

Thomas Scott Hyslip
Assistant Professor of Instruction
Department of Criminology
University of South Florida
4202 East Fowler Ave, SOC 107
Tampa, FL 33620
Mobile: (919) 274-4526
Email: thyslip@usf.edu

Education

2016 Graduate Certificate, Strategic Studies, Air War College, US Air Force

2014 Doctor of Science, Capitol College, Information Assurance, Dissertation:
“Proactive Botnet Detection through Characterization of Distributed Denial of
Service Attacks”

2009 Master of Science, East Carolina University, Technology Systems with
concentration in Information Assurance

2006 Graduate Certificate, National Defense University, Information Assurance

1993 Bachelor of Science, Clarkson University, Mechanical Engineering

Academic Experience

2020-Present **University of South Florida**
Assistant Professor of Instruction, Department of Criminology

2014 - 2020 **Norwich University**
Associate Program Director, Master of Science in Cybersecurity (2019-2020)
Adjunct Professor, Master of Science in Cybersecurity (2014-2020)

2018- 2020 **Michigan State University**
Assistant Professor (Fixed Term), School of Criminal Justice

2012 - 2016 **Wake Technical Community College**
Adjunct Instructor, Cybersecurity Program

2009 - 2016 **Uniformed Services University of the Health Sciences**
Assistant Professor, F. Edward Hébert School of Medicine

Professional Experience

2007- 2020 **U.S. Department of Defense, Defense Criminal Investigative Service (DCIS)**
Resident Agent in Charge, Cyber Field Office (2012-2020)
Computer Crimes Coordinator, Southeast Field Office (2008-2012)
Special Agent, Southeast Field Office (2007-2008)

- 2001 – 2007 **U.S. EPA, Criminal Investigation Division**
Special Agent/Team Leader, National Computer Center (2002-2007)
Special Agent, Wheeling Resident Office (2001-2002)
- 1998 – 2001 **U.S. Secret Service**
Special Agent

Military Experience

- 2018 - 2019 Colonel, Military Historian, U.S. Army Center for Military History
- 2016 – 2018 Colonel, Environmental Engineer, Office of the Surgeon General, Falls Church, VA
- 2009 - 2016 Lieutenant Colonel, Assistant Professor, Uniformed Services University of the Health Sciences, F. Edward Hébert School of Medicine, Bethesda, MD
- 2007 – 2009 Major, IG Representative, Department of Defense, Office of Inspector General, Arlington, VA
- 2006 – 2007 Major, Detachment Commander, U.S. Army Reserve Cyber Operations Group, Moon Township, PA
- 2005 – 2006 Major (Active Duty), U.S. Army, S6 and Officer in Charge of Preventive Medicine, 306th Military Police Battalion, Iraq
- 2001 – 2005 Captain, Team Leader, U.S. Army Reserve Cyber Operations Group, Moon Township, PA
- 1997 – 1998 Captain (Active Duty), Chief of Industrial Hygiene, U.S. Army Industrial Operations Command, Rock Island Arsenal, IL
- 1995 – 1997 First Lieutenant (Active Duty), Commander, Headquarters Company, U.S. Army Environmental Hygiene Agency, APG, MD
- 1993 – 1995 Second Lieutenant (Active Duty), Environmental Engineer, U.S. Army Environmental Hygiene Agency, APG, MD

Peer Reviewed Articles

- Under review **Hyslip, T., & Holt, T.** “Assessing the Correlates of Job Stress and Satisfaction Among Federal Law Enforcement Officers.”
- October 2019 **Hyslip, T., & Holt, T.** “Examining the Correlates of Failed DRDoS Attacks.” *Journal of Digital Forensic, Security and Law*, 14(2),1-12.
- May 2019 **Hyslip, T., & Holt, T.** “Assessing the Capacity of DRDoS-For-Hire Services in Cybercrime Markets.” *Deviant Behavior*, 40(12), 1-17.

- October 2018 **Hyslip, T.**, Lancelot, J, & Pelletier, R. “Department of Homeland Security Declares U.S. Election System Critical Infrastructure.” *PA Times, American Society for Public Administration*, 4(3), 64-65.
- August 2018 **Hyslip, T.**, & Holt, T. “Defining the Profiles of Potential Cyber Criminals.” *Homeland Defense and Security Journal*, 5(2),24-29.
- October 2017 Horner, M., & **Hyslip, T.** “SQL Injection: The Longest Running Sequel in Programming History.” *Journal of Digital Forensic, Security and Law*. 12(2), 97-108.
- January 2016 Holt, T., & **Hyslip, T.** “Combating Crime On-Line.” *ACJS Today, Academy of Criminal Justice Sciences*, 61(1), 32-36.
- April 2014 **Hyslip, T.**, & Pittman, J. “A Survey of Botnet Detection Techniques by Command and Control Infrastructure.” *Journal of Digital Forensic, Security and Law*. 10(1), 7-26.

Books, Chapters, & Edited Works

- 2023 **Hyslip, Thomas** & Burruss, George. “Ransomware” in *The Handbook on Crime and Technology*. James Byrne and Don Hummer, eds. Northampton: Edward Elgar.
- 2020 **Hyslip, Thomas**. “Cybercrime as-a-service operations.” in *The Palgrave Handbook of International Cybercrime and Cyberdeviance*, Thomas J. Holt and Adam Bossler, eds. New York: Palgrave MacMillan. https://doi.org/10.1007/978-3-319-78440-3_36
- 2019 Pelletier, Rosemarie, Powers, Bill, and **Hyslip, Thomas**, Editors. *Issues in Public Policy 2019*. Northfield, VT: Norwich University Applied Research Institutes.
- 2019 **Hyslip, Thomas**, Pelletier, Rosemarie, and Silowash, George, Editors. *2017 Annual Report of Top Cyber Security Incidents*. Northfield, VT: Norwich University Applied Research Institutes.
- 2019 **Hyslip, Thomas**, Pelletier, Rosemarie, and Silowash, George, Editors. *2016 Annual Report of Top Cyber Security Incidents*. Northfield, VT: Norwich University Applied Research Institutes.
- 2017 **Hyslip, Thomas**. *Cut the Cord: TV without Cable or Satellite: Guide to Free Over the Air Television and Internet Streaming*. Charleston, SC: Createspace
- 2016 **Hyslip, Thomas**. *Bit Wars: Hacking Report, Top Hacks and Attacks of 2015*. Charleston, SC: Createspace
- 2015 **Hyslip, Thomas**. *Bit Wars: Cybercrime, Hacking, Information Warfare*. Charleston, SC: Createspace

2015 **Hyslip, Thomas.** *Bit Wars: Hacking Report, Top Hacks and Attacks of 2014.* Charleston, SC: Createspace

Grants

2022 **Hyslip, Thomas** (PI), Burruss, George (Co-PI). "Cybercrime Investigation Training for Florida Law Enforcement Officers." (\$151,254). Florida Center for Cybersecurity

Invited Colloquia

2022 **Hyslip, Thomas;** Holt, Thomas. "Assessing the Correlates of Job Stress and Satisfaction Among Federal Law Enforcement Officers." American Society of Criminology 2022 Conference, Stress/Burnout and Satisfaction Among Police Officer. Atlanta, GA.

2022 **Hyslip, Thomas;** Burruss, George, Lee, Jin. "Correlates of DDoS Attack Targets and Hackers Locations." American Society of Criminology 2022 Conference, The Future is Cyber(crime): Findings from the Cybercrime Interdisciplinary Behavior Research (CIBR) Laboratory at USF. Atlanta, GA.

2022 **Hyslip, Thomas;** Fissel, Erica; Lee, Jin; Liebes, Cindy; Dennis, Nicole. "Roundtable: Cybercrime Misbeliefs and Misperceptions." American Society of Criminology 2022 Conference, Atlanta, GA.

2021 **Hyslip, Thomas;** Smirnova, Olga; Holt, Thomas. "2. Correlates of DDoS Attack Targets and Hackers Locations." American Society of Criminology 2021 Conference, Science and Evidenced-Based Policy in a Fractured Era." Chicago, IL.

2019 **Hyslip, Thomas;** Cappelli, Dawn; Martin, Tyson; Anderson, Nicholas. "CISO Roundtable." Moderator at Norwich University Cyber Security Summit. Northfield, VT.

2019 **Hyslip, Thomas.** "Law Enforcement Roundtable." Panelist and Moderator at Michigan State University, Interdisciplinary Conference on Cybercrime, East Lansing, MI.

2018 **Hyslip, Thomas.** "Critical Infrastructure Protection and Distributed Denial of Service Attacks." Presented at Norwich University Cyber Security Summit. Northfield, VT.

2018 **Hyslip, Thomas.** "Challenges and Innovation of International Cybercrime Investigations." Presented at Michigan State University, Interdisciplinary Conference on Cybercrime, East Lansing, MI.

2017 **Hyslip, Thomas,** & Holt, Thomas. "Assessing the capacities of DDoS-For-Hire Services in Cybercrime Markets." The Human Factor in Cybercrime and

Cybersecurity (Panel). 73rd Annual Meeting, the American Society of Criminology, Philadelphia, PA.

- 2017 **Hyslip, Thomas**, “Who uses a Stresser? A survey of customers. Why and what do they attack.” ISSA, Infoseccon 2017, Raleigh, NC.
- 2017 **Hyslip, Thomas**. “A Survey of Stresser Users. The new Script Kiddies?” Presented at Michigan State University, Interdisciplinary Conference on Cybercrime, East Lansing, MI.
- 2016 **Hyslip, Thomas**, and Holt, Thomas, J. “Cybercrime as a Service.” Presented at Michigan State University, Interdisciplinary Conference on Cybercrime, East Lansing, MI.

Other Presentations

- 2022 **Hyslip, Thomas**. “Cybersecurity and Teleworking” Keynote address. TIAA Cybersecurity month, Charlotte, NC
- 2016 **Hyslip, Thomas**, & Ahearn, Pete. “Cybercrime.” Association of Information Technology Professionals, Raleigh, NC
- 2014 **Hyslip, Thomas**. “You will be hacked.” Presented at Durham Chamber of Commerce, Durham, NC
- 2012 **Hyslip, Thomas**. “Working with Law Enforcement on Computer Intrusions.” Association of Information Technology Professionals, Raleigh, NC
- 2010 **Hyslip, Thomas**. “Proactive Law Enforcement.” InfraGard, Eastern Carolina Chapter, Durham, NC
- 2008 **Hyslip, Thomas**. “Keynote Address.” North Carolina Computer Instructor Association, Albemarle, NC

Courses Taught

- Graduate
- Foundations and Historical Underpinnings of Information Assurance (Norwich University)
 - Cyber Diplomacy (Norwich University)
 - Human Factors and Managing Risk (Norwich University)
 - Information Assurance Technology (Norwich University)
 - Cybercrime (Norwich University)
 - Critical Infrastructure Protection (Norwich University)
 - Cyber Diplomacy (Norwich University)
 - Environmental Health Risk Assessment (USUHS)
 - Introduction to Environmental Health (USUHS)
 - Profiling Cybercrime (USF)
 - Cybercrime Capstone (USF)
 - Homeland Security for a Networked World (USF)

Digital Forensic Criminal Investigations (USF)
Cybercrime and Criminal Justice (USF)
Cybercrime Law and Policy (USF)
Digital Evidence Recognition and Collection (USF)
Network Forensics (USF)

Undergraduate Security Concepts (WTCC)
Security Administration (WTCC)
Secure Communications (WTCC)
Intrusion Detection (WTCC)
Defense in Depth (WTCC)
Topics in Cybersecurity (MSU)

Courses Developed

Graduate Cybercrime and Criminal Justice (USF)
Digital Evidence Recognition and Collection (USF)
Network Forensics (USF)
Cybercrime Capstone (USF)
Homeland Security in a Networked World (USF)
Cybercrime (Norwich University)
Critical Infrastructure Protection (Norwich University)
Information Assurance Management and Analytics (Norwich University)
Environmental Health Risk Assessment (USUHS)

Undergraduate Security Administration (WTCC)
Secure Communications (WTCC)
Intrusion Detection (WTCC)

Service

Reviewer for the Journals:

Journal of Digital Forensic, Security and Law
International Journal of Cyber Criminology
Policing: An International Journal

Profession:

President, Chapter 11, Federal Law Enforcement Officers Association
Subject Matter Expert for Homeland Defense and Security Information Analysis Center
Advisory Board Member, Norwich University, Master of Science Cybersecurity
Board Member, Crime Stoppers of York County

Community:

Member, Town of Wake Forest Technology Advisory Board
Secretary, Heritage II Homeowners Association
Founder/Curator, Mobile Museum of Vintage Technology, 501c3 non-profit
Founder, National Association of Cybercrime Investigators, 501c3 non-profit

Interviewed for:

Chicago Tribune
WFLA (Tampa, FL)
Red Table Talk
Spectrum National News

Awards and Certifications

- Outstanding Faculty Award, Norwich University, 2016, 2018
- Distinguished Honor Graduate, Federal Law Enforcement Training Center, Criminal Investigator Training Program, 1998
- Distinguished Fitness Award, Special Agent Training Class, US Secret Service Academy, 1998
- Excellence in Response Award, Sept 11, 2001 Terrorist Attack, US EPA, 2001
- Legion of Merit
- Bronze Star
- Purple Heart
- Meritorious Service Medal
- Certified Information Systems Security Professional (CISSP)
- Certified Ethical Hacker (CEH)
- National Security Agency, Certified Information Security Assessment Methodology
- Seized Computer and Evidence Recovery Specialist (SCERS), DHS, FLETC
- Electronic Crimes Special Agent Program (ECSAP), US Secret Service
- Basic and Advanced Data Recovery and Analysis, National White-Collar Crime Ctr
- MSAB, XRY Mobile Forensics Basic and Intermediate Certification
- Magnet AXIOM Examinations
- Magnet AXIOM Advanced Mobile Forensics

Professional Membership

American Society of Criminology
Infragard
IEEE Computer Society
Information System Security Association (ISSA)
Federal Law Enforcement Officers Association
Military Cyber Professionals Association