LEVEL, SECOND FLOOR
Micah Nelson, Information Security Communication Officer, Harvard University

Compliance
A Sensitive Data-Protection Strategy
VASHON, SAN JUAN LEVEL, THIRD FLOOR
Randy Marchany, University IT Security Officer, Virginia Tech

Cyberintelligence Programs
Moving to the Cloud: Resistance Is Futile
CASCADE BALLROOM II, MEZZANINE LEVEL, SECOND FLOOR
Joel Rosenblatt, Director, Computer and Network Security, Columbia University

Governance and Risk
Cybersecurity Insurance: The Fundamentals and Value Before the Breach
CASCADE BALLROOM I, MEZZANINE LEVEL, SECOND FLOOR
Patrick J. Feehan, Information Security and Privacy Director, Montgomery College; Brian Kelly, Chief Information Security Officer, Quinnipiac University

Technical
Fun with Certificates, Part II: Elliptic Curve Cryptography (ECC)
GRAND BALLROOM I, GRAND LEVEL, FOURTH FLOOR
Brian Epstein, Manager, Network and Security, Institute for Advanced Study

Free Like a Puppy: Using Big Data Tools to Mine Security Data
FIFTH AVENUE ROOM, GRAND LEVEL, FOURTH FLOOR
Phillip Deneault, Principle Information Security Lead, and David Escalante, Director of Computer Policy and Security, Boston College

12:00 noon–1:30 p.m.

Lunch and Roundtable Discussions
Sponsored by Cisco Systems, Gold Partner
GRAND BALLROOM II-III, GRAND LEVEL, FOURTH FLOOR
We invite you to join colleagues for a lunchtime roundtable discussion. At the roundtable, you can network with those who share similar interests or responsibilities and discuss topics of particular interest to you. A conference attendee will host each roundtable and facilitate the discussion. These sessions are designed to encourage you to exchange experiences and insights with colleagues; additional lunch tables will be available if you would like to eat and network informally.

Topics include:
- Attracting and retaining staff
- Best practices for secure network architecture
- Building a cyberintelligence team
- Career planning
- Data analytics for security
- Detecting credential abuse
- eduroam and open/guest wireless
- Endpoint security
- FISMA
- Gamification and training
- How risky is the cloud?
- Implementing whitelisting
- IT risk register
- NET+
- Phishing
- Protecting research data
- Talking to the board
- Threat intelligence sharing
- Windows domain security

1:30–2:30 p.m.

CONCURRENT SESSIONS
Awareness
The Successful Security Awareness Practitioner
VASHON, SAN JUAN LEVEL, THIRD FLOOR
Patricia Falcon, Information Security Policy and Awareness Specialist, Brown University; Ben Woelk, ISO Program Manager, Rochester Institute of Technology

Compliance
Sipping Alphabet Soup: Getting Familiar with the New Government Information Categories
ST. HELENS, MEZZANINE LEVEL, SECOND FLOOR
Thomas Siu, Chief Information Security Officer, Case Western Reserve University; Joanna Lyn Grama, Director of Cybersecurity and IT GRC Programs, EDUCAUSE; Dave Nevin, Chief Information Security Officer, Oregon State University

Cyberintelligence Programs
Leveraging Open Source to Bootstrap Your Threat Intelligence Program
CASCADE BALLROOM II, MEZZANINE LEVEL, SECOND FLOOR
Jesse Bowling, Manager of Security Operations and Engineering, Duke University
1:30–2:30 p.m. (continued)

Governance and Risk

It’s the Big One: Managing Your Remediation Efforts after a Cyberattack

CASCADE BALLROOM I, MEZZANINE LEVEL, SECOND FLOOR

Brian Davis, Director, Information Security, Policy, and Access, Dana B. German, Deputy CIO and Assistant Vice President for Strategic Initiatives and Portfolio Management, Clayton Lockhart, Assistant Vice President for Enterprise Infrastructure, and David R. Strite, Assistant Vice President for User Experience and Engagement, University of Virginia

Technical

Implementing VMware’s NSX to Improve Security and Leapfrog Legacy Institutional Technologies

GRAND BALLROOM I, GRAND LEVEL, FOURTH FLOOR

Jeffrey Gassaway, Information Security and Privacy Officer, and Brian Pietrewicz, Director, Computing Platforms, University of New Mexico

Continuous Monitoring, Part Deux

FIFTH AVENUE ROOM, GRAND LEVEL, FOURTH FLOOR

Randy Marchany, University IT Security Officer, Virginia Tech

2:30–3:15 p.m.

Refreshment Break and Corporate Displays

GRAND BALLROOM FOYER, GRAND LEVEL, FOURTH FLOOR

See page 15 for a list of Tuesday’s corporate displays.

Core Data Service and Benchmarking Tools Demo

GRAND BALLROOM FOYER, GRAND LEVEL, FOURTH FLOOR

Corporate and Campus Solutions

Agile Security and Education: A Fireside Chat

CASCADE BALLROOM II, MEZZANINE LEVEL, SECOND FLOOR

Tina Thorstenson, Assistant Vice President and Chief Information Security Officer, Arizona State University; Neal Fisch, Information Security Officer and Director of Enterprise Services and Security, California State University, Channel Islands; Patrick Heim, Head of Trust and Security, Dropbox for Education

Designing and Building a Cybersecurity Program

VASHTON, SAN JUAN LEVEL, THIRD FLOOR

Sean Carty, Technical Account Manager, Qualys; Lawrence Wilson, Chief Information Security Officer, University of Massachusetts Central Office

Faster, More Effective Incident Response for Your Campus Network

GRAND BALLROOM I, GRAND LEVEL, FOURTH FLOOR

Frank Andrus, Chief Technology Officer, Bradford Networks; Allen Basey, Senior Security Analyst, Massachusetts College of Pharmacy and Health Sciences

The 1% That Can Take Down Your Institution: Cybersecurity Risk in the Digital Classroom

CASCADE BALLROOM I, MEZZANINE LEVEL, SECOND FLOOR

Eric Chaves, Director of Technical Services, CloudLock; Joel Rosenblatt, Director, Computer and Network Security, Columbia University

The Exploitation of Trust: A New Era in Higher Education Cybersecurity

FIFTH AVENUE ROOM, GRAND LEVEL, FOURTH FLOOR

Stephen Caiml, Industry Solutions Specialist, US Public Sector Cybersecurity, Cisco Systems; Tom McMahon, Security Engineering Manager, Weill Cornell Medical College

4:30–5:30 p.m.

CONCURRENT SESSIONS

Career Development

You’ve Got This: Briefing the Board on Information Security

VASHTON, SAN JUAN LEVEL, THIRD FLOOR

Tammy L. Clark, Chief Information Officer, The University of Tampa

Compliance

Research Grant Security Compliance: Taking NIST, COBIT, and ISO/IEC Head On

ST. HELENS, MEZZANINE LEVEL, SECOND FLOOR

Ryan Bass, Senior Director, Computing Infrastructure, Kirk Kelly, Associate Vice President and CIO, Sean McKay, Associate Director, Computing Infrastructure Services/GISO, Mario Navarro Palos, Information Security Officer, and Max R.D. Parmer, Server Security Specialist, Portland State University

Cyberintelligence Programs

From Data to Wisdom: Transforming Security Events into Actionable Incidents

CASCADE BALLROOM II, MEZZANINE LEVEL, SECOND FLOOR

Steven Hansen, Security Operations Developer, and Allison Henry, Security Operations Manager, University of California, Berkeley

Governance and Risk

Campus Cloud Security Shared Assessments

CASCADE BALLROOM I, MEZZANINE LEVEL, SECOND FLOOR

Jon Allen, Assistant Vice President and Chief Information Security Officer, Baylor University; Nick Lewis, NET+ Program Manager, Security and Identity, Internet2

Technical

Taking a Bite Out of Vulnerability: Realistic Configuration Management

GRAND BALLROOM I, GRAND LEVEL, FOURTH FLOOR

Kim Cary, Chief Information Security Officer, Pepperdine University

Guarding the Keys to the Kingdom: Using an Enterprise Privileged Account Manager to Protect Credentials

FIFTH AVENUE ROOM, GRAND LEVEL, FOURTH FLOOR

Adam Goldstein, Associate Director–Information Security, Dartmouth College
5:30–6:30 p.m.

Reception
GRAND BALLROOM FOYER, GRAND LEVEL, FOURTH FLOOR
One of the most valuable aspects of this conference is the opportunity to connect face-to-face with fellow attendees. Join us for the reception, where you can relax over food and drink and get to know your colleagues. Wear a sweatshirt (or other apparel) with your institution’s name, mascot, or tagline—we love to see where everyone is from! A cash bar will be available; each attendee will receive one drink ticket.

Note: Please wear your name badge for admittance.

6:30–7:30 p.m.

PGP Key Signing
CASCADE BALLROOM I, MEZZANINE LEVEL, SECOND FLOOR
Brian Epstein, Manager, Network and Security, Institute for Advanced Study; Ken Connelly, Director, Information Security, University of Northern Iowa
Additional information about this PGP key signing activity for all interested conference attendees is available at www.ren-isac.net/events/spc_2016_keysigning. Questions about this event should be directed to the presenters.

6:30–8:30 p.m.

Dinner on Your Own

8:00–10:00 p.m.

Trivia Night
FIFTH AVENUE ROOM, GRAND LEVEL, FOURTH FLOOR
Warren Raquel, Security Operations and Incident Response at NCSA, University of Illinois at Urbana-Champaign

8:00–12:00 p.m. midnight

Creativity Corner
GRAND CRESCENT, GRAND LEVEL, FOURTH FLOOR
Kim Milford, Executive Director, REN-ISAC, Indiana University
Get Your Game On!
FIFTH AVENUE ROOM, GRAND LEVEL, FOURTH FLOOR
Gabriel Deleon, Principal Security Engineer, REN-ISAC

8:00–10:00 p.m.

WEDNESDAY
April 20

6:00–6:45 a.m.
Cycle Seattle
MEET IN HOTEL LOBBY
Patricia Falcon, Information Security Policy and Awareness Specialist, Brown University

6:30–7:30 p.m.

Fun Run
MEET IN HOTEL LOBBY
Joshua Beeman, Chief Information Security Officer, University of Pennsylvania

Photo Walk
MEET IN HOTEL LOBBY
Brad Judy, Information Security Officer, University of Colorado System

7:00–8:00 a.m.

2017 Program Committee Breakfast
(By invitation only)
OLYMPIC, MEZZANINE LEVEL, SECOND FLOOR
Breakfast and Informal Networking Meet-Ups
Sponsored by WinMagic Data Security
GRAND BALLROOM II-III, GRAND LEVEL, FOURTH FLOOR
Join colleagues over breakfast for informal networking. Groups include Women in IT, Small Colleges, Community Colleges, First-Timers, Aspiring IT/InfoSec Managers, Career Transition, Bro Users, Security Awareness, Mitigating Risk in the Cloud, and more.

7:00 a.m.–12:00 noon

Registration Desk Open
GRAND BALLROOM FOYER, GRAND LEVEL, FOURTH FLOOR
Connect Lounge Open
GRAND CRESCENT, GRAND LEVEL, FOURTH FLOOR

8:00–9:00 a.m.

CONCURRENT SESSIONS
Career Development
Delving into Diversity
VASION, SAN JUAN LEVEL, THIRD FLOOR
Cathy Hubbs, Chief Information Security Officer, American University

Privacy
Let’s Talk: Effectively Communicating and Mitigating Third-Party Risk
ST. HELENS, MEZZANINE LEVEL, SECOND FLOOR
Heidi L. Wachs, Special Counsel, Privacy and Information Governance, Jenner & Block; Nedra Abbuzzese-Werling, Director of Compliance and Records Management Officer, SUNY System Administration; Roslyn Martorano, System-Wide Privacy Manager, University of California, Office of the President

Cyberintelligence Programs
Security Without Borders: Leveraging Community Infrastructure for Cross-Institutional Threat Mitigation
CASCADE BALLROOM II, MEZZANINE LEVEL, SECOND FLOOR
Hunter Ely, Chief Information Security and Policy Officer, and Charles McMahon, Vice President for Information Technology–CTO, Tulane University
Governance and Risk

- **Integrating Information Security into the IT Equivalent of a Top-Fuel Dragster**
  - **CASCADE BALLROOM I, MEZZANINE LEVEL, SECOND FLOOR**
  - **Keith Schoenefeld**, Information Security Director, and **Christopher C. Waters**, Assistant Vice President for Technology and CIO, Elon University

Technical

- **Toss Attackers Into a Black Hole with Open-Source Software**
  - **GRAND BALLROOM I, GRAND LEVEL, FOURTH FLOOR**
  - **Forest Monsen**, Senior Information Security Analyst, University of California, Santa Cruz

- **p0wnage and Detections: 2015 Edition**
  - **FIFTH AVENUE ROOM, GRAND LEVEL, FOURTH FLOOR**

Governance and Risk

- **CONCURRENT SESSIONS**
  - **Career Development**
    - **Information Security Leadership: Trends, Perceptions, and Future Directions**
    - **CASCADE BALLROOM I, MEZZANINE LEVEL, SECOND FLOOR**
    - **Cathy Bates**, Associate Vice Chancellor and CIO, Appalachian State University; **Neal Fisch**, Information Security Officer and Director of Enterprise Services and Security, California State University, Channel Islands; **Eric Smith**, Chief Information Security Officer, Franklin & Marshall College; **Theresa Semmens**, Chief Information Security Officer, North Dakota State University; **Tammy L. Clark**, Chief Information Officer, The University of Tampa

Privacy

- **Integrating Information Security and Privacy: Two Approaches**
  - **ST. HELENS, MEZZANINE LEVEL, SECOND FLOOR**
  - **Jon Good**, Director, Information Security, and **Roslyn Marroran**, System-Wide Privacy Manager, University of California, Office of the President; **Ann Nagel**, Director and Associate Chief Information Security Officer, University of Washington

Cyberintelligence Programs

- **Threat Detection Using Time Series Analysis and Summary Statistics of Darknet Probes and OSSEC Reports**
  - **CASCADE BALLROOM II, MEZZANINE LEVEL, SECOND FLOOR**
  - **Clay Wells**, Information Security Engineer, University of Pennsylvania

Technical

- **Information Security Program Planning Workshop**
  - **GRAND BALLROOM I, GRAND LEVEL, FOURTH FLOOR**
  - **Brad Judy**, Information Security Officer, University of Colorado System

- **Cradle to the Grave: Building a Next-Gen Identity and Access Management Program**
  - **FIFTH AVENUE ROOM, GRAND LEVEL, FOURTH FLOOR**
  - **David C. Shields**, IT Architect, University of Oklahoma

10:45–11:00 a.m.

- **Refreshment Break**
  - **GRAND BALLROOM FOYER, GRAND LEVEL, FOURTH FLOOR**
CORPORATE DIRECTORY

Looking to learn more about the latest technology to serve your campus needs? Contact our participating companies for information.

Aegis Identity Software
Participation: Corporate Display; Tuesday General Session Sponsor
Celeste Hill, Sales Manager, West
celaste.hill@aegisidentity.com, 550-295-9264
www.aegisidentity.com
Product Categories: Data Security; Federated Identity Management; Identity and Access Management

Alertus Emergency Notification
Participation: Corporate Display
Erik Eckstrand, Regional Account Manager, Higher Education
eckstrander@alertus.com, 202-688-2047
www.alertus.com
Product Categories: Risk Management; Security Management; Security Planning

CloudLock
Participation: Monday Corporate Display; Presentation
Brenton Newell, Director of Sales, Government and Education
brenton@cloudlock.com, 781-836-8512
www.cloudlock.com
Product Categories: Cloud Security; Compliance; Data Security

Dropbox for Education
Participation: Presentation
education@dropbox.com
www.dropbox.com/education
Product Categories: Cloud Computing and Services; Data Security; Storage

Epson
Gold Partner
Participation: Corporate Display; Wednesday General Session Sponsor
Joe Astroth, Director, Enterprise Sales
jastroth@epson.com, 415-548-0276
www.epson.com
Product Categories: Access Control; Cloud Security; Mobile Security

EventTracker
Participation: Monday Corporate Display
EventTracker Sales
sales@eventtracker.com, 877-333-1433
www.eventtracker.com
Product Categories: Data Security; Network Security; PCI DSS

FireEye
Participation: Monday Corporate Display; Mobile App Sponsor
Tom Gose, SLED East Sales Director
thomas.gose@fireeye.com, 603-413-5399
www.fireeye.com
Product Categories: Data Security; Mobile Security; Security Architecture

ForeScout Technologies
Participation: Monday Corporate Display
Craig Tonney, Channel Manager
craig.tonney@forescout.com, 404-569-6343
www.forescout.com
Product Categories: Access Control; Authentication; Compliance

Fortinet
Participation: Monday Corporate Display
Carrie Cate-Clements, SLED Specialist
education@fortinet.com, 714-907-6751
www.fortinet.com
Product Categories: Firewalls; Intrusion Detection and Prevention; Network Security

GreyHeller
Participation: Corporate Display
Hendrix H. Bodden, Co-Founder
hendrix.bodden@greyheller.com, 312-661-6931
greyheller.com
Product Categories: Firewalls; Intrusion Detection and Prevention; Mobile Security

Hitachi ID Systems
Participation: Corporate Display
Sales
sales@hitachi-id.com, 403-233-0740
www.hitachi-id.com
Product Categories: Access Control; Compliance; Identity and Access Management

Identity Automation
Participation: Corporate Display; Tuesday Breakfast Sponsor
Tim Till, Director of Sales
sales@identityautomation.com, 877-221-8401
www.identityautomation.com
Product Categories: Authentication; Federated Identity Management; Identity and Access Management

Identity Finder
Participation: Corporate Display
Chris Arold, Senior Vice President, Higher Education Sales
chris.arold@identityfinder.com, 973-944-0626
www.identityfinder.com
Product Categories: Data Security; E-Discovery; Information Security Governance

Impulse
Participation: Monday Corporate Display
Laura Ellis, Vice President, Sales
l Ellis@impulse.com, 863-904-1555
www.impulse.com
Product Categories: Access Control; Identity and Access Management; Network Security

Jenzabar
Platinum Partner
Participation: Totebag Sponsor
Pete Denny, Lead Generation Specialist
pete.denny@jenzabar.com, 617-492-9099
www.jenzabar.com
Product Categories: Cloud Computing and Services; CRM; Enterprise Resource Planning (ERP)

Level 3 Communications
Participation: Notepad and Pen Sponsor
Scott Pohlmam, Federal Account Director, Research and Education
scott.pohlmam@level3.com, 314-242-5606
Product Categories: Data Security; Network Security; Security Management

MediaPro
Participation: Corporate Display
David Nelson, Senior Account Executive
david.nelson@mediaapro.com, 425-483-4700
www.mediaapro.com
Product Categories: Data Security; Privacy; Security Training

Moran Technology Consulting
Gold Partner
Participation: Corporate Display
Scott Weyandt, Director, IT Security and Infrastructure
scott.veyandt@morantechnology.com, 312-320-0035
www.morantechnology.com
Product Categories: Identity and Access Management; Security Advisory and Consulting; Security Architecture

Nuix
Participation: Monday Corporate Display
Al Nieves, Director, Civilian Sales
al.nieves@nuix.com, 571-485-2683
www.nuix.com
Product Categories: E-Discovery; Incident Handling and Response
**OneLogin**  
**Participation:** Monday Corporate Display  
Jake Lohrey, Account Executive  
jake.lohrey@onelogin.com, 415-767-0039  
onelogin.com  
*Product Categories:* Access Control; Cloud Security; Identity and Access Management

**OpenDNS**  
**Participation:** Corporate Display  
Austin Bates, Executive Sales Rep  
austin@opendns.com, 415-344-3250  
www.opendns.com  
*Product Categories:* Cloud Security; Data Security; Network Security

**Proofpoint**  
**Participation:** Corporate Display  
Leo Gomez, Manager of Sales  
lgomez@proofpoint.com, 408-850-4058  
www.proofpoint.com  
*Product Categories:* Cloud Security; Data Security; Network Security

**Qualys**  
**Participation:** Corporate Display; Hotel Room Key Sponsor; Presentation  
Andrew Moore, Sales Manager  
amoore@qualys.com, 650-801-6100  
www.qualys.com  
*Product Categories:* GRC Tools; Network Security; Vulnerability Management

**Rapid7**  
**Participation:** Corporate Display  
Tim Hubbard, Sales Manager  
Tim_Hubbard@rapid7.com, 857-415-4340  
www.rapid7.com  
*Product Categories:* TBD

**San Diego Supercomputer Center**  
**Participation:** Monday Corporate Display  
Sandeep Chandra, Director, Health Cyberinfrastructure  
chandras@sds.edu, 858-534-5031  
sherlock.sdsc.edu  
*Product Categories:* Cloud Security; Compliance; Data Security

**Secure Code Warrior**  
**Participation:** Corporate Display  
John Fitzgerald, Executive Chairman  
jf@securecodewarrior.com, 619-866-4124  
www.securecodewarrior.com  
*Product Category:* Security Training

**Software2**  
**Participation:** Monday Corporate Display  
David Miller, Vice President, Business Development  
david.miller@software2inc.com, 949-690-6011  
www.software2inc.com  
*Product Categories:* Compliance; Intrusion Detection and Prevention; Security Metrics

**Splunk**  
**Participation:** Corporate Display  
Jennifer Roth, Director, Higher Education  
jroth@splunk.com, 703-395-6436  
www.splunk.com  
*Product Categories:* Cloud Security; Data Security

**WinMagic Data Security**  
**Participation:** Wednesday Breakfast Sponsor  
Higher Ed Sales  
info@winmagic.com, 888-879-5879  
www.winmagic.com  
*Product Categories:* Cloud Security; Encryption; Privacy