

<b>DIRECTOR AND CYBER EXPERT</b>	
<p><b>Profile and Value</b></p> <ul style="list-style-type: none"> <li>• Experienced senior professional with over 18 years leading cyber operations and information technology innovation</li> <li>• First / Primary faculty for Cybersecurity and Risk Management at American University</li> <li>• Leader of high-performing technical teams</li> <li>• Cybersecurity thought leader</li> <li>• Pioneer of new training courses and methodologies for public and academic sectors</li> <li>• Superior technical expert</li> <li>• Exemplar for public sector collaboration</li> <li>• Proven experience in establishing and fostering strategic partnerships</li> </ul>	<p><b>Expertise</b></p> <ul style="list-style-type: none"> <li>Cybersecurity strategy and risk management</li> <li>Public speaking and communications</li> <li>Change management</li> <li>Technology management</li> <li>Opportunity and risk forecasting</li> <li>Strategic analysis and information management</li> <li>Analytic and operational tradecraft</li> <li>Senior public sector leadership</li> <li>Information Assurance</li> <li>Cyberwarfare Plans and Operations</li> <li>Counterterrorism</li> </ul>

**Experience**

**National Security Agency**

2005 - 2009, 2013 - Present

Senior Signals Intelligence Officer/Director, Enterprise Discovery Operations - Texas

- Head of Joint military/civilian organization with over 100 members
- Created and implemented the Directorate of Operations Boards, Councils, and Working Groups structure for NSA field site Texas (NSAT)
- Co-Lead for the NSAT Directorate of Operations Innovation Council, leading multiple initiatives 2016 - 2018
- Authored the cyber training plan for use by the entire associate directorate, later used as a model for all training within the signals intelligence directorate
- Oversaw, defined, and implemented the SIGINT Development, Strategy, and Governance, Cyber Discovery Operation's support to the overall NSA mission, leading to enhanced collaboration and maximizing agency equities and resources
- Lead representative for all cyber issues for the SIGINT Development directorate, fostering relationships with internal NSA organizations and external government agencies to increase SSG's visibility, and participation in all cyber discovery efforts for the US Government
- Two forward deployments (TDY) to assist in Computer Network Operations related to Special Operations Forces, Multi National Forces – Iraq, Multi National Corps – Iraq objectives
- Ensured satisfactory delivery of data to customers inside and outside of the Data Acquisition enterprise and provided customer feedback to the Target Office of Primary Interest regarding the value of collected intelligence and operational success
- Assisted Information Assurance authorities with identifying, assessing and addressing cyber threat operations
- Performed as trainer/mentor to guide individuals through the Digital Network Intelligence Learning process to include tasking and generating network reconstruction, resulting in a drastic increase in mission related understanding
- Established an inter-agency support position in a forward environment to fulfill critical intelligence needs gaps
- First ever forward deployed Security Education Academic Liaison (SEAL) for Cyber Defense to the University of Texas (Austin), Co-SEAL for University of Texas San Antonio, and Co-SEAL for Our Lady of the Lake University

**American University – Kogod School of Business**  
Adjunct Faculty – Cybersecurity Risk Management

2014 - Present

- Created curriculum for ITEC 466 / ITEC 666 Cybersecurity Risk Management, the first permanent cyber-based course at American University
- Created in 2016 a separate curriculum for ITEC 666 Cybersecurity Risk Management, cyber-based online course for American University
- One of the highest rated professors in 2014, 2015, and 2017 at the Kogod School of Business

**United States Navy – Fleet Cyber Command / Command TENTH Fleet**  
Deputy Chief Fires (Offensive Cyber Operations)

2012 - 2013

- Created and organized knowledge management structure for the entire department, enhancing continuity
- Developed cyber operations training program for the department, incorporating cyber community partners and enhancing the departments overall knowledge, skill and ability
- Partnered with USCYBERCOMMAND in order to clearly define the USN Offensive Cyber Operations roles in CENTCOM support activities
- Collaborated with NSA on how to best align resources in support of CENTCOM for Offensive Cyber Operations
- Responded to congressional inquiries on cyber operations for USN, leading to positive responses from congressional members toward Navy's cyber activities

**Office of the National Counterintelligence Executive (ONCIX)**  
Team Chief Foreign Intelligence Cyber Operations

2010 - 2012

- Provided robust assessments of counterintelligence threats to US Government infrastructure and informed private sector partners of best practices
- Led ONCIX effort to determine Counterintelligence (CI) cyber risks to Secret / Top Secret USG networks which enhanced community engagement and understanding by combining disciplines from CI, Information Assurance (IA), and Computer Network Operations communities
- ONCIX primary planner to the National Level Exercise 2012, responsible for advocating for counterintelligence protections to the exercise, as well as integrating counterintelligence issues in the simulation parts of the exercise
- Engaged in effort to mitigate a counterintelligence concern between a US telecom and a Foreign Technology provider, leading to a positive outcome
- Created two national level projects that engage USG Departments on securing "classified" data, as well as establishing a framework for robust risk assessments of Non Title 50 USG networks

**Executive Office of the President of the United States**

2010

Director for Cybersecurity, National Security Staff (Temporary Duty Assignment)

- Worked on National Level strategies, engaging whole of government efforts, and private sector participation
- Produced National Security Staff memoranda for the President that conveyed information about public/private sector supply chain concerns; Deputy National Security Advisor delivered positive feedback
- Provided the Special Assistant to the President and Cybersecurity Coordinator with daily and weekly situation updates on cyber issues of interest to his office which affected daily decisions regarding industry partners, representatives, and outreach initiatives]]

**Chiron Technology Services, INC.**  
Senior Analyst

2009 - 2010

- Entrusted with cross Information Assurance Directorate / Signals Intelligence Directorate project to work with NSA's premier Computer Network Exploitation organization in order to enhance analytic ability and find potential gaps in processes for Computer Network Defense operations

- Responsible for leading a project to automate analysis for alert and warning indicators of malicious activity on Government classified networks, using a blend of Government and commercial software to achieve the goal
- Participated in business development activities that assisted the company with moving into new markets

### Early Career

*Network Administrator, Essilor of America / Intelitech Computer Solutions, Dallas TX* 2003 - 2005  
*Jr. Network Engineer, Rutgers University, New Brunswick NJ* 2000 - 2003

### Education and Training

*Masters of Engineering: Electrical Engineering*  
*Cyber Warfare Graduate Certificate*  
*Cyber Security Fundamentals Graduate Certificate*  
 Naval Postgraduate School 2018

*Master of Arts, Diplomacy, focus on Terrorism* 2008  
 Norwich University

*Bachelor of Arts, Political Science, minor in Communications* 2003  
 Rutgers, The State University of New Jersey

### Certifications

Global Security Leadership - Global Information Assurance Certification 2012  
 NSA Certification, National Cryptologic School Adjunct Faculty 2008 - 2009  
 NSA Certification, TAO Requirements & Targeting Certified Analyst 2008

### Publications

*Report to Congress on Foreign Economic Collection and Industrial Espionage, 2009-2011, ONCIX* 2011 (contributor)

### Awards and Honors:

National Intelligence Certificate of Distinction – Office of the Director National Intelligence 2009  
 Secretary of Defense Global War on Terrorism Civilian Service Medal 2011  
 Citations from various Intelligence Community components (11) 2007 - 2017  
 Managers Team Award -NSA 2016 (2)  
 Department of the Navy Performance Award 2012  
 Deployment Achievement Award – NSA 2008  
 Letter of Appreciation - NSA 2013  
 Letter of Appreciation - CIA 2007  
 Deployment Readiness Award- NSA 2007  
 Joint Meritorious Unit Award – NSA 2007  
 NSA Special Achievement Award 2006, 2018  
 NSA Performance Awards 2005, 2006 (2), 2013, 2014 (2), 2015 (4) 2016  
 Annual Performance Bonus – NSA 2013, 2015, 2016, 2017  
 Cost Savings and Productivity Award – NSA 2016

### Security Clearance

Top Secret / SCI with Full Scope Polygraph