

Stephen P. Gary
“Scuba”

Associate Professor of Instruction
University of South Florida
College of Arts & Sciences
School of Information
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EDUCATION

Doctor of Philosophy, Curriculum and Instruction (GPA 3.98) – 2021
University of South Florida, Tampa, FL

Master of Science, Cyber Operations (GPA 3.89) – 2010

Air Force Institute of Technology, Wright-Patterson AFB, OH
Information Assurance Scholar at NSA/DHS Center of Academic Excellence-Research
Thesis (CLASSIFIED): “Emerging Cyber Technologies” (NSA-sponsored)

Graduate Coursework, Computer Information Systems and Security (GPA 4.0) – 2006-2008
Our Lady of the Lake University, San Antonio, TX
Information Assurance Scholar at NSA/DHS Center of Academic Excellence

Bachelor of Science, Liberal Arts (GPA 3.42) – 2000
Regents College, Albany, NY

Associate in Applied Sciences, Communications – 1999
Community College of the Air Force, Air University

Associate in Applied Sciences, Electrical and Mechanical – 1996
Community College of the Air Force, Air University

PROFESSIONAL CREDENTIALS

Certified Information Systems Security Professional (ISC²) – 2016-present
Industry gold-standard certification for Cybersecurity

Security+® certification (CompTIA®) – 2007
Entry-level certification for Cybersecurity

ACADEMIC WORK EXPERIENCE

Associate Professor of Instruction (Instructor II)

August 2014-Present

University of South Florida, College of Arts & Sciences, School of Information
Tampa, FL

- Developed and teaches Cyber Intelligence, Advanced Cyber Intelligence, and Open Source Intelligence (OSINT) courses for the Master of Science in Intelligence Studies (MSIS) and the Master of Science in Cybersecurity Intelligence and Information Security (MSCIIS) degree programs and Cyber Intelligence graduate certificate.
- Developed and taught an undergraduate version of the OSINT course.
- Coordinates Practicum (Supervised Field Work) for all MSCIIS and MSIS students.
- Manages MSIS Capstone (Independent Study) course and Exit Requirements as well as MSCIIS Exit Requirements.
- Developed and teaches Veterans’ Cybersecurity and Intelligence Seminar.
- Mentors and supervises Graduate Assistants.

- Supports academic and grant initiatives with Cyber Florida (Florida's Center for Cybersecurity).
- Researches cyber intelligence, open source intelligence, and teaching cybersecurity.
- Participates on Instructor search and promotion committees.
- Department representative for Center for Innovative Teaching and Learning (CITL).
- Assisted in creating Security Operations Center Analyst Program (SOCAP) course for Cyber Florida. The SOCAP course taught veterans transitioning out of the military the fundamentals of being a SOC Analyst in the "New Skills for a New Fight" program sponsored by JP Morgan Chase and hosted at Cyber Florida.
- Assisted in development of Cyber War Game (Tabletop Exercise) for C-Suite leadership in the event of a cyberattack in Florida.
- Hosted IBM QRadar course on campus.
- Taught Strategy and Threat courses at SecureSet Academy.
- Developed cybersecurity certification curriculum for International Information System Security Certification Consortium (ISC)².
- Created mini cybersecurity courses on Intelligence and the Diamond Model for the International Information System Security Certification Consortium (ISC)².
- Hosted Technology Day on MacDill AFB.
- Led development of Virtual Cyber Intelligence Lab (VCIL) with five scenarios.
- Assisted in developing Mock Security Operations Center (SOC) at Cyber Florida.
- University Representative for Intelligence Community Center of Academic Excellence (IC-CAE), led by the Office of the Director of National Intelligence.

Adjunct Instructor

June 2010-Present

Joint Special Operations University

Tampa, FL

- Teaches modules on Information Operations Intelligence Integration and Cyber Intelligence, to include Cyber Terrorism.

PUBLICATIONS

Gary, S. (2021). Internship and Job Acquisition Experiences of Veterans in a Graduate Cybersecurity Degree Program. ProQuest. (Dissertation)

Gary, S. & Borum R. (2017). US national cybersecurity: International politics, concepts, and organization. In D. Van Puyvelde & A. F. Brantly (Eds.), *Evolving cyber intelligence*. (pp. 123-139). New York, NY: Routledge. (Book Chapter)

Gary, S. (2010). A Software Security Checklist for the Requirements Phase of the Software Development Life Cycle. *Air University Journal*. (Article) Received Blue Dart Award.

GRANTS AWARDED

Co-Investigator (2021-present) on the project: "DoD Cybersecurity Scholarship Program" funded by the National Security Agency (NSA).

Co-Investigator (2018-2021) on the project: "DoD Cyber P3 Scholarship Program 2018" funded by the National Security Agency (NSA). Grant Amount: \$348,665. The purpose of USF's DoD Cyber P3 Scholarship Program 2018 was to fund Cybersecurity and Cyber Intelligence Education for military reservists selected through a competitive process. Funds were used to

provide scholarships that covered the cost of tuition, fees, and books for eleven Cyber P3 Scholars.

Co-Investigator (2016-2018) on the project: "Developing Full Spectrum Cybersecurity Intelligence Training Capabilities for the US Army Reserve" funded by the National Security Agency (NSA)/ U.S. Army Reserve. Grant Amount: \$760,349. The primary aims of the project are to create a Common Body of Knowledge (CBK) for Cyber Intelligence, develop a Virtual Cyber Intelligence Lab (VCIL) Mock Security Operations Center (SOC), and SOC Analyst course to enhance practical cybersecurity training in the university curriculum, and provide graduate scholarships for select Army Reservists.

- My efforts for Grant:

- o **Subject Matter Expert**, created Virtual Cyber Intelligence Lab (VCIL)
- o **Subject Matter Expert**, supported development of Mock SOC
- o **Subject Matter Expert**, assisted developing SOC Analyst Course Curriculum.

GRANT PROPOSALS

Subject Matter Expert, Army SBIR Live, Virtual, and Constructive (LVC) simulation systems, "Cyber Battlefield Operating System Simulation Tools for LVC Simulations"

Subject Matter Expert, AFRL STTR Cyber Resilience Training, "Training for Resilient System Design"

Subject Matter Expert, Air Force SBIR "Transforming Cyber Data into Human-Centered Visualizations"

Subject Matter Expert, IARPA SCITE and CAUSE; SOCOM SWMS and RFP

CIVILIAN AWARDS

Achievement Award Nomination, Intelligence National Security Alliance (INSA) 2020
Order of Thor Medal, Military Cyber Professionals Association (MCPA) 2016

CYBERSECURITY COMPETITIONS

Faculty Advisor, Centers of Academic Excellence NSA Cyber Exercise (CAE-NCX) 2022 (2nd)
Faculty Advisor, National Cyber Analyst Challenge (NCAC) 2018 (Participant)
Faculty Advisor, National Cyber Analyst Challenge (NCAC) 2016 (Finalist)

PROFESSIONAL ASSOCIATIONS

Military Cyber Professionals Association (MCPA) – Tampa Chapter President
The Cybersecurity Guild (now The Neon Temple) – Founding Member
International Information System Security Certification Consortium (ISC)² – Member
International Association For Intelligence Education (IAFIE) – Member
Armed Forces Communications and Electronics Association (AFCEA) – Member
Tampa Bay Technology Leadership Association (TBTLA) – Member
Intelligence National Security Alliance (INSA) – Member
InfraGard – Member
Association of Former Intelligence Officers (AFIO)
Help Desk International (HDI)
IAPP Central FL KnowledgeNet
Information Systems Audit and Association (ISACA)
National Defense Industrial Association (NDIA)

Open Web Application Security Project (OWASP)
TampaBayTech
Women in Defense (WID)
Women in Technology International (WITI)

CONFERENCES PRESENTED AT*/ATTENDED

*American Political Science Association (APSA)
*Armed Forces Communications and Electronics Association (AFCEA) Tech Expo/Forum x4
Black Hat Conference/Expo
BSides Tampa x3
Canadian Intelligence Conference (CANIC)
CARVERCON
Cyber Florida, formerly Florida Center for Cybersecurity (FC²), Conference x5
DEFCON Conference/Expo x5
Cyber Security Summit x2
*Digital Hands Annual Conference
Global Powers Competition x2
*Help Desk International (HDI) Conference
Information Systems Audit and Control Association (ISACA) Conference
*Information Systems Security Association (ISSA) Conference x2
*InfraGard Conference x4
*Intelligence Advanced Research Projects Activity (IARPA) Proposer's Day Conference x2
Intelligence Community Centers of Academic Excellence (ICCAE) Principal Investigators x2
Development Summit x2
International Association For Intelligence Education (IAFIE) x2
*International Information System Security Certification Consortium (ISC)² Conference x2
National Defense Industrial Association (NDIA) Conference/Expo
*National Initiative for Cybersecurity Education (NICE) Conference/Expo x 2 (presented
"Internship (and Transition) Experiences of Veterans in a Cybersecurity Degree Program")
National Institute of Standards and Technology (NIST) Framework Workshop/Conference
*Nonprofit Appreciation Day Conference
Open Web Application Security Project (OWASP) Conference
*SOFWERX Cyber Conference/Expo
SOFWERX Cyber Electro-Magnetic Activities (CEMA) Conference
SOFWERX Military Application of Cyber Effects and PizzaKechu Presentations
*SOFWERX ThunderDrone Tech Expo
*SOFWERX Special Operations Forces Conference (SOFCON)
*Southeast Analyst Roundtable (SEAR)
*Special Operations Forces Industry Conference (SOFIC)/Expo x2
*Special Operations Forces Industry Conference (SOFIC) Hackathon (Led Hackathon)
Tampa Bay Technology Leadership Association (TBTLA) Conference x2
Tampa Cybersecurity Conference
*UTEP Annual National Security Studies Institute (NSSI) National Security Colloquium,
Program in National and Competitive Intelligence, "Cyber Threats to the U.S. Government and
Private Sectors" (presented "Evolving Cyber Intelligence" book chapter)
*Women in Defense (WID)