

Cybersecurity: Keeping Us Safe or Making Us Vulnerable?

10th Annual Law & Society Symposium

February 9, 2018
Charleston, South Carolina

Presented by
Charleston Law Review
and
The Riley Institute[®] at Furman



Symposium Agenda

Friday, February 9, 2018 | Charleston Music Hall, 37 John Street

- 8:30 a.m. **Registration**
CLE Course No. 181363
- 9 a.m. **Welcome**
Lauren Daniels, *Editor in Chief*
Charleston Law Review

Donald Gordon, Ph.D., *Executive Director*
The Riley Institute at Furman

Andrew Abrams, *Dean, Charleston School of Law*
- 9:15 a.m. **About “Cybersecurity: Keeping Us Safe or Making Us Vulnerable?”**
Alon Faiman, *Senior Research Editor, Charleston Law Review*
- 9:20 a.m. **Keynote Address**
Introduction: Allyson Haynes Stuart, *Co-Director of Academic Success and Professor, Charleston School of Law*

Keynote: Vice Admiral Mike McConnell, USN (ret.)
Senior Executive Advisor, Booz Allen Hamilton, and former U.S. Director of National Intelligence
- 10 a.m. **Panel One: Staying Safe While Keeping Secrets: National Security, Law Enforcement, and Civil Liberties**
Moderated by Jorge R. Roig, *Associate Professor Charleston School of Law*

Al Cannon, *Sheriff, Charleston County*

Teresa Cosby, *Associate Professor, Furman University*

Colonel Chuck Eassa, USA (ret.) *Lead Researcher, Georgia Tech Research Institute’s Cyber and Information Technology Lab*

Jack Pringle, *Partner, Adams and Reese LLP*

Symposium Agenda

- 11:15 a.m. **Panel Two: The Next 9/11: Cyberattacks as Acts of Terrorism**
Moderated by Steve Snyder, *Attorney Smith Moore Leatherwood*

Chuck Eassa

Mike McConnell

Mark Senell, *Vice President, Global Sales Raytheon Cyber Services*

Jeff Shaffer, *Vice President, Stroz Freidberg*
- 12:30 p.m. **Lunch on Your Own**
- 1:45 p.m. **Panel Three: Corporate Cybersecurity: Does Encryption Fully Protect You and Your Clients?**
Moderated by Allyson Haynes Stuart

Steve Abrams, *Attorney, Abrams CyberLaw & Forensics*

J.W. Choi, M.D., Ph.D., *Manager, SK Telecom’s Quantum Technology Lab*

Richard Sheinis, *Partner, Hall Booth Smith, P.C.*

Steve Snyder
- 3 p.m. **Closing**
Lyndsay Luthringer, *Symposium Editor Charleston Law Review*



Mike McConnell

Most well-known for his time as the director of national intelligence (2007-2009), Vice Admiral McConnell's career has spanned over 40 years, 29 as a U.S. Navy intelligence officer. As the director of national intelligence, he managed the expansive U.S. Intelligence Community – an organization of over 100,000 people, and an annual global enterprise budget of over \$47B – and had extensive interactions with the White House, the President's Cabinet, Congress, international leaders, and the U.S. business community. In 2009, McConnell became executive vice president and then vice chairman at Booz Allen Hamilton, where he now serves as senior advisor.

From 1992-1996, McConnell served as director of the National Security Agency, leading the agency during a critical period as it adapted to the multi-polar threats brought about by the end of the cold war. In 1996, Booz Allen Hamilton recruited McConnell to create its first information security business, after which he served as chairman and CEO of the Intelligence and National Security Alliance (INSA).

McConnell has been awarded many of the nation's highest military awards for meritorious service and has twice received the nation's highest award for service in the U.S. Intelligence Community, once by President Bill Clinton and once by President George W. Bush. McConnell holds an M.P.A. degree from George Washington University and a B.A. degree in economics from Furman University.

Steve Abrams is a solo practitioner at Abrams CyberLaw & Forensics, LLC. His key practice areas are electronic and internet privacy violations, defamation, e-discovery, computer forensics, cybersecurity policy and procedures, and computer law. Abrams has worked as a digital forensics investigator for over 25 years, completing over 1100 cases for government, military and civil litigation clients. Abrams is also a commissioned and sworn South Carolina state constable, who frequently conducts digital forensic investigations for various state and federal law enforcement agencies, and a member of the South Carolina Electronic Crime Taskforce.

A 2007 graduate of the Charleston School of Law, Abrams received his B.S. from Allegheny College and M.S. from the Columbia University College of Physicians and Surgeons.

Al Cannon has served as sheriff of Charleston County since 1988. Sheriff Cannon is a trained attorney, a military leader and a veteran law enforcement professional. Cannon's last assignment before retiring from the U.S. Air Force after 33 years of service was as the reserve commander, 3rd Field Investigations Region, Scott Air Force Base, which provided investigative, counterintelligence, and counterterrorism support to Air Force Air Mobility Command Bases.

Cannon received his B.S. from the College of Charleston, M.S. in criminal justice from University of South Carolina, and J.D. from University of South Carolina School of Law. He is a graduate of the FBI National Academy.

Cannon is a member of the South Carolina Bar and the United States Supreme Court Bar.

Panelists & Moderators

Jeong Woon Choi is manager at SK Telecom's Quantum Technology Lab in Korea, where, since 2011, he has been working to develop quantum key distribution systems and quantum random number generators. Choi has developed and optimized various algorithms and protocols for quantum key distribution, a communication method which enables two parties to produce a shared random secret key known only to them, which can then be used to encrypt and decrypt messages.

Notably, Choi has also developed a quantum random number generator as a chip, the smallest and the cheapest in the world, by using the fluctuation of intensity of light. Currently, he is developing a trusted repeater for quantum key distribution, which allows the transport of the secret key over many intermediate nodes. Previously, he worked on a cryptography research team at Korea's Electronics and Telecommunications Research Institute, where he developed quantum cryptographic protocols, breaking all arbitrated quantum signature schemes publicly known until then.

Choi received a Ph.D. and M.D. from the Department of Mathematical Science, and a B.D. from the Department of Mathematics Education at Seoul National University.

Teresa Cosby is an associate professor of political science at Furman University, specializing in constitutional law and racial and ethnic politics. Cosby began her legal career at the Law Offices of Juliette Mims in Greer. She was the law clerk of retired U.S. Magistrate Judge William M. Catoe Jr., she has served as an assistant deputy attorney general for the S.C. Attorney General's Office, and she was the executive director of Legal Services of S.C. and the former Legal Services of Western Carolina. She has also served as the executive director of the Black Family Land Trust, a six-state program. She serves and has served on national, state and local boards of directors.

Cosby received her B.A. degree from the Howard University School of Communications and her J.D. from Howard University School of Law.

Panelists & Moderators

Charles Eassa is the lead researcher with the Georgia Tech Research Institute's Cyber Information and Technology Lab.

Colonel Eassa retired from the U.S. Army in 2016 after a long and distinguished service career. A graduate of the Citadel with a bachelor's degree in business in 1986, he was commissioned as a distinguished military graduate through the ROTC program and entered Field Artillery Officers Career Course. After serving at numerous posts and climbing to the rank of major, Eassa was instrumental in planning the ground invasion for Operation Iraqi Freedom. He also served at the Combined Arms Center in Fort Leavenworth, Kansas, to stand up the U.S. Army Information Operations Proponent. In 2011, Eassa was deployed to Afghanistan to serve as the information operations officer on NATO's International Joint Command, and in 2013 he was transferred to the Joint Staff J39 as the chief of information operations and strategic effects. His personal decorations include the Defense Superior Service Medal, The Bronze Star, the Defense Meritorious Service, the Air Assault Badge, the Army Parachutist Badge, and the Joint Staff Badge.

Eassa is a graduate of the U.S. Army War College and has a master's degree in public administration from Harvard's Kennedy School of Government.

Jack Pringle joined Adams and Reese in 2013 as partner following the firm's expansion into Columbia. Practicing law since 1996, Pringle focuses on privacy, information security, and information governance; administrative and regulatory law; public utilities; securities; environmental law and land use litigation; and class action litigation. He helps businesses protect, manage, and communicate information lawfully and effectively. Pringle has received the Information Privacy Professional designation from the International Association of Privacy Professionals.

Mr. Pringle earned his J.D. from the University of South Carolina School of Law and his B.A. from Washington and Lee University.

Panelists & Moderators

Jorge Roig is an associate professor of law at the Charleston School of Law, having joined the faculty in 2011. His primary areas of teaching and research are constitutional law, intellectual property, copyright law, internet and technology law, and freedom of speech.

Roig served as judicial clerk to Justice Federico Hernández Denton at the Puerto Rico Supreme Court. He also served as judicial clerk to Judge Salvador Casellas at the U.S. District Court for the District of Puerto Rico. In addition to working in private practice at Fiddler, González & Rodríguez, P.S.C., Roig has also served as assistant secretary of justice at the Puerto Rico Department of Justice. In this role, Roig advised the governor, the secretary of justice and different governmental entities of the Commonwealth of Puerto Rico regarding constitutional law matters such as First Amendment, equal protection, due process, privacy issues, executive appointments, separation of powers, and national security.

Roig received his J.D. from University of California at Berkeley and his B.A. from Harvard University.

Mark Senell is the vice president of global sales at Raytheon Cyber Services. Senell is responsible for leading the global sales organization in bringing defense-grade cybersecurity services to commercial enterprises and federal agencies. Raytheon offers security testing and assessment services coupled with industry-leading expertise and a unique perspective on the cybersecurity landscape. Senell supports customers that are in need of advanced threat detection which traditional security controls cannot provide.

Prior to coming to Raytheon, Senell was the vice president of global government sales at Forcepoint LLC, and before that, a federal enterprise software sales manager with IBM. He has over 15 years of experience in the area of cybersecurity. Senell received his bachelor's degree from the University of Virginia.

Panelists & Moderators

Jeff Shaffer joined Stroz Friedberg in 2017, after three years at another consulting firm and 25 years with the United States Secret Service as a senior special agent and director of the top ranked Secret Service Digital Forensics Laboratory. Mr. Shaffer has extensive and varied experience as an investigator, physical and personal protection specialist, counter terrorism specialist, team leader and digital forensic examiner. He has worked on hundreds of forensic investigations related to cybercrime, intellectual property theft, fraud, terrorism, kidnapping and murder. He has investigated cases across numerous industries including energy, retail, banking, healthcare, telecommunications, and federal/state governments. Mr. Shaffer's areas of focus since returning to the private sector have been incident response, compromise assessment, digital forensics, e-discovery and litigation support.

Mr. Shaffer has a B.A. in international relations from Presbyterian College.

Richard Sheinis, partner in the Charlotte, North Carolina, office of Hall Booth Smith, P.C., has litigated in federal and state courts for thirty years. Certified as a privacy professional by the International Association of Privacy Professionals, Sheinis leads the firm's Data Privacy and Security Practice Group. His clients have included health care professionals and institutions, technology companies and global business entities. He works with companies on global privacy compliance and in investigating and responding to HIPAA and other data breaches. Sheinis has authored numerous publications and frequently presents on issues of cyber threats, privacy and security compliance, responding to data breaches, and how to minimize risk.

Sheinis received his B.A. from State University of New York at Binghamton and his J.D. From Duke University School of Law.

Panelists & Moderators

Steve Snyder is an attorney at the law firm of Smith Moore Leatherwood LLP. In addition to serving as the firm's chief information officer, he's a member of the firm's cybersecurity and data breach team and leverages his industry experience as a network engineer to assist clients with cybersecurity and data breach issues. He has advised clients on prevention measures, liability protection, data breach response and mitigation, and interaction with regulatory agencies and law enforcement. He has also supported clients on litigation issues involving data breaches, misappropriation of trade secrets, and loss of confidential business information. He routinely gives presentations on cybersecurity issues, participates on panels, and has authored several articles on evolving challenges of cybersecurity in industry publications. He is CIPP/US certified by the International Association of Privacy Professionals and certified in cybersecurity fundamentals by ISACA, an organization for information technology professionals.

Snyder received his law degree, with honors, from New York University School of Law and master's and bachelor's degrees in engineering from Lehigh University.

Allyson Haynes Stuart is a scholar and practicing attorney focusing on privacy, data security, and e-discovery issues. At the Charleston School of Law, she has taught e-discovery, information privacy law and internet law, contracts, civil procedure, and evidence. Additionally, she served as faculty advisor to the Federal Courts Law Review for 9 years, where she organized, moderated, and presented at various symposia including Searching for Data: New Rules and New Tools; Technology and the Criminal Justice System; Ethics in the E-Discovery Age; and Privacy in the Federal Courts.

Previously, Stuart served as a director of the legal department at Sony Corporation of America. She also served as law clerk to the Honorable David C. Norton, U.S. District Judge for the District of South Carolina, and was an associate in the New York firm of Cleary, Gottlieb, Steen and Hamilton. She received her J.D. from the University of South Carolina School of Law and her B.A. from Duke University.

Presenters

Charleston Law Review is general interest publication committed to the finest scholarship and research across a broad range of topics in the law. Its primary objective is to foster the knowledge and insight of students, practitioners, scholars and the judiciary through a traditional forum dedicated to augmenting the pursuit of innovative legal expression, composition and scholarship.

The Charleston Law Review is an independent organization composed entirely of second and third year students at the Charleston School of Law. Members of the Law Review contribute to this objective by editing articles, writing notes and actively participating in all aspects of the publication process. By doing so, members of the Charleston Law Review receive invaluable analytical skills and extensive legal writing and editing experience.

Furman University's Riley Institute broadens student and community perspectives about issues critical to South Carolina's progress. It builds and engages present and future leaders, creates and shares data-supported information about the state's core challenges, and links the leadership body to sustainable solutions.

Launched in 1999, the Institute is named for former South Carolina Governor and former United States Secretary of Education Richard W. (Dick) Riley. It is committed to nonpartisanship in all it does and to a rhetoric-free, facts-based approach to change. *For more information, visit riley.furman.edu.*

Special thanks to the Charleston School of Law Foundation for their generous support of this symposium. *The Foundation champions student scholars and faculty endeavors to bolster the undergirding tenets of the mission of the Charleston School of Law: To train attorneys for the good of the people.*

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