

THE 11TH BIENNIAL

CYBER SECURITY SUMMIT

April 14, 2021
Virtual Format

UNIVERSITY
OF
CALIFORNIA



Welcome

Dear Colleagues,

Thank you for joining us at the 11th biannual Cyber Security Summit on April 14, 2021. This spring, we welcomed experts who shared their knowledge about improving supply chain risk, building trust to enhance security, penetration testing, and managing the risks that come with our increasingly remote world.

Our summits build on a rich tradition of information sharing among IT professionals from across the University of California system, California State University, and the California Community Colleges. By sharing our collective expertise, we improve our ability to effectively manage cyber risk, which is vital to safeguarding UC's mission of teaching, research, and public service. These aims remain the focus of our virtual events, which have allowed us to expand our reach and connect in new ways.

Thank you for coming and for your dedication to UC's security. We look forward to seeing you again in the fall.



A handwritten signature in blue ink that reads "David Rusting".

DAVID RUSTING

UC Systemwide Chief Information Security Officer

Agenda

MAIN STAGE

9:00 AM Welcome

DAVID RUSTING, *Systemwide CISO UCOP*

MARK CIANCA, *Interim Vice President, UC Chief Information Officer*

MONTE RATZLAFF, *Systemwide Cyber Risk Program Director, UCOP*

9:30 AM KEY NOTE: WENDY NATHER, *Head of Advisory CISOs, CISCO*

“Denial of Trust: The New Attacks”

As our software goes, so goes our society. From the biases we inject into algorithms to flawed security trust models in our architecture, from “dark patterns” in design to social platforms abused for propaganda, we are vulnerable to trust-based attacks. In order to fight these micro- and macro-level vulnerabilities, we need to rethink what we have come to trust. In this talk, Wendy Nather discussed how to reassess and reevaluate to reduce risk.

10:30 AM CANDACE JONES, *Associate Vice President and Chief Technology Officer, Pasadena City College*

“An Antiracist Approach to Cybersecurity: Encouraging Trust to Manage Risk”

In cybersecurity risk management, we are only as strong as our weakest link. This is why an active antiracist approach to cybersecurity enhances security for us all. In this talk, Candace Jones, architect of Pasadena City College's equity-minded Privacy and Security Program, discussed steps to enhance security by fostering digital equity through education, awareness, and increased representation.

11:30 AM NICK ROSSMANN, *Global Lead, X-Force Threat Intelligence, IBM Security*

“Know Your Enemy: How potent threat intelligence can protect you in a changing world”

IBM Security discussed how potent threat intelligence can protect us in a changing world.

12:00 PM ED SKOUDIS, *Instructor, SANS Institute*

“What’s So Great about Pen Testing?”

In this lively session, Ed Skoudis shared key insights about penetration testing, including different types of penetration tests, how they’ve evolved over the years, the rise of red teaming, innovative uses of purple teaming, and so much more. He also discussed some of the downsides and risks of penetration testing, with specific recommendations to help participants get the most value out of penetration tests.

1:00 PM MONTE RATZLAFF, *Systemwide Cyber Risk Program Director, UCOP* and **RON BUSHAR**, *Sr. Vice President and Chief Technology Officer for Government Solutions, Mandiant*

“Minimizing Third-Party Risk to Safeguard Against Future Supply Chain Attacks: A Conversation”

The SolarWinds Supply Chain Compromise caught thousands of public and private organizations off guard. Ron Bushar and Monte Ratzlaff discussed this malicious event and why minimizing 3rd-party risk is one effective way to counter future supply chain attacks.

Agenda

MAIN STAGE (CONT.)

2:00 PM UC LEADER PANEL DISCUSSION, *Ann Kovalchick, Jason Williams, Josh Drummond,*

Jackson Muhirwe, Monte Ratzlaff

UC leaders spoke about the best practices and effective strategies they use to enhance cybersecurity on their campuses.

3:00 PM CLOSING SESSION AND RAFFLE

DAVID RUSTING, *Systemwide CISO, UCOP*

EXPO HALL

10:30 AM SPONSOR SPOTLIGHT - IBM Security

11:00 AM - 2:30 PM NEW PRODUCTS, ENHANCED TOOLS, AND UC CONNECTIONS

Our attendees enjoyed meeting with representatives from our six sponsors and the UC IT Blog, Systemwide Cybersecurity Champions, and the Cal Poly California Cybersecurity Institute.

2:30 PM SPONSOR SPOTLIGHT - Dasher Technologies

2:45 PM SPONSOR SPOTLIGHT - FireEye

SOCIAL LOUNGE

11:30 AM “Secure Telework Practices”

What are the challenges of making telework secure?

12:00 PM “Transitioning to Cloud”

What are the advantages and challenges of transitioning to cloud?

12:30 PM “Data Strategy”

What guidelines help your organization? How do you make sure they are effective?

1:00 PM “Incident Response”

What tools are you using? What challenges do you face?

Speakers



KEYNOTE:
WENDY NATHER

Head of Advisory CISOs, Cisco

Wendy Nather is Head of Advisory CISOs at Duo Security, now part of Cisco. Previously, she was Research Director at the Retail ISAC. Wendy has also served as a CISO in both the private and public sectors. She speaks regularly around the world on a wide variety of topics, including threat intelligence, identity and access management, risk analysis, incident response, data security, and privacy. Wendy is co-author of The Cloud Security Rules and was listed as one of SC Magazine's Reboot Leadership "Influencers" in 2018. She is also an advisory board member for the RSA Conference and Sightline Security, a nonprofit that helps other nonprofits improve their cybersecurity.



CANDACE JONES

Associate Vice President and Chief Technology Officer, Pasadena City College

Candace Jones is serving the California Community College system as Associate Vice President and Chief Technology Officer at Pasadena City College. She is an accomplished IT Professional with twenty years of experience leading IT organizations by successfully implementing, maintaining, and developing information systems, web applications, web sites, and other software solutions for higher education. Candace is also deeply committed to equity, inclusion, and social justice initiatives focused on eradicating structural barriers that disproportionately impact students of color. She joined Pasadena City College in July of 2018, transitioning from career positions at the University of California, Office of the President, UCLA and Pepperdine University.

Speakers



ED SKOUDIS

Instructor, SANS Institute

Ed Skoudis has taught more than 20,000 security professionals globally. His courses distill the essence of real-world, front-line case studies from his experience as one of the first authorities brought in to provide post-attack analysis on major breaches. He's not just an expert in the field, he created many of the founding methodologies employed by governments and organizations around the world to test and secure their infrastructures. Ed is also the founder of the SANS Penetration Testing Curriculum and Counter Hack, leads the team that builds NetWars, Holiday Hack, and CyberCity, and serves on the Board of Directors for the SANS Technology Institute.



RON BUSHAR

Sr. Vice President and Chief Technology Officer for Government Solutions, Mandiant

Ron Bushar is a seasoned, highly effective, and innovative cybersecurity leader with over 20 years of experience in cyber defense operations, cybersecurity consulting, and incident response services in both the government and commercial sectors. Currently, Ron serves as Sr. Vice President and Chief Technology Officer for Government Solutions at Mandiant. In this role, he leads a global team of cyber experts who deliver Mandiant's unique platform of innovative security program capabilities and solutions to protect critical missions, infrastructure, and national security interests worldwide. Mr. Bushar holds a master's degree in Computer Information Systems and a bachelor's degree in Electrical Engineering. He is a certified Project Management Professional (PMP), a Certified Information System Security Professional (CISSP), and a Certified Information System Security Architecture Professional (ISSAP).

UC Panel Leaders



ANN KOVALCHICK, PHD

Associate Vice Chancellor and Chief Information Officer, UC Merced

Ann Kovalchick is Associate Vice Chancellor and Chief Information Officer at University of California, Merced. With over 30 years of experience leading organizations in the strategic use of digital technologies, Ann has designed, implemented, and managed digital resources and services across three domains: as a communication tool, as a creative tool, and as a knowledge management tool. Her academic interests include organizational culture, change management, and theories of sense-making in technology rich environments. Ann holds a Ph.D. in instructional design from the University of Virginia, a master's degree in public anthropology from American University, and a bachelor's degree in communication from Ohio University. Previously, she has served in top technology leadership roles at Drake, Tulane, and Ohio University.



JOSH DRUMMOND

CISCO, UC Irvine

Josh Drummond is the Chief Information Security Officer at UC Irvine and oversees central information security operations & engineering, risk & compliance, and identity & access management. He began his 20-year IT career in software engineering, transitioning to cybersecurity for the last 15 years while working at UCI, and ultimately moving into a CISO role in 2016. Josh holds a bachelor's degree in Computer Science and an MBA from UCI, as well as multiple certifications. He strives to bring a thoughtful risk-based approach to balance cybersecurity and the mission of the business.



MONTE RATZLAFF

Systemwide Cyber Risk Program Director, UCOP

Monte Ratzlaff is the systemwide Cyber Risk Program Director at the University of California Office of the President where he works with UC leaders to establish cyber risk strategic plans and objectives. He also leads the UC Health Chief Information Security Officers from each location in various information security related initiatives. In his prior role at UC Davis Health System, Ratzlaff managed the IT Security department and also served as the Chief Security Officer. He has extensive experience in information security within the banking and health care industries and holds Certified Information Systems Security Professional (CISSP) and Certified Information Systems Auditor (CISA) professional designations.

UC Panel Leaders



JASON WILLIAMS

Director of Information Security, UCOP

Jason Williams is the UCOP Director of Information Security, leading security operations, security consulting, and identity and access management. Prior to coming to UCOP, Jason was the Director of Information Security & Compliance for over seven years at the University of Notre Dame, where he implemented multi-factor authentication for the entire campus, oversaw the security requirements for moving 80% of Notre Dame's data center to the cloud, and enabled research by creating NIST compliant environments in AWS. Jason has his master's degree in National Security and Information Protection from the University of New Haven and his bachelor's degree in anthropology from Stanford University.



JACKSON MUHIRWE

Deputy Chief Information Security Officer, UC DAVIS

Jackson Muhirwe currently serves as the Deputy Chief Information Security Officer of UC Davis. Prior to taking on this role, he served the City and County of San Francisco as the Interim City Chief Information Security Officer (CISO) and deputy director for cybersecurity services in the department of technology. While working for the city, he was charged with leading an information security management program that covered 66 departments. Jackson has also worked as a professor and researcher at the university level, where he worked in the field of cybersecurity. Jackson holds a Ph.D. in Computer Science, CISSP, and C|CISO.

UC Exhibitors

UC IT Blog

The UC IT blog is by, for, and about everyone working in IT across the UC system. Representatives joined the UC Cyber Security Summit tradeshow, where they shared information about how to feature and share the expertise of our community.

Cyber Security Awareness

Cyber Champions promote information security and digital hygiene for staff and students throughout the system and customizes the information to fit the unique needs and culture of their individual campuses.

Cal Poly California Cybersecurity Institute

Through education, workforce development, and applied research, CCI works to build a skilled and innovative cyber workforce capable of navigating today's complex threat landscape. By training a new generation of cybersecurity experts in the latest tools and techniques, this initiative is helping to protect data, computer systems, and critical infrastructure.

Performers



JARED YOUNG

Engagement Specialist, GoTeam Events

Jared leads engagement activities at our summit. He brings fun, laughs, and intrigue to any event, whether online or in-person as he engages audiences with his natural southern charm and energetic personality. Jared is known as an engagement specialist because he turns meetings into experiences. He builds connection and community, helping participants see the true value in their presence and relationships.



MARCUS CAPPELLAZZO

Founder, Cappell Entertainment

Our Summit attendees enjoy live music by Marcus Cappellazzo, who is an award-winning Australian-born musician. He has been entertaining audiences for over 15 years. Today, he specializes in live music and DJ entertainment for weddings, events, and at local venues in the San Francisco area. He has played at corporate events for NASCAR, SFO International Airport, Salesforce, Ebates, Google, and Amazon.

Map



Sponsors

Thank you to our Spring 2021 Cyber Security Summit Sponsors!

PLATINUM SPONSOR



NICK ROSSMANN

Global Lead, X-Force Threat Intelligence, IBM Security

From business ransomware to COVID-19 research threats and distribution compromises, Rossmann explained how attackers are behaving in a changed world.

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Save the Date

The 12th Biannual

CYBER SECURITY SUMMIT

October 13, 2021

The University of California Cyber-Risk Coordination Center (C3) has already begun planning the 12th biannual Cyber Security Summit.

We welcome your suggestions about possible topics and speakers. Please contact uccybersummit@ucop.edu.



**UC CYBER-RISK
COORDINATION CENTER**

Fostering collaboration between
cybersecurity professionals for a
stronger and more secure UC