



The 7th Biannual

# CYBER SECURITY SUMMIT

April 17, 2019  
UC San Francisco

UNIVERSITY  
OF  
CALIFORNIA

# AGENDA

**8:00-9:00 AM**      **BREAKFAST & CHECK-IN**

**9:00-9:15 AM**      **WELCOME**  
**DAVID RUSTING**  
**Systemwide Chief Information Security Officer, UCOP**

**9:15-9:30 AM**      **ICE BREAKER: CYBER POWERS, ACTIVATE!**

**HEATHER ROGERS**  
**Speaker, Corporate Trainer & Mind Magician**

What if lurking underneath your mild-mannered exterior were a real Cyber Hero? In this group activity, you will explore your own inner Cyber Hero by sharing your strength (your superpower) and what challenges you (your kryptonite). As a group, we will explore this character in a way that emphasizes our shared strengths and vulnerabilities. This activity will enhance your experience of the summit.

**9:30-10:15 AM**      **KEYNOTE: THE FUTURE OF CYBERSECURITY — HOW TO STOP HIGH TECH HAVOC**

**BETSY COOPER**  
**Director, Aspen Tech Policy HUB**

Cyber attacks are constantly evolving. It is crucial to be prepared. In her keynote address, Betsy Cooper draws on her extensive experience as a researcher and consultant working with the U.S. government in order to explain how future cyber attacks will change and how you can prepare. Cooper will explore the risks organizations face as they seek to protect their physical facilities, business outcomes, and brand reputation. Cooper will also highlight how both senior leadership and vigilant employees can reduce risk through simple, easy-to-operationalize steps and how policy innovations can also reduce risk.

**10:15-10:30 AM**      **BREAK**

**10:30-11:15 AM**      **CYBERSECURITY'S LEGAL LANDSCAPE — WHAT'S THE SCORE AND WHAT'S IN STORE?**

**JENNIFER URBAN**  
**Clinical Professor of Law, UC Berkeley**

Currently, there are few U.S. laws specifically dedicated to cybersecurity. Instead, a patchwork of privacy, intellectual property, and cyber crime laws influence how cybersecurity systems are designed, deployed, and implemented. As cybersecurity grows in importance, new laws and regulations develop. In this presentation, Professor Urban will discuss what kind of laws support robust cybersecurity and which laws might undermine it. She will point out legal areas of concern and discuss new developments, such as the California Consumer Privacy Act of 2018 and SB-327 (California's new Internet of Things security law).

**11:15 AM-12:00 PM**      **ELECTION SECURITY IN THE NEW CYBER AGE**

**KATHY BOOCKVAR**  
**Acting Secretary of the Commonwealth, Pennsylvania Department of State**

Election security is a topic that has received a lot of attention in recent years. Media headlines often emphasize the negative, using words like “crisis” and “vulnerable.” Boockvar’s talk will focus on the success story of the work that Pennsylvania did to enhance election security in 2018. They established a foundation of commitment, collaboration, and communication that broke down typical silos. Pennsylvania officials brought together experts from multiple fields, including information technology, law enforcement, homeland security and defense, and emergency preparedness in order to build an integrated strategy that led to a powerful defense of our democracy and the most secure and accessible election for the voters of Pennsylvania.

**12:00-1:30 PM**

**NETWORKING LUNCH**

**1:30-2:00 PM**

**ENGAGEMENT ACTIVITY: DEEPENING YOUR CYBER POWERS**

**HEATHER ROGERS**

**Speaker, Corporate Trainer & Mind Magician**

Building on the icebreaker activity, you will have the opportunity to reflect on your strengths and weaknesses as cybersecurity professionals. Inspired by your Cyber Hero character, you will walk away with unique insights about how you can feel confident in your abilities to enhance cybersecurity.

**2:00-2:45 PM**

**CAN THE UNIVERSITY OF THE 21ST CENTURY BE SECURE?**

**VICKIE PAPAPETROU**

**Cybersecurity Advisor, Ernst & Young, LLP**

When it comes to cybersecurity, universities must have creative and sustainable programs that protect their communities. Developing these programs, however, presents challenges unique to institutions of higher education, whose mission is to create and share knowledge. Threat landscapes evolve rapidly as security risks increase. What's more, the education sector is often driven by technology and digital transformation. In this talk, Papapetrou will ask if emerging technologies present threats or opportunities. In other words, is it possible to lock doors that technology opens? Universities can enhance cybersecurity by changing their mindset when it comes to addressing risk. Papapetrou will also discuss the implications of new technologies, including using blockchain to secure the most complicated datasets.

**2:45-3:00 PM**

**BREAK**

**3:00-3:45 PM**

**HUMAN RIGHTS IN THE CYBERSECURITY SECTOR**

**DANIELLE BORRELLI**

**Operations Coordinator, California Cybersecurity Institute, Cal Poly San Luis Obispo**

The misuse of technology to attack human rights is at an all time high. Human traffickers use common social media platforms, websites, and gaming applications to recruit, sell, and exploit individuals. In this talk, Borrelli will explain the origin of this crisis. She will also detail how innovative cybersecurity training, awareness promotion, and recruiting a larger number of cyber professionals can effectively fight this growing humanitarian crisis.

**3:45-4:00 PM**

**WRAP-UP**

**DAVID RUSTING**

**Systemwide Chief Information Security Officer, UCOP**

# SPEAKERS



## BETSY COOPER

**Director, Aspen Tech Policy HUB**

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Betsy Cooper is the founding Director of the Aspen Tech Policy Hub. A cybersecurity expert, she joined Aspen's Cybersecurity and Technology Program after serving as the Executive Director of the Berkeley Center for Long-Term Cybersecurity at UC Berkeley. Dr. Cooper also served as attorney advisor at the U.S. Department of Homeland Security and has over a decade of experience in security consulting, managing projects for Atlantic Philanthropies in Dublin, the Prime Minister's Strategy Unit in London, and the World Bank, among others. She completed a postdoctoral fellowship at Stanford's Center for International Security and Cooperation and a Yale Public Interest Fellowship. An author of over twenty manuscripts and articles on U.S. and European homeland security policy, Dr. Cooper also serves as Senior Advisor at Albright Stonebridge Group. She holds a J.D. from Yale, a D. Phil from Oxford, and a B.A. from Cornell.



## JENNIFER URBAN

**Clinical Professor of Law,  
UC Berkeley**

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Jennifer M. Urban is a Clinical Professor of Law at the University of California, Berkeley and a Co-Director of the Berkeley Center for Law and Technology. Professor Urban founded and directed the University of Southern California Intellectual Property & Technology Law Clinic before returning to Berkeley to direct the Samuelson Law, Technology & Public Policy Clinic. She regularly collaborates with technologists and academics in disciplines other than law to develop empirically-grounded understandings of how new technologies and the regulatory structures around them interact with social values like privacy, free expression, and freedom to innovate. With Professor Chris Hoofnagle at UC Berkeley's Information School, she teaches an interdisciplinary course, Cybersecurity in Context, that emphasizes how ethical, legal, and economic frameworks enable and constrain security technologies and policies.



## KATHY BOOCKVAR

**Acting Secretary of the  
Commonwealth, Pennsylvania  
Department of State**

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Kathy Boockvar leads the Pennsylvania Department of State as Acting Secretary of the Commonwealth, a position to which she was appointed in January of 2019. She is an attorney with an extensive background in public interest law and policy, election administration, and nonprofit healthcare administration. Most recently, she served as senior advisor to the governor on election modernization, leading and managing initiatives to improve security and technology in Pennsylvania's elections and voting systems in collaboration with federal, state, and county officials. Boockvar holds a B.A. from the University of Pennsylvania, a J.D. from American University, and received a Performance Leadership Certificate from Cornell University in 2014. She is a member of the Bar of the U.S. Supreme Court, Third Circuit Court of Appeals, U.S. District Courts, and Pennsylvania, New York, and Washington, D.C. courts.



## HEATHER ROGERS

**Speaker, Corporate Trainer & Mind Magician**

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Heather Rogers has delivered programs for IT security companies at RSA and IT companies at Oracle Open World. She has customized programs for high tech companies such as Genentech, Applied Materials, Synopsis, JSR, Magma, and Google. As a speaker, trainer, facilitator and mind magician, she has created programs for over 4,000 public and private events. As a consultant, Heather combines epigenetics with cutting edge technologies to help people optimize the body/brain for peak performance. Heather has also presented at TEDx and at venues ranging from Barack Obama's Inaugural Ball in Washington D.C. to Caesars Palace in Las Vegas.



## VICKIE PAPAPETROU

**Cybersecurity Advisor, Ernst & Young LLP**

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Vickie Papapetrou is a Senior Manager in the Advisory Services Cybersecurity practice of Ernst & Young LLP. She has over 12 years of experience in information security, having just returned from a 3 year rotation in London, UK serving as a Director in EY's EMEA Cybersecurity Centre of Excellence. Throughout her career with EY, Vickie has supported organizations across industries to assess, design, and implement long-term transformational security programs. She has consulting experience in the areas of cybersecurity, governance, risk management, compliance, and process improvement to help organizations mitigate security risk while addressing legal and regulatory obligations. Vickie is a Certified Information Systems Security Professional, (CISSP), Information Systems Auditor (CISA), Information Privacy Professional (CIPP), and she is a trained ISO 27001 Lead Implementer.



## DANIELLE BORRELLI

**Operations Coordinator at the California Cybersecurity Institute, Cal Poly San Luis Obispo**

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Danielle Borrelli is the Operations Coordinator at the California Cybersecurity Institute, overseeing all events, training courses, and projects. She is also responsible for developing and delivering training courses for first responders, law enforcement officers, and advocates that address the role of technology in recruiting and exploiting victims of human trafficking. In addition, Borrelli is a local, regional, and international anti-human trafficking advocate with 9 years experience in prevention, intervention, and restoration work. Serving on several boards, she currently provides development strategies to local non-profits, helping to secure sustainable housing programs. She works with schools and businesses to provide training in human trafficking awareness. Borrelli also serves on the San Luis Obispo (SLO) County's District Attorney's Human Trafficking Task Force as their Housing Subcommittee Chair. In addition, she provides counseling to survivors of trafficking, victims of sexual assault, and victims of domestic violence. Borrelli was recently named California Polytechnic State University's Employee of the Year for 2018-2019 and SLO Tribune's Top 20 under 40 for 2019. Borrelli has a passion to serve and help liberate the voiceless in society and sees the powerful effects of technology to hurt, but more importantly to help heal and prevent the issue of human trafficking.

# SPONSORS



# Save the Date

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The 8th Biannual

# CYBER SECURITY SUMMIT

October 23, 2019  
UC Santa Barbara

The University of California  
Cyber-Risk Coordination  
Center (C3) has already begun  
planning the eighth Biannual  
Cyber Security Summit.  
We welcome your suggestions  
about possible topics and  
speakers. Please contact  
[uccybersummit@ucop.edu](mailto:uccybersummit@ucop.edu).