

CFIC@SHSU

Sam Houston State University
Cyber Forensics Intelligence Center Newsletter



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HIGHLIGHTS

- The CFIC thanks Woodforest National Bank for their support and participation in the CFIC Internship program.
- DOD CySP Scholarship Application Announcement
- SHSU students recently took second place in the invitational South West Collegiate Cyber Defense Competition (SWCCDC).
- The CFIC is recruiting for SHSU's National Collegiate Cyber Defense Competition (CCDC) team for 2021.



DIRECTOR'S MESSAGE

As the need for cybersecurity and cyber forensics professionals continues to escalate, the CFIC strives to help organizations meet this growing demand by partnering with companies to provide students with relevant internships. These internships provide students with real-world experiences as well as providing practical benefits to organizations. The CFIC thanks Woodforest National Bank for their support and participation in the CFIC internship program.

Competitions also provide students with applied knowledge and experience. A team of students recently took second place in the invitational South West Collegiate Cyber Defense Competition (SWCCDC). If you are interested in being a member or coaching SHSU's National Collegiate Cyber Defense Competition (CCDC) team this year, let the CFIC know.

The CFIC would like to thank participating research group speakers this year, and we anticipate an energetic presentation schedule in the spring semester. If you are interested in participating in the future, please contact the CFIC.

We wish everyone a safe and happy holiday, and we look forward to seeing everyone in the spring!

Industry Highlight: Woodforest National Bank

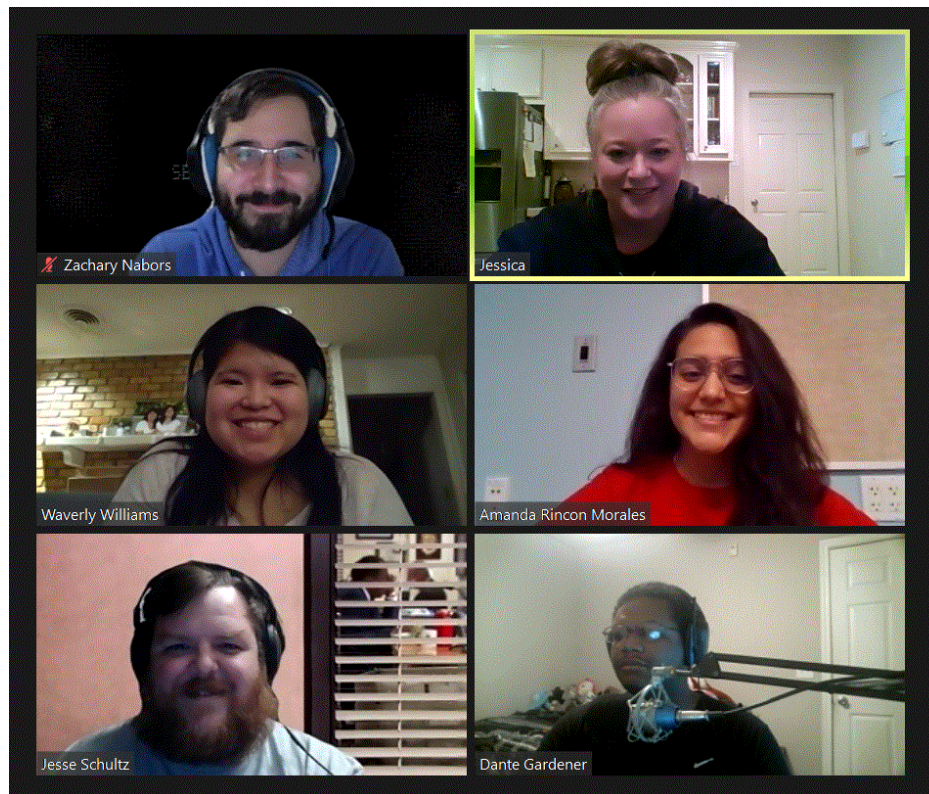
"Woodforest National Bank is celebrating 40 years as one of the strongest community banks in the nation, proudly offering outstanding customer service since 1980 Woodforest National Bank has over 750 branches in 17 states and commercial offices and satellite offices in additional states; our headquarters is located in The Woodlands, Texas. Woodforest National Bank offers several products and services for personal, small business, and commercial banking.

Woodforest is a community bank built upon the needs of the customers we serve. Woodforest focuses on building relationships and discovering opportunities to better serve our communities and understand the financial needs of every customer we serve. We are committed to earning customer loyalty by offering the highest level of customer service as well as competitive products and services by employees who are fair, responsive, and professional.

Woodforest National Bank is committed to fostering, cultivating, and preserving a culture of diversity and inclusion. By bringing together employees from diverse backgrounds and giving each person the opportunity to contribute their best skills, experience and perspectives, we believe that we are able to best serve our customers and sustain the value of our company's culture, reputation and results.

Through our Woodforest Cares program, we invest in Community Development, Community Support, and Woodforest U to give back to the communities we serve. Woodforest National Bank also founded the Woodforest Charitable Foundation in 2005 for the purpose of enriching communities through partnerships with charitable organizations. Woodforest National Bank is a Corporate Donor/Sponsor and has provided the Woodforest Charitable Foundation an \$11,000,000 endowment."

CCDC 2021 Team



The Collegiate Cyber Defense Competition (CCDC) is a national competition that provides a controlled competitive environment to test operational competencies and security capabilities in a simulated business network environment. The national competition is divided into regions; SHSU is part of the Southwest Regional. There are three stages to the competition that include virtual qualifiers, regionals, and nationals. Last year, SHSU's CCDC team made it through the virtual qualifiers and progressed to regionals.

We are in the process of recruiting SHSU's next team. If you are looking for a fun, challenging, and rewarding experience that potentially benefits future career opportunities, join us for the CCDC competition in 2021! Additional information on the CCDC competition is available at <https://www.nationalccdc.org/>

DOD CySP



WELCOME TO THE DOD CYBER SCHOLARSHIP PROGRAM (CYSP)

The DoD CySP is both a scholarship program for the DoD, and a capacity building tool for the nation. The program is a result of commitment from DoD and Congress to support higher education as a means to prepare the DoD workforce to deal with threats against the Department's critical information system and networks.

Being a Center of Academic Excellence (CAE) creates scholarship opportunities for SHSU Computer Science Students. The Department of Defense (DOD) Cyber Scholarship Program (CySP) provides students with the opportunity to graduate debt-free, internship experience, and a job upon graduation.

The DoD CySP is sponsored by the DoD Chief Information Office and administered by the National Security Agency (NSA). The program's objectives include promoting cybersecurity higher education, enhancing the DOD's ability to recruit and retain cyber professionals, and the ultimate enhancement of the nation's cyber posture.

If you are interested in learning about this great scholarship opportunity, contact the CFIC.

Partnerships

Internship Program

Organizations partner with the Center to provide on-site internship experiences to students enrolled in the Department of Computer Science at SHSU to assist in workforce development.

*Check the CFIC Web Site for Opportunities

Capstone Project

Provides students with the opportunity to interact with industry while simultaneously introducing them to practical research. These projects are conducted in conjunction with industrial partners at no cost to the organization.

Seminar Presentations

Industrial partners are invited to make presentations during the fall and spring semesters on challenges that they face from cybersecurity, digital forensics, and information assurance perspectives.

CONTACT THE CFIC

Cyber Forensics Intelligence Center

1803 Avenue I, AB1 Room 208

P.O. Box 2090

Huntsville, Texas 77341

Phone: 936.294.4768 Fax: 936.294.4312

Email: cfic@shsu.edu

CFIC MISSION

To conduct world-class, leading cyber forensics and security research, provide real-world training solutions, investigate cutting edge cyber forensic investigation resources; promote professional networking; and participate in open data exchanges.

GOALS

To bring together leading industry participants, practitioners, and faculty members from a variety of disciplines to research cyber forensic and digital security topics that are of interest to governmental, commercial and legal communities in order to:

- Deliver innovative, avant-garde, pioneering research expertise in security and forensics that solves real-world problems
- Partner with governmental, commercial, and legal communities to improve workforce education through world-class training programs
- Provide state-of-the-art research facilities, equipment, and training that empowers faculty to pursue substantial research funding
- Deliver to governmental, commercial, and legal communities a collaborative operational and investigative ecosystem for identifying and resolving cyber forensics and security challenges

Please follow us @



Directions

I-45, Huntsville, TX 77340 to Avenue I,
Huntsville, TX 77340

1. Depart I-45, Huntsville, TX 77340
 2. Turn East onto US-190 [SR-30] for 1.1 miles.
 3. Turn Right(South) onto SR-75 [N. Sam Houston Ave] for 0.4 miles.
 4. Turn Left(East) onto 16th St. for 0.2 miles.
 5. Turn Right(South) onto Avenue I for 0.1 miles.
 6. Arrive Avenue I.
- The Cyber Forensics Intelligence Center is located in AB1 Room 208