FAIR
CONFERENCE
2019

HOW TO BUILD A
QUANTITATIVE RISK MANAGEMENT
PROGRAM WITH FAIR

FAIR INSTITUTE

CHAIRMAN'S
WELCOME

The evidence is clear. Cyber and technology risk management expectations and practices continue to advance toward quantitative methods, and FAIR is the industry standard that enables that advancement. So the question is no longer *"can it be done"* or even *"should it be done"*, but rather *"how to accomplish the transition."*

Consequently, the *2019 FAIR Conference* is focused on helping organizations identify a path towards building quantitative risk management programs that are most likely to be successful given their objectives, resources, and constraints.

Leaders in the industry who have begun the journey will share their successes and challenges, as well as the strategies that have allowed them to make progress. With **FAIRCON*19***, members of the FAIR community will have an opportunity to meet in person, establish trusted conversations, and aid one another in elevating our profession to a higher level.

JACK JONES
CHAIRMAN

FAIR INSTITUTE

FAIRCON*19*

Bringing leaders in information and operational risk management together to explore FAIR best practices that produce greater value, align with business goals, and prepare for digital transformation.

FAIRCON
2019

THE AGENDA

DAYONE

7:30 - 9:00 AM **Registration and Breakfast**

9:00 - 9:15 AM **Welcome Remarks**
Nick Sanna, President, FAIR Institute

9:15 - 10:00 AM **Conference Keynote: Enabling Risk Management Programs That Actually Work**
Jack Jones, Chairman, FAIR Institute, EVP R&D, RiskLens

10:00 - 10:45 AM **Presentation: Defining the Goals of an Effective Risk Management Program**

Moderator: *Jack Jones*, Chairman, FAIR Institute
Christopher Porter, CISO, FannieMae
Omar Khawaja, CISO, Highmark Health
Emery Csulak, Deputy CIO for Cybersecurity/CISO, U.S. Department of Energy
Joey Johnson, CISO, Premise Health

10:45 - 11:15 AM **Networking Break**

11:15 AM - 12:00 PM **Panel: Building a Cybersecurity Program with a Risk Management Framework & FAIR**
Moderator: *Jack Freund*, Director Risk Science, RiskLens
Kevin Stine, Chief of the Applied Cybersecurity Division, NIST
Ian Amit, CSO, Cimpress
Jason Martin, GRC Team Manager, Highmark Health
Michael Parisi, Vice President Assurance Strategy, HITRUST

12:00 - 1:00 PM **Networking Lunch & Guest Presentation: The View from U.S. Congress**
Rep. Jim Langevin, Co-Chair Congressional Cybersecurity Caucus

DAYONE

1:00 - 2:00 PM

"Starting with FAIR" (Beginner Track)
Presentation: A Crash Course on Quantitative vs. Qualitative
Evan Wheeler, CISO, Financial Engines

"Advanced Users" Track
Presentation: Closing the Risk Management Loop with Cyber Risk Quantification
Greg Rothauser, Enterprise Business Information Security Officer (BISO), MassMutual

2:00 - 2:30 PM

Networking Break

2:30 - 3:30 PM

Presentation: Am I Mature Enough to Adopt FAIR? Uncovering the True Success Factors
Mary Faulkner, Dir. of Information Security, Thrivent Financial
Ben Storm, Info Sec Risk Analyst, Thrivent Financial

Presentation: Operationalizing Risk Quantification in Business Processes
Jack Whitsitt, SVP and FAIR Team Lead, Bank of America

3:30 - 4:00 PM

Networking Break

4:00 - 5:00 PM

Presentation: Various Stages of FAIR Adoption
Geoji Paul, Director, Information Security Risk, Centene Corporation
Nathan Thomack, Cyber Security Risk Manager, Emerson

Case Study: Scoping Enterprise Risk Assessments
Keith Weinbaum, Enterprise Risk Management Architect, Quicken Loans

6:00 - 10:00 PM

Social Event at Cadillac Ranch
186 Fleet St, Oxon Hill, MD 20745

DAYTWO

7:30 - 9:00 AM   **Breakfast & Networking**

9:00 - 9:05 AM   **Opening Remarks**

9:05 - 09:45 AM   **Keynote Address: Why Digital Business Needs IRM & Risk Quantification**
John Wheeler, Global Research Leader - Risk Management Technology, Gartner

09:45 - 10:45 AM   **Presentation: Use Case Panorama - How Quantification Enables Risk-Aligned Decision Making**
Moderator: *Chris Patteson,* Executive Director Risk Transformation Office, RSA
Alex Rogozhin, VP, Info Sec Data Intelligence, BB&T
Laura Voicu, Senior Security Architect, Swisscom
Luke Domet, Technology Risk and Information Security Professional, Fidelity Investments
India Sutton, Global Cyber Risk Management Specialist, Daimler Mobility AG

10:45 - 11:15 AM   **Networking Break**

11:15 AM - 12:00 PM   **Presentation: How to Measure Risk with Limited and Messy Data: Overcoming the Myths**
Doug Hubbard, President, Hubbard Decision Research

12:00 - 1:30 PM   **Awards Luncheon**
FAIR Business Innovator
FAIR Champion
FAIR Ambassador

1:30 - 2:15 PM

Pen Testing Your Board Pitch: An Interactive Exercise
Moderator: *Kim Jones*, FAIR Institute Advisory Board Member
James Lam, Head of Risk Committee, Director, E*TRADE, NACD 100 Fellow
Chris Inglis. Board of Directors Member, FedEx, KeyW, Huntington Bank
FAIR Institute Cyber Risk Management Workgroup

2:15 - 2:45 PM

Networking Break

2:45 - 3:30 PM

Case Study: Integrating Strategic Intelligence and FAIR
Musso Shaikh, Program Manager, Cyber Threat Intelligence, Fannie Mae

Panel: Integrating Cyber Into ERM
Moderator: *Evan Wheeler*, CISO, Financial Engines
Greg Barna, Executive Director of Operational Risk Management, DTCC
Yael Nagler Fmr. Global Enterprise Information & Technology Risk, BlackRock
Michael Kenney, VP of Operational Risk, Freddie Mac

3:30 - 3:45 PM

Networking Break

3:45 - 4:45 PM

Case Study: Using FAIR to Take the Headache out of Considering Cyber Insurance for Your Business
Jeremy Alexander, Sr. Risk Expert, Walmart

Managing Organizational and Third-party Risk in the Age of Digital Transformation: Practical Lessons and Data-influenced Considerations
Tom Baine, VP, RiskRecon
Wade Baker, Co-Founder, Cyentia Institute
Chris Golden, Director of Information Security, Horizon Blue Cross Blue Shield of New Jersey

4:45 - 5:00 PM

Closing Remarks

THE EMCEES

DONNA GALLAHER
PRESIDENT AND CEO, NEW OCEANS ENTERPRISES, FAIR INSTITUTE ADVISORY BOARD MEMBER

Ms. Gallaher is the President & CEO of New Oceans Enterprises, LLC providing Cybersecurity and Data Privacy Risk Advisory and Program Management Services as a virtual CISO and risk officer. She has served as a C-Level Strategic Advisor in IT and Cyber Strategy for multiple global companies including Wipro, SunGard, ABB Software, First Advantage and InComm Financial Services. Ms. Gallaher serves on the Board of Advisors for the FAIR Institute and as the Founder and Chapter President of the Atlanta FAIR chapter.

9:00 - 9:15 AM

Welcome Remarks

KIM JONES
DIRECTOR, SECURITY OPERATIONS, INTUIT, FAIR INSTITUTE ADVISORY BOARD MEMBER

Kim L. Jones is a 32-year intelligence, security, and risk management professional with expertise in information security strategy; governance & compliance; security operations; and risk management. Professor Jones is a former Chief Security Officer who has built, operated, and/or managed information security programs within the financial services, defense, healthcare, manufacturing, and business outsourcing industries.

Wednesday
1:30 - 2:15 PM - Moderator

Pen Testing Your Board Pitch: An Interactive Exercise

THE **SPEAKERS**

NICK SANNA
PRESIDENT, FAIR INSTITUTE

Nick is President and Founder of the FAIR Institute and the CEO of RiskLens who is responsible for the definition and the execution of the company strategy. In 2015, Nick championed the creation of the Institute, an expert organization, focused on helping organizations manage information and operational risk from the business perspective. As such, Nick serves as the President of the FAIR Institute to help Risk Officers and CISOs get a seat at the business table by leveraging the FAIR standard.

9:00 - 9:15 AM

Welcome Remarks

JACK JONES
CHAIRMAN, FAIR INSTITUTE

Jack is one of the foremost authorities in the field of information risk management. He has worked in technology for over 30 years, the past 28 years in information security and risk management. He has a decade of experience as a Chief Information Security Officer (CISO) with three different companies, including a Fortune 100 financial services company. He is the author and creator of the Factor Analysis of Information Risk (FAIR) framework. He writes about that system in his book **Measuring and Managing Information Risk: A FAIR Approach**, which was inducted into the Cyber Security Canon in 2016.

9:15 - 10:00 AM

Conference Keynote: Enabling Risk Management Programs That Actually Work

10:00 - 10:45 AM - Moderator

Presentation: Defining the Goals of an Effective Risk Management Program

CHRISTOPHER PORTER
CISO, FANNIE MAE
FAIR INSTITUTE ADVISORY BOARD MEMBER

Christopher Porter is the CISO for Fannie Mae and helps to communicate the importance of information security across the enterprise and to mature and innovate Fannie Mae's defense and response capabilities. Porter has over 15 years of experience in IT and security industries. In his previous role at Verizon, Porter was a lead analyst and author of Verizon's Data Breach Investigations Report series. Porter is a member of the Advisory Board for the McIntire School of Commerce M.S. in MIT at the University of Virginia as well as the Board of Directors at the FAIR Institute.

10:00 - 10:45 AM

Presentation: Defining the Goals of an Effective Risk Management Program
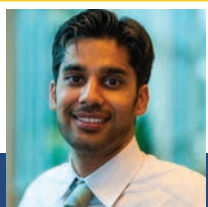
OMAR KHAWAJA
CISO, HIGHMARK HEALTH

Omar Khawaja is vice president and chief information security officer (CISO) for Highmark Health, a national health and wellness organization and the second largest integrated financing and delivery network by revenue in the United States. In his current role, Mr. Khawaja oversees information security and risk management for the Highmark Health portfolio of leading health care businesses that employ more than 40,000 people and serve millions of Americans in 50 states. Mr. Khawaja was the 2018 Business Innovator award winner.

10:00 - 10:45 AM

Presentation: Defining the Goals of an Effective Risk Management Program

EMERY CSULAK

DEPUTY CIO FOR CYBERSECURITY/CISO,
U.S. DEPARTMENT OF ENERGYPRESIDENT,
FAIR INSTITUTE

Emery Csulak is the Chief Information Security Officer (CISO) and Deputy Chief Information Officer for Cybersecurity at the Department of Energy (DOE). He leads the integrated Joint Cybersecurity Coordination Center (iJC3) and the DOE Big Data Platform (BDP) for ensuring enterprise operational visibility, analytics, and threat hunting. He manages the cybersecurity strategy, policy, and oversight of $1.5B annual IT investment. Previously, Mr. Csulak served as the CISO and Senior Official for Privacy for the Centers for Medicare and Medicaid Services (CMS). In this position, he established and led the CMS Cybersecurity Integration Center for a $2.6B IT program.

10:00 - 10:45 AM

Presentation: Defining the Goals of an Effective Risk Management Program

JOEY JOHNSON
CISO, PREMISE HEALTH

Since 2009 Joey Johnson has served as the Chief Information Security Officer at Premise Health, the nation's leading provider of direct access employer sponsored health and wellness centers for employees with nearly 650 facilities across America. Prior to joining Premise Health, Joey was the Chief Security Officer for the United States Department of Commerce, Office of Computer Services. He has over 20 years of experience in the cyber-security industry including leadership roles in both the public and private sectors, with a focus on organizations in the federal government, defense, information technology, healthcare, and transportation industries.

10:00 - 10:45 AM

Presentation: Defining the Goals of an Effective Risk Management Program
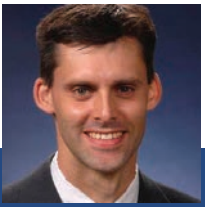
KEVIN STINE
CHIEF OF THE APPLIED CYBERSECURITY DIVISION, NIST

Mr. Kevin Stine is the Chief of the Applied Cybersecurity Division in the National Institute of Standards and Technology's Information Technology Laboratory. In this capacity, he leads NIST collaborations to improve cybersecurity and privacy risk management through the effective application of standards, best practices, and technologies. The Applied Cybersecurity Division develops cybersecurity and privacy guidelines, tools, and reference architectures in diverse areas and is home to several priority programs including the Cybersecurity Framework.

11:15 AM - 12:00 PM

Panel: Building a Cybersecurity Program with a Risk Management Framework & FAIR

IAN AMIT
CSO, CIMPRESS

Ian Amit is the Chief Security Officer at Cimpress, a publicly traded global technology company with presence in over 45 countries. He has been a security practitioner and a hacker for over 20 years, with his career spanning executive leadership positions with companies such as Amazon, ZeroFox, IOActive, Aladdin, and more. He is one of the founders of the Penetration Testing Execution Standard, a co-founder of the Tel Aviv DEFCON group, serves on the board of directors of BSides Las Vegas, and serves on several advisory boards of security companies.

11:15 AM - 12:00 PM

Panel: Building a Cybersecurity Program with a Risk Management Framework & FAIR

JACK FREUND, PhD
DIRECTOR OF RISK SCIENCE, RISKLENS

Dr. Jack Freund is a leading voice in cyber risk measurement and management. He is an expert at using risk quantification to implement, mature, and sell information risk and security programs. Jack is currently serving as Director, Risk Science at RiskLens and previously worked for TIAA as Director, Cyber Risk. The book Jack co-authored on quantifying risk (Measuring and Managing Information Risk: A FAIR Approach) was inducted into the Cybersecurity Canon in 2016. Jack's writings have appeared in the ISSA Journal, Homeland Security Today, and the @ISACA newsletter.

11:15 AM - 12:00 PM - Moderator

Panel: Building a Cybersecurity Program with a Risk Management Framework & FAIR

JASON MARTIN
GRC TEAM MANAGER,
HIGHMARK HEALTHCISO, PREMISE HEALTH

As part of the Cyber Risk Management team, Jason Martin is responsible for coordinating and producing FAIR-based risk assessments and has been a key contributor in shaping the program. Jason leads a team within the Information Security and Risk Management department at HM Health Solutions, a subsidiary of Highmark Health, one of the largest integrated financing and healthcare delivery systems in the United States.

11:15 AM - 12:00 PM

Panel: Building a Cybersecurity Program with a Risk Management Framework & FAIR

MICHAEL PARISI
VICE PRESIDENT ASSURANCE
STRATEGY, HITRUST

Michael Parisi has led over 500 controls-related engagements primarily in the healthcare and financial services industries. He has extensive experience with third-party assurance reporting including HITRUST readiness, HITRUST certification, SOC 1, SOC 2, SOC 3, Agreed Upon Procedure and customized AT-101 engagements. He has extensive knowledge of financial reporting and regulatory standards through his external audit and consulting experience, including Sarbanes Oxley, HIPAA, NIST, CMS and state specific standards.

11:15 AM - 12:00 PM

Panel: Building a Cybersecurity Program with a Risk Management Framework & FAIR

EVAN WHEELER
CISO, FINANCIAL ENGINES
FAIR INSTITUTE ADVISORY BOARD MEMBER

Evan Wheeler is an expert in information security and operational risk management for organizations in many critical infrastructure sectors. Wheeler has extensive experience presenting business resilience and cyber threat profiles to board committees, managing international teams, working directly with regulators and overseeing security operations. He is a specialist in building and running risk programs for organizations in highly regulated environments.

Tuesday
1:00 - 2:00 PM

Presentation: A Crash Course on Quantitative vs. Qualitative

Wednesday - Moderator
2:45 - 3:30 PM

Panel: Integrating Cyber Into ERM
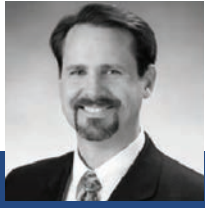
GREG ROTHAUSER
ENTERPRISE BUSINESS INFORMATION SECURITY OFFICER (BISO), MASSMUTUAL

Greg Rothauser has been working in Information Technology for over 15 years, with the last 10 in information security and risk. Currently, he is acting as Enterprise Business Information Security Officer (BISO) for MassMutual, a Fortune 100 mutual insurance and financial services company and spearheading a project to transform and mature their risk assessment and management service.

1:00 - 2:00 PM

Presentation: Closing the Risk Management Loop with Cyber Risk Quantification

MARY FAULKNER
DIR. OF INFORMATION SECURITY, THRIVENT FINANCIAL

Mary Faulkner is Director of Information Security at Thrivent Financial in Appleton, Wisconsin. Mary has led Global IT organizations driving maturity in Information Security and Network and Security Operations. She has over 20 years of experience in Information Security, Litigation Advisory Services and IT Audit. Mary has served a number of industries in security advisory roles to include technology, insurance, retail, gaming, government, automotive, and manufacturing.

2:30 - 3:30 PM

Presentation: Am I Mature Enough to Adopt FAIR? - Uncovering the True Success Factors

BEN STORM
INFO SEC RISK ANALYST, THRIVENT FINANCIAL

Ben Storm is an Information Security Risk Analyst at Thrivent Financial in Appleton, Wisconsin with over five years of experience. Ben's primary focus is building and operationalizing Thrivent Financial's information security risk management methodology. Ben's experience spans policy, standards, security technologies, project management and analytics. Prior to joining Thrivent, Ben spent five years in Information Technology working within the healthcare industry.

2:30 - 3:30 PM

Presentation: Am I Mature Enough to Adopt FAIR? - Uncovering the True Success Factors

JACK WHITSITT
SVP & FAIR TEAM LEAD, BANK OF AMERICA

Jack Whitsitt is a Senior Vice President at Bank of America leading a team building a FAIR-based Information Security Risk Quantification and Forecasting program. Prior to working at the bank, he spent 15 years working his way up and through multiple information security roles and has had national and internationally scoped information security and risk responsibilities, including: building an MSSP SOC capability, pipeline sector-wide risk analysis, and critical infrastructure incident response.

2:30 - 3:30 PM

Presentation: Operationalizing Risk Quantification in Business Processes

GEOJI PAUL
DIRECTOR, INFORMATION SECURITY, CENTENE CORPORATION

Geoji Paul is a Director of Security Risk Management at Centene where he leads a team of information risk analysts who conduct qualitative and quantitative risk analysis. Prior to Centene, Geoji was a Director of Information Security at Express Scripts. His responsibilities at Express Scripts includes setting of the Information Security strategy through policies and standards, creating security awareness among the 25,000+ employees of the company, heading the metrics & analytics division of Information Security and leading the risk quantification program.

4:00 - 5:00 PM

Presentation: Various Stages of FAIR Adoption

NATHAN THOMACK
CYBER SECURITY RISK MANAGER, EMERSON

Nathan has over 10 years experience of IT architecture, design, and operational information security. This comprehensive background enables the design of tailored solutions to unique business requirements while still meeting compliance and data protection standards. Nathan is experienced with multiple mergers and acquisitions and the design of new IT project architecture and has expert knowledge in firewall design, implementation, and support.

4:00 - 5:00 PM

Presentation: Various Stages of FAIR Adoption

KEITH WEINBAUM
ENTERPRISE RISK MANAGEMENT ARCHITECT,
QUICKEN LOANS

Keith has worked at Quicken Loans for 21 years and is currently an Enterprise Risk Architect with the Enterprise Risk Management group which covers ERM for Quicken Loans and 10 other sister companies. He built the Information Security function and led it for 10 years. From there he built the Enterprise Risk Management function which he led for 6 years. He oversaw the implementation of FAIR which has been a centerpiece in how most risk is measured enterprise-wide. As an Architect he now exclusively focuses on improving risk management-related processes.

4:00 - 5:00 PM

Case Study: Scoping Enterprise Risk Assessments

JOHN WHEELER
GLOBAL RESEARCH LEADER
RISK MANAGEMENT TECHNOLOGY, GARTNER

Mr. Wheeler is a recognized expert and a frequent speaker/author on the effective use of risk management practices in large, complex organizations, as well as midsize businesses. His major areas of specialty include enterprise/operational risk management, executive leadership and corporate governance. He has 30+ years of professional experience in a variety of executive management, financial operations, risk management and IT-related roles. Prior to joining Gartner, has served as a Senior Vice President and Senior Risk Officer within the Corporate Risk Management division at a major U.S. financial services company.

**Wednesday
9:05 - 09:45 AM**

**Keynote Address: Why Digital Business Needs IRM & Risk Quantification**

CHRIS PATTESON
EXECUTIVE DIRECTOR
RISK TRANSFORMATION OFFICE, RSA

Chris Patteson has more than two decades experience as a practitioner, leader, and innovator within Governance Risk and Compliance and Integrated Risk Management in the manufacturing, technology, and logistics sectors. Prior to joining RSA, he managed a team of data scientists and application developers to build new methods, models, and architectures for managing fraud and cargo security for a global logistics organization. Chris continues to drive innovation in advanced data modeling techniques and creating actionable intelligence for managing risk.

Wednesday
09:45 - 10:45 AM - Moderator

Presentation: Use Case Panorama - How Quantification Enables Risk-Aligned Decision Making
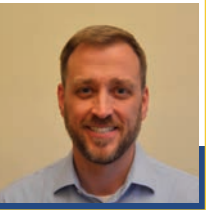
LUKE DOMET
CENTER OF EXCELLENCE LEAD
TECHNOLOGY RISK ASSESSMENTS
FIDELITY INVESTMENTS

Luke Domet is a Principal Technology Risk Analyst within the Enterprise Technology Risk & Analytics business unit at Fidelity Investments. Luke Domet leads the Risk Assessment Center of Excellence within the Enterprise Technology Risk & Analytics business unit at Fidelity. His team is responsible for executing quantitative risk assessments across all operations technology platforms. Prior to joining Fidelity, Luke was a technology and management consultant in the public services sector leading process modernization engagements for federal and state government clients.

Wednesday
09:45 - 10:45 AM

Presentation: Use Case Panorama - How Quantification Enables Risk-Aligned Decision Making

ALEX ROGOZHIN
VP, INFO SEC DATA INTELLIGENCE, BB&T

Alex Rogozhin is a visionary information security data science and engineering leader for BB&T bank. Alex enables business stakeholders to achieve optimal balance between operational efficiency and cybersecurity posture by providing end-to-end visibility of cybersecurity program through the use of data and analytics. In his current role, Alex built the information security analytics program from the ground-up, he has recruited and currently leading a high-performing data science / engineering team.

Wednesday
09:45 - 10:45 AM

Presentation: Use Case Panorama - How Quantification Enables Risk-Aligned Decision Making

LAURA VOICU
SENIOR SECURITY ARCHITECT, SWISSCOM

Laura is an experienced and highly skilled enterprise architect, who has received her MSc in Physics and PhD in Computer Science. She is a leader in enterprise and data architecture, quantitative risk analysis, and cloud computing.

**Wednesday
09:45 - 10:45 AM**

Presentation: Use Case Panorama - How Quantification Enables Risk-Aligned Decision Making

INDIA SUTTON
GLOBAL CYBER RISK MANAGEMENT SPECIALIST, DAIMLER MOBILITY AG

India Sutton brings over 10 years of experience providing risk management direction to financial service organizations. As a Global Cyber-Risk Management Specialist at Daimler Mobility AG, India supports initiatives to manage cyber risk within company tolerance across 43+ countries. India began her career with the Federal Deposit Insurance Corporation, focused on overseeing cybersecurity risk at large, complex banks.

**Wednesday
09:45 - 10:45 AM**

Presentation: Use Case Panorama - How Quantification Enables Risk-Aligned Decision Making
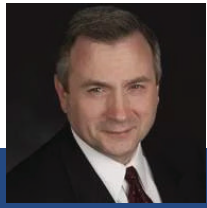
DOUG HUBBARD
FOUNDER, HUBBARD DECISION RESEARCH

Mr. Hubbard is the inventor of the powerful Applied Information Economics (AIE) method, which has helped solve a variety of business issues, including IT and cybersecurity benefits and risks, and has received critical praise from Gartner and Forrester Research. His books – including How to Measure Anything in Cybersecurity Risk (co-authored with Richard Seiersen) - have sold over 140,000 copies in eight languages; three are required reading for the Society of Actuaries exam prep. Mr. Hubbard is also published in the prestigious journal Nature as well as The American Statistician, CIO Magazine, and others.

Wednesday
11:15 AM - 12:00 PM

Presentation: How to Measure Anything in Cybersecurity Risk: An Executive Overview

JAMES LAM
HEAD OF RISK COMMITTEE, DIRECTOR E*TRADE, NACD 100 FELLOW

James Lam was recognized in the 2017 NACD Directorship 100 as one of "the most influential directors in the boardroom community." He sits on the Board of Directors at E*TRADE Financial Corporation where he serves as the Chairman of the Risk Oversight Committee and as a member of the Audit Committee. In nearly 35 years in the risk management field, Lam has held the Chief Risk Officer job at both Fidelity Investments and GE Capital Markets Services.

Wednesday
1:30 - 2:15 PM

**Pen Testing Your Board Pitch: An Interactive Exercise**
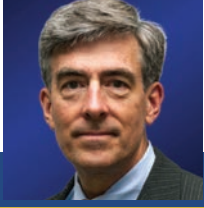
CHRIS INGLIS
BOARDS OF DIRECTORS, FEDEX, KEYW, AND HUNTINGTON BANK

John C. (Chris) Inglis is a former Deputy Director of the National Security Agency (2006-2014), currently serving as the Looker Distinguished Visiting Professor of Cyber Studies at the United States Naval Academy and on the Boards of Directors for FedEx, KeyW, and Huntington Bank. He is a Managing Director at Paladin Capital Group, is a member of the US Defense Science Board, leads the intelligence panel for US Strategic Command's Strategic Advisory Group, and is a commissioner on the Congressionally mandated U.S. Cyberspace Solarium Commission.

Wednesday
1:30 - 2:15 PM

Pen Testing Your Board Pitch: An Interactive Exercise
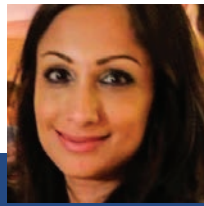
MUSSO SHAIKH
PROGRAM MANAGER, CYBER THREAT INTELLIGENCE, FANNIE MAE

Musso Shaikh is the Program Manager in Cyber Threat Intelligence at Fannie Mae where she is charged with implementing a cyber risk quantification program based on FAIR (Factor Analysis of Information Risk). She brings a seasoned perspective to her work that is grounded in extensive experience of translating risk scenarios into both qualitative and quantitative impact statements to support key business decision making. Prior to coming to Fannie Mae, Musso contracted at WorldCom, Ford Motor Company and Boeing in process improvement and technology audit initiatives.

Wednesday
2:45 - 3:30 PM

Case Study: Integrating Strategic Intelligence and FAIR

GREG BARNA
EXECUTIVE DIRECTOR, OPERATIONAL RISK
MANAGEMENT, DTCC

Greg Barna heads Operational Risk Management for the Systemically Important Financial Market Utilities (SIFMUS) at DTCC. He oversees a team that partners with DTCC's businesses and support functions to manage operational risk exposure, establishing protocols for identifying, reporting, escalating, and remediating operational risks. Prior to joining DTCC, Greg managed the Commodities Valuation and Risk Control team overseeing North American commodities trading businesses at Credit Suisse and was also an Energy Trader at Bank of America.

**Wednesday
2:45 - 3:30 PM**

Panel: Integrating Cyber Into ERM

Are your risk analysts Open FAIR™ Foundation Certified?

The Open Group Security Forum is the open, vendor-neutral standards body providing the Open FAIR standards, best practices, and certification programs that you need to make your risk management program a success.

™ The Open Group
Open Certified
Open FAIR™ Foundation

Open FAIR Body of Knowledge, the definitive, vendor-neutral reference for Open FAIR:
• Risk Analysis Standard
• Risk Taxonomy Standard

Open FAIR Implementation & Best Practice Guides:
• Open FAIR - STIX Guide
• Open FAIR - ISO 27005 Cookbook

Academic Program:
• Free license for academic use for members
• Discounted courseware, vouchers, publications
• Funded internship opportunities

Open FAIR Certification & Accreditation:
• Certification for risk analysts
• Trainer accreditation
• Licensable courseware for trainers
• Study guides & practice exams
• Commercial license for consultants and trainers

Open FAIR
Process Guide
&
Open FAIR
Analysis Tool

YAEL NAGLER
FMR. GLOBAL ENTERPRISE INFORMATION &
TECHNOLOGY RISK, BLACKROCK

Yael is passionate about helping companies establish a security culture and manage risks to improve their overall cyber risk posture. Having spent 20 years working in Fortune 10 Financial Services and Technology companies, she approaches security and information risk with business context and an awareness of the evolving landscape. She is trusted by C-Level executives to quickly understand the business drivers and deliver strategic and measurable outcomes based on current operational risks and aligned to company objectives.

**Wednesday
2:45 - 3:30 PM**

Panel: Integrating Cyber Into ERM

MICHAEL KENNEY
VP OF OPERATIONAL RISK, FREDDIE MAC

As Vice President of Operational Risk, Michael leads the first line of defense risk management for financial crimes, privacy and information security, business resiliency, vendor management and compliance with regulatory requirements. Mike and his team establishes the risk direction by aligning the Multifamily Governance Framework with the business operating model. He continually improves governance by understanding the multifaceted drivers that effect risk environment.

**Wednesday
2:45 - 3:30 PM**

Panel: Integrating Cyber Into ERM

We make this simple.

Simplifying Risk Measurement and Quantification

protiviti.com/FAIR

protiviti ®

Face the Future with Confidence

JEREMY ALEXANDER
SR. RISK EXPERT, WALMART

Jeremy is a seasoned professional with a broad range of experience in the technology, retail, and transportation sectors spanning information security, strategy, change management, executive customer finance support, financial planning and analysis, process improvement, actuarial analysis, risk management, merchandising, and pricing. He is Open FAIR certified and holds his B.S. and M.S. in mathematics from Henderson State University and the University of Arkansas, respectively.

Wednesday
3:45 - 4:45 PM

Case Study: Using FAIR to Take the Headache out of Considering Cyber Insurance for Your Business

TOM BAINE
SVP OF MARKETING, RISKRECON

Thomas Bain is Senior Vice President of Marketing for RiskRecon. He leads all Global Marketing initiatives for the company, including strategic go-to-market, analyst, market research, communications, digital marketing, demand generation, and partner marketing. Previous to RiskRecon, Bain was Vice President, Marketing with Morphisec, an Israel-based endpoint security company. He has held leading roles including Chief Marketing Officer with Centripetal Networks, and Vice President, Global Marketing CounterTack (now GoSecure). He's held Marketing positions withSecurity Innovation, Q1 Labs (an IBM company) and Application Security, Inc. (a Trustwave company).

**Wednesday
3:45 - 4:45 PM**

Managing Organizational and Third-party Risk in the Age of Digital Transformation: Practical Lessons and Data-influenced Considerations

WADE BAKER
CO-FOUNDER, CYENTIA INSTITUTE

Dr. Wade Baker is a Co-Founder of the Cyentia Institute, which focuses on improving cybersecurity knowledge and practice through data-driven research. He's also a professor in Virginia Tech's College of Business, teaching courses for the MBA and MS of IT programs. Prior to this, Wade held positions as the VP of Strategy at ThreatConnect and was the CTO of Security Solutions at Verizon, where he had the great privilege of leading Verizon's annual Data Breach Investigations Report (DBIR) for 8 years.

**Wednesday
3:45 - 4:45 PM**

Managing Organizational and Third-party Risk in the Age of Digital Transformation: Practical Lessons and Data-influenced Considerations
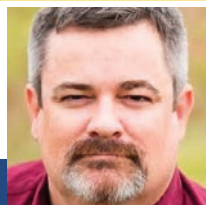
CHRIS GOLDEN
DIRECTOR OF INFORMATION SECURITY, HORIZON BLUE CROSS BLUE SHIELD OF NEW JERSEY

Chris Golden is currently the Director of Information Security for Horizon Blue Cross Blue Shield of New Jersey. He is responsible for both tactical and strategic decision making related to security policy, governance risk and compliance and third-party risk management. Prior to Horizon, he was the Director of Cybersecurity Strategic Planning for DTCC, the IT backbone to Wall Street. Chris retired from the United States Air Force as a Colonel after more than two decades of service to the country.

Wednesday
3:45 - 4:45 PM

Managing Organizational and Third-party Risk in the Age of Digital Transformation: Practical Lessons and Data-influenced Considerations

CONGRESSMAN JIM LANGEVIN
CO-CHAIR CONGRESSIONAL CYBERSECURITY CAUCUS

Congressman Jim Langevin is a senior member of the House Armed Services Committee, where he is the Chairman of the Intelligence and Emerging Threats and Capabilities Subcommittee, and of the House Committee on Homeland Security. A national leader on securing our nation's technology infrastructure against cyber threats, Langevin co-founded the Congressional Cybersecurity Caucus to increase awareness around the issue and co-chaired the Center for Strategic and International Studies (CSIS) Commission on Cyber Security for the 44th Presidency, which made policy recommendations to President Obama.

12:00 - 1:00 PM

The View from U.S. Congress

As co-chair of the bipartisan Congressional Career and Technical Education Caucus, Langevin advocates to improve and increase access to training that gives students and workers the skills that best fit the needs of expanding industries. He has successfully fought for strong CTE funding under the Carl D. Perkins Vocational and Technical Education Act and, in Rhode Island, has worked to foster employer-educator partnerships and career training programs across a variety of career fields.

A voice for those facing serious challenges, Langevin championed passage of a bipartisan bill to expand services for families caring for their elderly and disabled loved ones and authored a breakthrough law to protect foster youth. He is a strong advocate for inclusion and independence for people with disabilities, and helped pass the ADA Amendments Act that strengthened the protections of the Americans with Disabilities Act.

Langevin was inspired to enter public service by the tremendous outpouring of support he received during the most challenging time of his life, after a gun accident paralyzed him at age 16 and left him a quadriplegic. He is driven by a belief that everyone deserves a fair opportunity to make the most of their talents.

After serving as secretary for the state's Constitutional Convention in 1986, Langevin won election to the Rhode Island House of Representatives, and in 1994, became the nation's youngest Secretary of State. His leadership resulted in reforms to Rhode Island's outdated election system and a landmark report documenting widespread violations of the state's Open Meetings Law. He served in that role until winning election to Congress in 2000.

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