THE DCRO
RISK GOVERNANCE
INSTITUTE

Qualified Risk Director® Training

FUNDAMENTALS OF CYBER RISK GOVERNANCE

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MODULE 1

Cyber as a Strategic Issue and a Systemic Risk

Cyber is not merely a technical matter. It's an increasingly strategic issue and a systemic risk. Become more predictive and less reactive.

JANEY YOUNG

Head of Global Investigations, Chainalysis

The rapid development of technology has had a positive effect across business, enhancing many digitalization opportunities. It has also enabled new and emerging threats and the need for greater prioritization of cyber security. When cyber risks materially threaten the solvency or viability of as many as 1 in 6 businesses, the long-term gains of a board's investment in cyber security strategy cannot be overstated. Striking the right balance, so the strategy maintains appropriate defenses while enabling added value to productivity, is the key to long-term value creation.

Janey Young is a commended senior investigation specialist who has coordinated some of the most high-profile cyber investigations impacting globally. She has over two decades of experience in international law enforcement, leading the investigations response in the UK National Cyber Crime Unit and at Europol's European Cybercrime Centre in The Hague. She is now the Head of Global Investigations at Chainalysis, driving their mission to help improve security across the rapidly evolving world of blockchain technology

MODULE 2

Boards and the Governance of Cyber Risk

The resilience of your organization fundamentially depends on the ability to accurately and comprehensively understand, manage. and govern cyber risk.

DAVID X MARTIN

Special Counselor, Author, Former Chief Risk Officer

The specific needs of any effective cyber program include careful planning, smart delegation, and a system for monitoring compliance — all of which directors should oversee. It's no longer a question of whether a company will be attacked but more a question of when this will happen — and how the organization will prevent it. Cybersecurity cannot be guaranteed, but a timely and appropriate reaction can. The board should consider cybersecurity as a managerial issue, not just as a technical one

David X Martin co-chaired the DCRO Cyber Risk Governance Council. He is a Special Counselor to the Center for Financial Stability, the author of CyRM: Mastering the Management of Cybersecurity, and the former Chief Risk Officer of Alliance Bernstein. David co-chaired a public/private initiative with the FBI and major corporations on intelligence sharing and best practices, consulted for a leading central bank on cyber security audits of financial institutions, chaired an information security committee for a public corporation, and was Citigroup's first enterprise risk manager.

Note: Faculty and case study affiliations are for information purposes only. No suggestion is made that these organizations have any affiliation with this course or the DCRO Institute. They are not responsible for its content in any way.

MODULE 3

Unmasking the Enemy

New threats and adversaries are exploting global connectivity every day. Learn their tactics, capabilities, motivations, and potential impact.

SELIM AISSI

Board Member and Chief Information Security Officer

Cybercrime is a multibillion-dollar business, led by international criminal organizations with large capabilities, using high-end technology and highly-skilled staff, even outsourcing. The cybercrime market has increased significantly because of the development of cryptocurrencies and deep web marketplaces. We discuss the different faces of the enemy in the cyber domain, their tactics, and the impact of their actions, giving board members the necessary knowledge tools to succeed in their governance role.

Recognized as CISO of the Year in 2019, One of the Top 100 CISO's Globally in 2017, and One of the Most Influential CISOs in 2016, Selim Aissi has a demonstrated track record of aligning security with business strategies. He is focused on driving the information security agenda through balanced strategies and strong partnerships. He's built some of the most advanced cybersecurity capabilities and developed some of the world's most innovative security technologies working in the Defense, Technology, and Financial industries. He serves on the boards of Applied Dynamics International and the National Technology Security Coalition.

MODULE 4

Cyber Defense Best Practices

Defending an organization from cyber-attacks requires board oversight to ensure that a comprehensive approach is in place, including technical and organizational security controls, all at a global standard level.

ED SLEIMAN

Chief Information Security Officer

Organizational and technical cybersecurity controls are essential for securing data and infrastructure. These controls range from access control mechanisms, such as strong passwords and authentication processes, to encryption techniques that protect sensitive information from unauthorized access. Understanding the most relevant technical and organizational security controls at the board level is crucial in your oversight role. In this session, you'll learn about the techniques and protocols used to detect and respond to cyber-attacks and gain an understanding of the purpose and scope of the leading international standards for cyber defense.

Ayed (Ed) Sleiman is the former Head of Information Security for King Abdullah University of Science and Technology (KAUST) in Saudi Arabia. He is an active speaker at security and risk management conferences in the Gulf Region, including the Gartner Security and Risk Management Summit, the RSA Conference, The Gulf Information Security Exhibition (GISEC), and the CISO Summit.

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MODULE 5

Cyber Incidence Preparation and Response

Do you have an incident plan? Do you have critical external parties on retainer? Do you have your internal team identified and ready to act? Learn how to be ready to respond.

DAVID HAHN

Chief Security Officer, Board Member, and Hacker

It's almost certain that your organization will experience some form of a cyber incident. While responding to the attack is critical, the effectiveness of that response is highly dependent upon how well you have prepared. David discusses the various parties involved in pre-planning and response, lessons learned, and best practices for board members and executives to ensure are already in place before you need to respond.

David has a long history in Information Security and is a trusted business partner addressing the ever-growing and complex Cybersecurity landscape. He is the CISO at CDK Global, a leader in software and technology for the automotive industry. His career includes Financial Services at Silicon Valley Bank, and past with Wells Fargo Bank, Software Product, and Services with Intuit (makers of TurboTax and Quickbooks), and large diversified Media/Data company with Hearst Corporation with large stakes in TV, Newspapers, Magazines, Healthcare, Transportation and Financial (Fitch Ratings).

CASE STUDY INTERVIEWS

Practicing executives and board members provide practical guidance and insights on both the use of emerging technologies and the importance of thoughtful cyber risk governance and management.

- **Selim Aissi**, Board Member and Global Chief Information Security Officer
- **Lauren Anderson**, Board Member, Former FBI Executive
- **Kevin Brock**, Board Member, Former Head of the FBI National Counter-terrorism Center
- **Dr. Mark Frigo**, Board Member and Head of the Center for Strategic Risk Management
- **Susan Holliday**, Qualified Risk Director,® Board Member, and Former Senior Executive
- **Dr. Philip Moulton**, Qualified Risk Director® and Director of Risk Management

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Who is this course for?

This is our introductory course for current and aspiring directors and executives who seek a better understanding of technologies for strategic growth. Along with these technologies come challenging risks, of which you must be aware. We take an agnostic approach to teaching, meaning the content is relevant for all industries and geographies. No technical knowledge or previous experience is required.

What is the format?

Expert speakers, use cases, and supplemental reading materials, are delivered through nine online sessions. You can study at your own pace, with three to five hours of total study time expected.

What is the cost?

Tuition for one year of access to the modules and all additional learning materials is US$795. Applicants from developing markets are eligible for 50% scholarship discounts. Groups should contact info@dcroi.org to receive discounted pricing options.

Register Now

Qualified Risk Director® Training

The DCRO Institute is a nonprofit collaborative educational initiative that brings essential risk governance expertise to the boardroom and c-suite. We offer a growing library of self-directed and expert-guided learning opportunities that focus on the practical aspects of governing risk-taking in pursuit of corporate goals and purpose. Graduates from our programs are leaders in boardrooms and c-suites on five continents. Our emphasis is on the positive use of risk and risk knowledge in the strategic planning and execution of plans at organizations of all sizes worldwide and in developing the people to do that work as Qualified Risk Directors®.