Cyber Warfare One-Day Symposium

NOVEMBER 6, 2014
JOHN JAY COLLEGE OF CRIMINAL JUSTICE | New York City

Sponsored by Pulse Advisory, Thomson Reuters, Law and Forensics LLC, In The House, and Virus Inspector

To learn more about the Journal of Law and Cyber Warfare visit: www.jlcw.org

CLE 6.5 CLE credit hours (based on a 60-minute credit hour)
Conference Summary

The Cyber Warfare One-Day Symposium is intended to focus on the existing international regulations on cyber-weapons and cyber-warfare and encourage legal, technical, policy, business, and military thought leaders to engage in dialog. Today, technology and the Internet play a critical role in our lives; they have fundamentally shaped the way we work, consume, produce, and communicate. The issues and policies surrounding this topic are arguably the most important issues of this generation and for future generations to come. Yet there is a stunning lack of public discourse and awareness.

Introduction

First Annual One-Day Symposium

The Cyber Warfare One-Day Symposium is an annual conference. Its agenda is to promote constructive discourse about Cyber Warfare/Terrorism amongst leaders from a comprehensive range of sectors, including (but not limited to): NGOs, government, tech, commercial, military, and legal. The symposium will feature moderated panel discussions on cyber’s most current issues.

Findings from the conference will be published in the Journal of Law & Cyber Warfare.

About the Journal

The Journal of Law & Cyber Warfare provides a public peer-reviewed professional forum for the open discussion and education of technology, business, legal, and military professionals. The Journal concerns the legal issues businesses and governments confront arising out of cyber attacks or acts of cyber war. It is published twice per year by top legal professionals and scholars from the law, technology, security, and business industries. The views expressed in the Journal of Law and Cyber Warfare are those of the authors and not necessarily of the Journal of Law and Cyber Warfare or the Lexeprint Inc — the publishing company.

Manuscripts: The Journal of Law and Cyber Warfare seeks to publish articles making original contributions in the field. The Journal accepts both articles and compelling essays for publication that are related to the expansive topics of technology, law, security and business risk management. The Journal welcomes submissions from legal scholars, technologists, mathematicians, analysts, academics, policy makers, practitioners, lawyers, judges and social scientists.

Electronic submissions are encouraged. Submissions by email and attachment should be directed to submissions@jlcw.org.

Subscriptions: Subscription requests should be e-mailed to info@jlcw.org.

Internet Address: The Journal of Law and Cyber Warfare website is located at www.jlcw.org.
Sample Topics

- Survey of current cyber wars that have occurred to date and international community response.
- Dialog as to what constitutes an act of cyber war under international law?
- Discuss when can a country defend itself against a cyber war attack? What is the scope of response?
- Should there be a war crime court for cyber acts of war/terrorism?
- Will cyber warfare force countries to use only domestically created and monitored technologies?
- What is the difference between a cybercriminal and a cyber-war criminal?
- What is the international community’s approach to cyber warfare?
- Will cyber warfare encourage countries to get involved in conflicts around the globe?
- Will cyber warfare decrease military response in crises?
- Will cyber warfare create a situation similar to that of countries with nuclear capabilities and those without?
Pulse Advisory Cyber Security Accelerator

Pulse Advisory will host a national competition looking for innovative technologies related to Cyber Security. Pulse Advisory, a leading Venture Development firm specializing in Technology and Security, will offer $300,000 of Services to the company that they feel has demonstrated a unique idea or product that will disrupt the industry.

Pulse Advisory will conduct a nationwide campaign soliciting start-up companies to enter into a competition to receive this valuable prize that will significantly accelerate their company. The pool of entrants will be carefully vetted and narrowed down to a select group of finalists by the Advisory Board members of JLCW. The finalists will have the opportunity to directly pitch the Managing Partners of Pulse Advisory as well as a group of specialists in the field of Cyber Security.

The competition will be announced at the Conference and marketed within prominent start-up networks. The winners of the competition will attend the JLCW Conference in 2015.

Speakers

Founder of the Ponemon Institute.

Dr. Larry Ponemon, Ph.D., Chairman and Founder, CIPP

Dr. Larry Ponemon is the Chairman and Founder of the Ponemon Institute, a research “think tank” dedicated to advancing privacy and data protection practices. Dr. Ponemon is considered a pioneer in privacy auditing and the Responsible Information Management or RIM framework. He has extensive knowledge of regulatory frameworks for managing privacy and data security including financial services, health care, pharmaceutical, telecom and Internet. Dr. Ponemon was appointed to the Advisory Committee for Online Access & Security for the United States Federal Trade Commission. He was appointed by the White House to the Data Privacy and Integrity Advisory Committee for the Department of Homeland Security.

Brigham Young University. Reuben Clark Law School

Prof Eric Jensen former Chief of the Army's International Law Branch

Professor Jensen was the Chief of the Army’s International Law Branch; Deputy Legal Advisor for Task Force Baghdad; Professor of International and Operational Law at The Judge Advocate General’s Legal Center and School; legal advisor to the US contingent of UN Forces deployed to Skopje.

Assistant GC, JPMorgan Chase

Anthony A.J. Bosco former SVP of Investigations at Moody's Corporation

A.J. Bosco has more than 25 years of experience as a prosecutor, SEC Enforcement attorney and at diverse financial institutions, where he developed expertise in internal investigations, whistle blowing, regulatory exams and inquires, securities, banking and credit rating agency regulation, compliance policies and procedures, and assessing compliance risks. He is currently Vice President, Assistant General Counsel at JPMorgan Chase, where he is a member of the Cross Consumer Investigations Legal team. In that capacity, Mr. Bosco conducts internal investigations across all Chase consumer lines of business.
Co-Founder and CEO K2 Intelligence
Jeremy Kroll former Head of Kroll Information Security Group

Mr. Kroll is a co-founder of K2 Intelligence, prior to K2 Intelligence Mr. Kroll spent 11 years as a senior executive at Kroll Inc., a corporate investigations and risk consulting which was sold to Marsh & McLennan Companies in 2004. He served as Managing Director and Vice President of Corporate Sales and Marketing and as General Manager of the Information Security Group.

Managing Partner, Zeichner Ellman and Krause
David Chenkin

Mr. Chenkin has represented major corporations and senior executives in complex civil litigation and government investigations. He has counseled clients in many significant investigations conducted by the United States Senate Permanent Subcommittee on Investigations (“PSI”), and by federal, state and local prosecutors and regulators. He is nationally recognized for his expertise on cyber-crime, anti-money laundering (“AML”) compliance, and cyber fraud in the banking industry.

Sr. Director of Product Security, McAfee. Part of Intel Security
Dr. James Ransome

Dr. James Ransome, CISSP, CISM, is the Senior Director of Product Security and responsible for all aspects of McAfee’s Product Security Program to include the Product Security Incident Response Team (PSIRT), a corporate-wide initiative that supports the delivery of secure software products to customers. His career is marked by leadership positions in the private and public industries, having served in three chief information security officer (CISO) and four chief security officer (CSO) roles at Applied Materials, Autodesk, Qwest Communications, Pilot Network Services, Exodus Communications, Exodus Communications -Cable and Wireless Company, and Cisco. Prior to the corporate world, Dr. Ransome had 23 years of government service in various roles supporting the United States intelligence community, federal law enforcement, and the Department of Defense.

Founder & President of Cedric Leighton Associates
Cedric Leighton former Deputy Training Director at the National Security Agency

Mr. Leighton is the founder of Cedric Leighton Associates. Prior to this role he was a United States Air Force Colonel (USAF, retired) and was a Deputy Training Director at the National Security Agency in 2010. Leighton was deployed five times to the Middle East and assigned to the United States Special Operations Command. Col. Leighton led a Tactical Integration Team that was credited with enabling the destruction of 95 percent of Saddam Hussein’s air defense system.

Cyber Operational Lawyer, West Point
Robert Clark

Robert Clark is a cyber operational lawyer for the Army Cyber Institute, United States Military Academy in West Point, New York, taking over these duties from his position as Distinguished Professor of Law (Cyber) at the Naval Academy. A career military officer and attorney, he has over twenty years of experience within the Department of Defense, having served at its counterdrug command as well as numerous other challenging positions. He is the former Cybersecurity Information Oversight & Compliance Officer with the Office of Cybersecurity and Communications, Department of Homeland Security and former legal advisor to the Navy CIO; United States Computer Emergency Readiness Team; and, the Army’s Computer Emergency Response Team.

VP of Information Security at Accuvant (Blackstone company)
James Christiansen former CISO of General Motors

Mr. Christiansen is the vice president of information risk management and member of the Office of the CISO for Accuvant, where he helps CXOs make executive decisions based on the balance of risk and cost. Prior to joining Accuvant, Christiansen was Chief Information Risk Officer for Evantix and Chief Information Security Officer for Experian Americas. He joined Experian after serving as Chief Information Security Officer for General Motors where his responsibilities included worldwide implementation of security plan for the largest financial (GMAC) and the largest manufacturing corporation in the world.
Executive Managing Director, K2 Intelligence

Mitchell Silber, former Director of Intelligence Analysis at NYPD

Mr. Silber is the Executive Managing Director for Intelligence and Analytic Solutions at K2 Intelligence in New York, where he leads K2’s Data Analytics practice. This includes identifying and partnering with companies that are creating cutting edge analytics and cyber software platforms, designing new uses for them in the business intelligence and investigations arena and creating new business practice areas around them. Before joining K2, Mitch served as Director of Intelligence Analysis at the New York Police Department’s Intelligence Division where he supervised the analysis of all of terrorism related investigations and developed both the Analytic and Cyber Units between 2007 and 2012.

Partner, McGladrey LLP

Jim Clarahan

Jim Clarahan is a partner with McGladrey LLP, the Northeast regional leader of the McGladrey Alliance. He specializes in strategic planning, conflict management, ownership & management succession, meeting & retreat facilitation, project management, business development, negotiating and transactions. Today the McGladrey Alliance is one of the premier affiliations of independent accounting and consulting firms in the United States with more than 80 member firms in 42 states, Puerto Rico and the Cayman Islands with combined revenues exceeding $1 billion. Jim has also led the Alliance’s international relationship program facilitating services with the globally active business clients of Alliance member firms.

Principal and Founder, CIS

Alyson Krause

Alyson Krause works in venture capital, investing in early stage technology companies including cyber, and provides them with strategic planning guidance, coaching, and assistance with capital raises. Alyson is an advisor to and serves on the Executive Board of MobileOCT. Additionally, Alyson is on the Executive Board of Cienfuegos and serves as its Vice President. In her prior work, Alyson worked for SAIC on a Homeland Security Contract and for the Federal Reserve Bank of New York.

SVP & Chief Security Strategist at Norse

Brian Contos, CISSP

Brian Contos is a security company entrepreneur and published author with over two decades of experience building some of the most successful and disruptive security companies in the world. In addition to working in over 50 countries across six continents, Contos has been interviewed by industry and business press and is a regularly invited speaker worldwide. He is also a graduate of the University of Arizona, Distinguished Fellow with the Ponemon Institute and blogger for CSO Magazine.
Vice President, Chief of Security, ADP

Roland Cloutier, former VP, CSO at EMC Computer Systems

Roland Cloutier brings ADP a wealth of global protection and security leadership experience. His expertise includes the management of strategic converged security and business protection programs. Roland has functional and operational responsibility for ADP’s cyber, information protection, risk, workforce protection, crisis management, and Investigative security operations worldwide. Automatic Data Processing, Inc. (NASDAQ: ADP), with $10 billion+ in revenues and over 600,000 clients, is one of the world’s largest providers of business outsourcing solutions. Prior to ADP, Roland served as Vice President and CSO of EMC, where he spearheaded protection of the company’s worldwide business across both the commercial and government sectors. He has held executive security management roles at consulting and managed security service organizations and has more than nine years of experience in federal law enforcement.

Executive Managing Director, K2 Intelligence

Gad Goldstein, Founder & CEO of K2G Global

Mr. Goldstein has over 30 years of experience in the Israeli Security and Intelligence community. In his last several positions, Mr. Goldstein served as a division head, in the rank equivalent to Major General. During his tenure, Mr. Goldstein established and led a new technology division, introducing innovative thought paradigms that revolutionized the field. Mr. Goldstein was a research fellow at the Brookings Institute in Washington DC, and graduated from Bar Ilan University with a BA and from IDC Hertzliya with an MA.

Senior Associate of the GWU Cyber Security Initiative

Rhea Siers, former Deputy Associate Director for Policy at the NSA

Ms. Rhea Siers is a veteran of over after thirty years in the US Intelligence Community. Ms. Siers retired as a member of the Defense Intelligence Senior Executive Service and served in a variety of operational, legal, and policy positions including Deputy Associate Director for Policy at the National Security Agency. She is currently the Scholar in Residence at the Homeland Security Policy Institute at George Washington University (GWU) and a Senior Associate of the GWU Cyber Security Initiative. Her work currently includes a focus on policy efforts on key cyber policy issues and counterterrorism, training the next generation of cyber and intelligence analysts as well as creating a multidisciplinary cyber curriculum.

Ms. Siers is a member of the adjunct faculty of George Washington University and the Johns Hopkins University where she teaches courses on Intelligence, Counterterrorism Policy, Middle East issues, National Security Law and Transnational Security issues.
Agenda

8:00–9:00 am  
Check In and Breakfast

9:00 am–9:15 am  
Opening Remarks
Larry Ponemon, PhD,  
Founder and Chairman,  
Ponemon Institute

9:15 am–10:30 am  
Opening Panel
What constitutes an act of  
Cyber War under  
International Law
Moderator
Daniel Garrie, Executive  
Managing Partner at Law &  
Forensics
Panelists
Eric Jensen, BYU Law  
Professor
Shane Reeves, Lt. Colonel,  
US Army, Assoc. Professor,  
Dept. of Law, West Point.
Cedric Leighton, President,  
Cedric Leighton Associates

10:30–11:00 am  
Networking Break

11:00 am–12:00 pm  
Panel Discussion (Group 1)
Survey of Current Cyber  
Wars and International  
Community Response
Moderator
Cedric Leighton, President,  
Cedric Leighton Associates
Panelists
Gad Goldstein, Executive  
Managing Partner, K2  
Intelligence
Rhea Siers, Senior Associate,  
GWU, Cybersecurity Initiative
Robert Clark, Cyber Operational Lawyer, Army Cyber  
Institute

11:00 am–12:00 pm  
Panel Discussion (Group 2)
What is the difference between a Cyber Criminal and a Cyber Soldier? How will companies address cyber attacks by State Actors?
Moderator
Jim Clarahan, Partner,  
McGladrey LLP
Panelists
James Christiansen, VP  
Information Security at Accuvant
Daniel Garrie, Executive  
Managing Partner, Law &  
Forensics
Mitchell Silber, Executive  
Managing Director, K2 Intelligence

12:00–1:00 pm  
Lunch
Announcement of Pulse  
Advisory Cyber Security  
Competition

1:00–2:00 pm  
Panel Discussion (Group 1)
How far is too far when a company responds to a cyber-attack, be it cyber warfare or terrorism, by a State Actor?
Moderator
Jin Clarahan, Partner,  
McGladrey LLP
Panelists
James Christiansen, VP  
Information Security at Accuvant
Daniel Garrie, Executive  
Managing Partner, Law &  
Forensics
Mitchell Silber, Executive  
Managing Director, K2 Intelligence

2:00–2:30 pm  
Networking Break
2:30–3:30 pm
Panel Discussion (Group 1)
Should there be an international court where cyber war crimes or acts of technology-based terrorism/war should be tried?

**Moderator**
Arthur Aidala, Senior Partner, Aidala & Bertuna, P.C.

**Panelists**
Robert Clark, Cyber Operational Lawyer, Army Cyber Institute, West Point
Roland Cloutier, VP, CSO ADP
Mitchell Silber, Executive Managing Director, K2 Intelligence

2:30–3:30 pm
Panel Discussion (Group 2)
Cyber Warfare: A Technical Survey of the Weapons Used in Battle

**Moderator**
Alyson Krause, Principal and Founder, CIS

**Panelists**
Brian Contos, SVP and Chief Security Strategist, NORSE
James Ransome, Sr. Director of Product Security, McAfee
Cedric Leighton, President, Cedric Leighton Associates

3:30–3:45 pm
Break

3:45–5:00 pm
Final Panel
Cyber Warfare and Rules of Engagement

**Moderator**
Jeremy Kroll, CEO K2 Intelligence

**Panelists**
Gad Goldstein, Executive Managing Partner, K2 Intelligence
Eric Jensen, BYU Law Professor
Rhea Siers, Senior Associate of the GWU Cyber Security Initiative

5:00–6:00 pm
Networking
10 Reasons why you should attend

1. **Participate** in simulations that animate the complexity and speed of data breach response, including from a global perspective.

2. **Debate** the intersection of law and cyber warfare, including global criminal court systems for cyber war criminals.

3. **Network** with industry and government leaders and a cross-section of professionals addressing cyber risk.

4. **Learn** about the threats that face businesses and States due to cyber warfare/terrorism.

5. **Discover** how emerging technologies in cyber security could protect your business.

6. **Enjoy** networking opportunities with thought leaders in business, government, law, and technology.

7. **Hear** from top CISOs, lawyers, and government officials regarding the evolving role of the law in cyber warfare.

8. **Understand** the technical definition of cyber warfare and cyber criminals and how they apply to cyber attacks.

9. **Gain** insider cybersecurity lessons from expert panelists.

10. **Be** at the forefront of the major cyber security issues that face our world today.
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We anticipate selling out quickly so please reserve your passes as soon as possible. Nowhere else will you be able to learn from a CLE faculty with this level of cybersecurity knowledge and skill!

To register for the conference, please visit our website:
conference.jlcw.org

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