# FLORIDA CYBERSECURITY TASK FORCE MEETING

Friday, January 17, 2020, 10:00am – 12:00pm CST  
Escambia County Commission Chambers  
221 Palafox Place, Pensacola, Florida 32502  

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Date & Time:
January 17, 2020
10:00 – 12:30 PM CST

Location:
Escambia County Commission Chambers
221 Palafox Place
Pensacola, Florida 32502

I. Call to Order

II. Roll Call

III. Opening Business

IV. Approval of Minutes

V. Welcome
   Martha Saunders, Ph.D., President of the University of West Florida

VI. Presentation: Cybersecurity and Infrastructure Security Agency (CISA) Overview
   Matthew Travis, Deputy Director of the Cybersecurity and Infrastructure Security Agency

VII. Panel Discussion: Cybersecurity Industry Resilience in Florida
   Bill Dunn, Networks of Florida and President of Metova CyberCENTS
   Harry Huelsbeck, Cyber Information Assurance Manager for Northrop Grumman
   Jonathan Arneault, Director of North America SaaS, Center of Excellence, IBM
   Stephen Sarty, Operations Manager, Raytheon Company

VIII. Presentation: Cybersecurity and Workforce Education
   Dr. Eman El-Sheikh, Director of the University of West Florida Center for Cybersecurity

IX. Presentation: Cyber Florida
   Sri Sridharan, Director of Cyber Florida: The Florida Center for Cybersecurity

X. Group Discussion

XI. Public Testimony

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Presenter Biographies

Dr. Martha Saunders
President
University of West Florida

In her 30-plus years in higher education, Dr. Saunders has served in academic and leadership roles at universities in Florida, Georgia, Wisconsin and Mississippi. Her area of academic expertise is in public relations and crisis communication for which she has won numerous awards, including two coveted Silver Anvils from the Public Relations Society of America.

She led UWF to its status as a top-performing public university in the Florida Board of Governors performance-based funding metrics for three consecutive years. The University also ranked among the top 15 public regional institutions in the South in the 2020 U.S. News & World Report Best Colleges and was named a “Great College to Work For” by ModernThink and featured in The Chronicle of Higher Education.

She established the state’s first doctoral program in intelligent systems and robotics in partnership with the Florida Institute of Human Machine Cognition. She also oversaw the development of Florida’s first bachelor’s in cybersecurity degree program designated as a National Center of Academic Excellence by the National Security Agency and U.S. Department of Homeland Security.

As provost and executive vice president for UWF, Dr. Saunders established the Division of Student Affairs and Academic Engagement and the Center for Cybersecurity. Equity and diversity initiatives launched under her guidance propelled the institution to receive the Higher Education Excellence in Diversity Award from INSIGHT Into Diversity magazine four times. She also led the reorganization of the institution’s colleges and guided the establishment of two new named colleges—the Usha Kundu, MD College of Health and the Hal Marcus College of Science and Engineering.

Dr. Saunders’ vision is for UWF to grow beyond its beginnings as a regional comprehensive university and receive recognition as a leader in innovation and cutting-edge academic programs.

As an entrepreneurial leader, Dr. Saunders is passionate about creating innovative solutions for the dynamic challenges facing higher education. As a change maker, she drives action behind these solutions, propelling higher education into the future.

Dr. Saunders earned a bachelor’s degree in French from the University of Southern Mississippi, a master’s degree in journalism from the University of Georgia and a doctorate in communication theory and research from Florida State University.

When Dr. Saunders is not attending to University needs, she and her husband, Joe Bailey, can be found walking, shelling, gardening, kayaking or fishing on her beloved Pensacola Beach.
Matthew Travis serves as the first Deputy Director for the Department of Homeland Security’s Cybersecurity and Infrastructure Security Agency (CISA). Mr. Travis served as Deputy Under Secretary for the National Protection and Programs Directorate (NPPD) before the agency became CISA on November 16, 2018. As Deputy Director, he supports the CISA Director in overseeing the Cybersecurity Division, the Infrastructure Security Division, the National Risk Management Center, and the Emergency Communications Division. His operational support responsibilities are to ensure a holistic approach to critical infrastructure protection across physical and cyber risks activities.

Prior to joining CISA in March 2018, Mr. Travis served as vice president of homeland security for Cadmus, a security and resiliency professional services firm supporting clients throughout the homeland security enterprise. In 2010, he co-founded Obsidian Analysis, Inc., a homeland security consultancy. Obsidian was acquired by Cadmus in 2016. In both companies, Mr. Travis served as a senior facilitator of national preparedness exercises in support of FEMA and the National Exercise Program. He also directed all program support for National Level Exercise 2012, the first national cybersecurity exercise.

Previously, Mr. Travis served as president of the information security company Detica, Inc. and, before that, vice president at DFI International, where he was instrumental in creating the homeland security practice that supported CISA and its Office for Bombing Prevention.

From 1991 to 1998, Mr. Travis served as an officer in the U.S. Navy. He initially served aboard the guided-missile frigate U.S.S. CARR (FFG 52) as the Engineering Auxiliaries Officer. Aboard CARR, he also served as maritime interdiction boarding officer in the Northern Red Sea following Operation DESERT STORM. Mr. Travis then served a tour as White House Liaison to the Secretary of the Navy and was also a White House Military Aide.

Mr. Travis is originally from Terre Haute, Indiana. He is a 1991 graduate of the University of Notre Dame and holds a master’s in National Security Studies from Georgetown University.
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William “Bill” Dunn
President
Metova CyberCENTS

Bill Dunn is a business owner, senior business executive, and retired Naval Officer with over 36 years of leadership experience. His diverse experience includes 24 years as a Naval Cryptologist and Cyber Warfare Officer and over twelve years within the commercial industry serving in multiple leadership and technology roles as a defense contractor and business owner.

In 2015 Bill acquired Networks of Florida, a Florida based IT firm, that has been providing commercial IT services to the Gulf Coast Region since 1986. Since acquisition Networks of Florida has expanded its reach to include clientele from Boston, MA to South Florida. Bill served as President of Metova CyberCENTS®, a By Light Company, performing cyber services and the production of the Cyber Enhanced Network Training Simulators (CENTS®) for the Department of Defense, State, Federal and Commercial entities. The CENTS product line was the innovation that started the Cyber Range expansion in both Defense and Commercial spaces and is a key instrument in providing work force development, product testing and acceptance, team exercises and cyber training.

In his previous positions, Bill was the Vice President and General Manager for Cyber, Camber Corp, where he managed all cyber contracts and profit and loss centers supporting U.S. Cyber Command, Navy Cyber, Air Force Cyber, Office of the Secretary of Defense and U.S. Strategic Command. Prior to this role, Bill served as the Vice President for the division of Airbus North America providing technology services to the defense communities. It was during this assignment he was responsible for, the implementation of the first ever Cyber Range, the Joint Cyber Operations Range.

Bill currently serves as a member of the UWF Center for Cyber Security Advisory Board. He received a Bachelor of Science degree in Computer Networking/Architecture from Strayer University and holds a Master of Science in Management from Colorado State University.
Harry Huelsbeck, Manager Cyber Information Assurance, Northrop Grumman – Defense Systems, is a Cybersecurity professional with over 25 years of experience in federal missions and systems. From working on the flight deck as an F-14 Plane Captain (Crew Chief) and Photographers Mate in the U.S. Navy, and then on to service as a federal contractor in the roles of System Administrator and Cybersecurity Analyst. For the last 15 years he has led Cybersecurity teams accrediting federal systems for authorization to operate, as well as a Cybersecurity analyst in defense of federal systems. Cybersecurity is a team sport, and Harry holds great value in the people he is privileged to have on his team and strives to keep them engaged and prepared for the ever-evolving Cyber threats we face.

Harry is also a Pensacola, FL native that believes Pensacola and Florida as a whole, have the education, talent pipeline, and opportunities that bring together not only a solution for current Cyber needs, but in supporting the future growth as a region to be known as the Cyber Coast.
Jonathan Arneault
Director of North America SaaS, Center of Excellence, and Go To Market transformation
IBM

Jonathan Arneault is the Director of North America SaaS, Center of Excellence, and Go To Market transformation at IBM. Nicknamed “the Wizard of Oz” by his teams, Jonathan thrives on making “almost magic”; creating great change and growth.

Jonathan’s prior IBM roles include serving as the SaaS Executive for Watson Customer Engagement division, the IBM Industry Solutions World Wide M&A Executive, and as the North America Sales Executive for the IBM CEEMEA region (Central Eastern Europe, Middle East, and Africa) and as the Worldwide Business Unit Executive for WebSphere Business Process Management and Integration. During these roles Jonathan has been a key leader for IBM’s Payment Initiatives, including solutions for ACH, SEPA, FedWire, CHIPS, and IBM Payment Solutions offerings. Throughout them, he’s served on IBM’s global product council, a key executive on the Worldwide Cloud Leadership team, and as the executive sponsor or leader in multiple strategic initiatives.

Mr. Arneault also serves as a Director of the Lucas Scholarship Foundation, aiding youth in Sub-Saharan Africa to pursue education as Medical Doctors in their native countries. He is also a Director of the Barnabas Trust, a charitable foundation providing assistance and direct aid to non-political NGOs. He is also an advisor to multiple emerging technology companies. Jonathan was a Presidential Appointee to the US Selective Service System board and served as Vice-President of the Board for a regional utility company, as well as several other non-profit organizations.

Jonathan’s distinguished 20+ year career in technology includes senior management and executive positions at Netscape, America Online, Sun Microsystems, Mercator Software, Ascential Software, and IBM. He has been a key leader and executive in the successful transition through the acquisition of five companies he’s worked for, as well as leading the assessment and integration of fourteen IBM acquisitions. He came to IBM through their purchase of Ascential Software in 2005 and has held key leadership roles in IBM ever since. A native of New York, Jonathan now lives in Pensacola Beach, Florida with his wife and four children.
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Stephen Sarty
Cyber Operations Manager
Raytheon

Mr. Stephen Sarty is a former Marine with over 25 years of experience supporting US operations in the Middle East in a variety of roles. He is now a Cyber Operations Manager in Pensacola for Raytheon on the DHS DOMino program supporting DHS’ efforts to develop, deploy and sustain system that monitor, analyze and mitigate cyber threats to .gov networks.

Mr. Sarty holds a Master of Science in International Security and Intelligence Studies from Bellevue University with a focus on the Middle East. He has authored a number of articles in venues such as ModernDiplomacy.eu covering topics involving the Middle East region. His current research agenda continues to focus on topics such as cyber war/ethics, the use of soft vs. hard power, and anti-American sentiment.

Dr. Eman El-Sheikh
Professor and Director
University of West Florida

Dr. Eman El-Sheikh is Director of the Center for Cybersecurity and Professor of Computer Science at the University of West Florida. Eman has extensive expertise in cybersecurity education, research and workforce development and received several awards related to cybersecurity education and diversity.

She leads UWF’s efforts as the NSA/DHS National Center of Academic Excellence Regional Resource Center for the Southeast U.S. and received several grants to enhance cybersecurity education and training for K12, college and non-traditional students. She teaches and conducts research related to the development and evaluation of Artificial Intelligence and Machine Learning for cybersecurity.

Eman has published several books, including most recently, Computer and Network Security Essentials by Springer Publishing, over 70 peer-reviewed articles and given over 100 presentations and invited talks.
Sri Sridharan
Director
Florida Center for Cybersecurity

As Director of the Florida Center for Cybersecurity (Cyber Florida), Sri Sridharan provides strategic oversight of the Center and is responsible for spearheading initiatives focused on driving workforce development, attracting new industry, and positioning Florida as the national leader in cybersecurity.

A seasoned expert with more than forty years of experience, Sridharan brings a base of knowledge acquired from his work with companies ranging from start-ups to international industry giants like IBM. During his career, he has held executive management positions focused on: technology-based continuous availability solutions for complex business challenges, solutions for service-quality intelligence on IT performance against business objectives, solutions for wireless mobility/business process integration, ASP (Application Service Provider) solutions with eight international data centers, custom applications for global procurement and distribution management, and hosted and in-house hospital information systems.

At the Florida Center for Cybersecurity, Sridharan has applied his business acumen to create the infrastructure of a statewide center that was formed to serve as a resource for cybersecurity education, outreach and innovative, interdisciplinary research within an academic environment. In this capacity, he has developed critical industry and government relationships, and positioned the Florida Center for Cybersecurity to become a national player on the cybersecurity landscape. Sridharan holds three Master’s degrees (Computer Science, Mathematics and Applied Mathematics) and he lives in Tampa, Florida.
I. Call to Order

Lieutenant Governor Jeanette Nuñez called the meeting to order at 10:00 a.m. and provided introductory remarks. Future meeting notices will be published in the FAR and on the Department of Management Services (DMS) website.

II. Roll Call

Members in attendance: Chair and Lieutenant Governor Jeanette Nuñez, Sandro Alvarez, Michael Delgado, Shane Desguin, Dr. Eman El-Sheikh, Bernard Kelly, Melinda Miguel, Ben Miron, Jason Raymond, Linda Reid, Jeffrey Sturman, and Thomas Vaughn, Jared Moskowitz, and Mike Phillips.

Excused Absences: Byron Shinn

Vacant Seat: State CIO (not yet appointed)

The Chair confirmed there was a quorum of the Task Force.

III. Opening Remarks by Secretary Satter of the Department of Management Services

The Secretary outlined the Department of Management Services’ role in cybersecurity within the state. Secretary Satter spoke of the Department of Management Services’ efforts to collaborate and listen as it works to help reinforce the State’s cybersecurity. The Secretary thanked the Task Force for its work and offered to be in contact.

IV. Movement to accept minutes

The chair asked if there was a motion to approve the meeting minutes from the Task Force meeting held October 22, 2019. Task Force member Melinda Miguel moved to accept the meeting minutes and was seconded by Task Force member Jeffrey Sturman. The motion was then adopted unanimously by the Task Force.

V. Presentation on Election Security by Secretary of State Laurel Lee

Secretary Lee reiterated the administration’s commitment to securing our elections and outlined the threats facing the Florida election system. She listed three key areas of Florida election security: The Joint Election Security Initiative; Understanding of the threat landscape and taking steps to mitigate the threats; and
Coordination between local, state, and federal partners. Secretary Lee took questions at the end of the presentation.

VI. Presentation by Doug Robinson of the NASCIO

Mr. Robinson gave an overview of the cybersecurity landscape, a review of the data collected by NASCIO, and patterns of success from states that they work with. He outlined a national perspective on state cybersecurity. Mr. Robinson then answered questions from the Task Force Members.

VII. Panel Discussion by local officials

Ray Desjardins, Chief Information Officer of Charlotte County, Ramin Kouzehkanani, Chief Information Officer of Hillsborough County, and Archie Satchell, Chief Information Officer of Palm Beach County, participated in the panel. The panel spoke about their backgrounds, their perspective on cybersecurity and daily IT operations, and the role of local and state government during cyber events. The panel then took questions from the Task Force members.

VIII. Presentation by Mike Housch of Black Knight

Mr. Housch gave a presentation on the best practices his organization implemented to protect their customers’ data. He presented the “back to basics” approach they executed upon to effectuate this goal in a sustainable way. Mr. Housch then answered questions from the Task Force.

IX. Task Force Suggestions/Working Group Presentation

Lieutenant Governor Nuñez allowed the Task Force members to offer their opinions on future topics and presenters. In addition, Cody Farrill, Deputy Chief of Staff of the Florida Department of Management Services, presented proposed working group structures.

X. Public Testimony

Lieutenant Governor Nuñez opened the floor for any public comment for those in attendance and on the phone. There was no public comment.

XI. Adjournment

Lieutenant Governor Nuñez made closing remarks. The meeting was adjourned at 12:25 pm.
Cybersecurity Education and Workforce Development Highlights

Florida Cybersecurity Task Force Meeting
January 17, 2020

Eman El-Sheikh, Ph.D.
Center for Cybersecurity
University of West Florida
The Cybersecurity Crisis

• U.S. is the #1 target for cyber attacks
  • 600% rise in cyber attacks
  • 350% rise in ransomware
  • Over 60 million identity theft victims
• Average cost of a data breach to US organizations: $8.19 million
• Government spending up to $15 billion
• Cyber crime damage by 2021: $6 trillion
• Yet... there will be an estimated 3.5 million unfilled cybersecurity jobs by 2021
Cybersecurity Skills Gap

Source: 2019 ISACA State of Cybersecurity
https://cybersecurity.isaca.org/state-of-cybersecurity
Cybersecurity Education Guidelines

- National Institute of Standards and Technology (NIST) National Initiative for Cybersecurity Education (NICE) Cybersecurity Workforce Framework
  - Defines 7 categories of work roles
  - Identifies knowledge, skills and abilities for each work role
  - Aligns education and training programs with job needs
Cybersecurity Growth and Opportunities

Employed:
- Florida: 50,069
- US: 997,058

Job openings:
- Florida: 24,618
- US: 504,316

Source: Cyberseek.org
Florida Cybersecurity Job Demand

Source: Cyberseek.org
Cybersecurity Job Demand

High job demand concentration relative to national average

Source: Cyberseek.org

NWFL employed: 4340
NWFL job openings: 2014
Cybersecurity Education Guidelines

  - Approval of comprehensive CAE application
  - Map curriculum to CAE Knowledge Units (KUs)
  - 5-year renewable designation in Education, Research or Operations
Cybersecurity Centers of Academic Excellence and Resource Centers

315 Total Institutions

CAE National Resource Centers
Community - California State University, San Bernardino (CA)
Mentors - Whatcom Community College (WA)
Reviewers - Northern Virginia Community College (VA)
Knowledge Units - University of Houston (TX)

CAE Regional Resource Centers
North Western Region – University of Washington (WA)
South Western Region - Coastline Community College (CA)
South Central Region - San Antonio College (TX)
North Central Region - Dakota State University (SD)
Mid-Western Region - Moraine Valley Community College (IL)
North Eastern Region - Mohawk Valley Community College (NY)
and Northeast University (MA)
National Capital Region
East Central Region - Forsyth Tech Community College (NC)
Southeast Region - University of West Florida (FL)
Florida Centers of Academic Excellence

Designated Universities
• Embry Riddle Aeronautical University
• Florida A&M University
• Florida Atlantic University
• Florida Institute of Technology
• Florida International University
• Florida State University
• Nova Southeastern University
• Saint Leo University
• University of Central Florida
• University of Florida
• University of North Florida
• University of South Florida
• University of West Florida

Designated Colleges
• Daytona State College
• Florida State College at Jacksonville
• Indian River State College
• St. Petersburg College
• Valencia College

Candidate Institutions
• Miami Dade College
• Palm Beach State College
UWF: Cybersecurity Innovation and Workforce Development

Become a National Leader in Cybersecurity Education and Workforce Development

- Engage educational institutions toward a common goal
- Connect education, industry and government
- Develop innovative programs and partnerships
UWF Multidisciplinary Cybersecurity Programs

Undergraduate Programs
- BS in Cybersecurity: NSA/DHS CAE Program
- BS in Information Technology: Cybersecurity
- BS in Computer Science & Software Development
- BA in International Studies: Security and Diplomacy

Graduate Programs
- MS in Cybersecurity
- MS in Information Technology: Cybersecurity
- MS in Computer Science
- MBA: Information Security Management
- MA in Political Science: Security and Diplomacy

Certificate Programs
- Cybersecurity
- Intelligence Analysis
- Information Security Management
Cybersecurity for All®

Innovative competency-based education and training

Program Goals

• Enhance readiness for and fill cybersecurity jobs
• Help individuals launch or advance cybersecurity careers
• Help organizations train, re-skill or up-skill personnel for evolving cybersecurity roles
Cybersecurity for All®

Program Strengths

• Topics align with current and emerging job needs
• Courses are modular and customizable for organizations
• Integrates best practices in higher education with hands-on skills development using the Florida Cyber Range, a state-of-the-art virtual environment
• Competency-focused learning
• Aligns with the NICE Cybersecurity Workforce Framework
• Face-to-face, online or remote delivery
Cybersecurity for All®

Topics
24 courses developed and offered to 645 students since March 2018
- Cybersecurity Awareness
- Cybersecurity Fundamentals
- Incident Response
- Risk Management
- Cloud Security
- Network Defense
- Industrial Control Systems Security
- Malware Analysis
- Secure Software Development
- Threat Intelligence
- Emerging topics

Partners and Audiences
- NSA
- Florida Department of Management Services
- Florida Department of State
- Federal, state and local government
- Businesses
- Defense and military organizations
- Veterans
- Teachers
Florida Cyber Range®

State-of-the-art virtual environment for education, training and research

- Hands-on training
- Competency-based learning & assessment
- Cyber competitions and exercises
- K12 camps and outreach

Florida Cyber Range Ecosystem

- Emulate Internet
- Traffic generation
- Replicate websites & social media
- Dynamic injection of attacks
Collaborations and Networks

Southeast Cybersecurity Conference  
2019 NSA/DHS Executive Leadership Conference

CyberUSA – Florida and Southeast Affiliate

Women in Cybersecurity – Florida Affiliate
UWF Programs for K12 Students and Teachers

Funded through the National Security Agency / National Science Foundation GenCyber Program
UWF Cybersecurity Ambassadors

• Visit K-12 schools and community events
• Increase cybersecurity awareness and interest in careers
• Engage peers with activities and demos
• Reached over 3000 students last year
Community Outreach
Cybersecurity Workforce Development Strategies

Educational Institutions

• Integrate hands-on skills and industry certifications into programs
• Develop more multidisciplinary and flexible programs
• Offer more internships and apprenticeships
• Enhance articulation among 2Y and 4Y programs, government and industry
• Promote diversity and participation of underrepresented groups

Industry and Government

• Promote internal talent development
• Provide ongoing training for all personnel
• Provide opportunities to reskill or upskill current personnel
• Promote cybersecurity awareness internally and across community
• Enhance collaborations among academia, industry and government
Cyber Florida: The Florida Center for Cybersecurity was established by the Florida legislature in July 2014 to position Florida as a national leader in cybersecurity through education, research, and community outreach.

- Hosted at the University of South Florida
- Works with the 12 state higher education institutions to facilitate offerings in cybersecurity education, awareness, research and training.
- Acts as a cooperative facilitator for industry & state businesses
- Guided by a Board of Advisors comprised of internationally recognized leaders from both the public and private sectors and led by former Director of National Intelligence Vice Adm. Mike McConnell, USN, Ret.
OUR MISSION

Position Florida as a national leader in cybersecurity through community engagement, education, and innovative, interdisciplinary applied research.

education / research / outreach
The structure of Cyber Florida is a unique business model that works with all 12 Florida state higher education institutions. No other state in the country has been able to duplicate this business model for its effectiveness. Many federal and state agencies have embraced this model since it provides ease of communication and access.
ACADEMIC COLLABORATION

• Established the State University System of Florida (SUS) Cybersecurity Advisory Council with three subcommittees.
  
  • Curriculum, CISO, Research – the council meets at least once a quarter at different state universities across the state.

• Since the creation of Cyber Florida:
  
  • At least 45 cybersecurity programs are being offered across the SUS
  
  • Nine of the 12 institutions have earned Center of Academic Excellence recognition from NSA/DHS
  
  • The graduates from the cyber programs are highly sought after
  
  • The Capacity Building Award Program has invested more than $2 million in 30 projects across the SUS institutions.
Since 2015, the Collaborative Seed Award Program has invested nearly $3 million to support 53 projects led by 65 faculty members from SUS institutions.

Focused research areas in collaboration with NAI, NSF, DOD and DHS:

- Smart Grid Defense
- Internet of Things (IoT) Security
- Secure Cloud Computing
- Cyber-Physical System Security
- Blockchain Optimization
- Post-Quantum Computing & Cryptography
- Artificial Intelligence for Threat Detection
- Wearable Device Security

Cyber Florida maintains a list of subject matter experts across the SUS

For research grants, where appropriate, Cyber Florida provides letters of support and introduction to the three-letter agencies in D.C.
FLORIDA CYBERHUB: A STATE RESOURCE

• Launched the Florida CyberHub in January 2018 to enhance cybersecurity courses and enable experiential learning across the SUS. The CyberHub platform enables access to:
  - Secure Sandbox
  - Capture-the-Flag
  - Desktop-as-a-Service
  - Curriculum Repository
  - Cyber Range
  - Community Forum

• Provides The Proving Grounds, a series of curriculum-based exercises to teach K-12 students the fundamentals of cybersecurity

• Fall 2019: Eight SUS institutions are hosting 20+ cyber courses, serving more than 1000 students throughout Florida

• Provides custom training & workshops in cyber crisis management for different constituents
  - State & local government, industry, K-12 schools

Florida CyberHub provides a secure environment for cybersecurity exercises and research, offering a cyber range with hundreds of pre-built scenarios to teach cyber defense.
NEW SKILLS FOR A NEW FIGHT

19 student-veterans chosen for pilot

• All completed the classroom phase
• 100% received job offers
• Dozens of employers engaged
• Starting salaries as high as $70,000

JPMorgan Chase & Co.
The Cyber Florida Security Operations Center will prepare students with real-world job experience while providing valuable cybersecurity services.
OUTREACH EVENTS

• **Florida Cyber Conference**, now in its sixth year, connects stakeholders from throughout the field, supports recruitment efforts, and encourages information-sharing. With more than 1,000 attendees in 2019, the event continues to grow year after year.

• The annual **Research Symposium** showcases the cutting-edge research being done at Florida’s public universities and attracts more than 200 scholars, students, and practitioners from across the state.

• Cyber Florida participates in **numerous industry and outreach events** throughout the year as a sponsor, partner, and invited speaker.

• In July 2018, Director Sri Sridharan **testified at the U.S. Senate Commerce Committee hearing**, “Complex Cybersecurity Vulnerabilities: Lessons Learned from Spectre and Meltdown.”
The Cyber Florida Security Operations Center will prepare students with real-world job experience while providing valuable cybersecurity services.

- Follows an apprentice ship model to provide students with hands-on work experience
- Uses actual cybersecurity tools and applications
- Currently recruiting student employees, with the official launch planned for later this year
• **The State of Cybersecurity in Florida** was published in January 2018, providing valuable insight into the state’s growing cybersecurity industry.

• For the second year running, the **Stay Safe Online Campaign** provided online shopping safety tips and best practices to Floridians during peak holiday shopping season. More than 250,000 Floridians actively engaged with the campaign in fall 2018.

• **Cyber Defense for SMBs** was published in February 2019 to help Florida's small businesses identify cost-effective cybersecurity measures. The campaign included a statewide workshop series, companion website with a suite of free resources, and a blog.

• In the wake of ransomware attacks against two Florida municipalities in summer 2019, Cyber Florida published a **Guide to Ransomware Prevention**, offering immediate steps to help prevent and mitigate ransomware attacks.

• Fall 2019: Cyber Florida launched the **Cybersecurity for Local Government** campaign providing best practice guidance and advise.
QUESTIONS?

visit our website cyberflorida.org