Dear CSE Students:

Welcome to the second newsletter of the Spring 2020 semester.

**Message from the UG Advisor:** The Bulls Connect (Career Fair) is Wednesday, February 5th at the Yuengling Center. Summer and fall registration will begin at the end of March. Now is a good time to meet with your CSE advisor to plan summer and fall. Beat the rush that occurs during registration. The Registrar will assign your registration appointment time and post it in OASIS near the end of March. Register as soon as possible. Don’t wait for spring grades to post. Information about advising availability is on the CSE website under Advising and Office Hours. Those of you planning to graduate at the end of fall should note that the deadline to submit your graduation checklist is Friday, March 27th. Visit the CSE website for details.

**Message from the Grad Program Assistant:**
- If you are a TA/RA, once your tuition waiver kicks in, do not forget that your fees are to be paid by no later than February 28. If your tuition waiver has not been processed by February 20, please let me know so I can follow up. Please do not send me emails to check before February 20, as they are still being processed.
- For MS non-thesis students graduating this semester, make sure that you take the Comprehensive Exam. You must score an 80% in order for it to be considered passing. For non-thesis international student, you must pass the comprehensive exam before I can approve your OPT requests.
- If you are graduating this semester, you must apply in OASIS by February 10. Please also submit your graduation checklist and plan of work to me by February 18 (refer to my previous email for details).

Attached are announcements for the following (please note that this listing does not imply University or Department endorsement):
- USF I-Corps Entrepreneurship Workshop
- Survey on Student Health Behavior
- USF Global Citizens Project – Operation: Global Action
- Research Experience for Undergraduates in Security and Privacy for Mobile Sensing and the Internet of Things
- NSF Research Experience for Undergraduates on Consumer Networking Technologies
- Association for Computing Machinery Benefits and Upcoming Workshops
- National Security Innovation Network X-Force Military Program
- Department of Defense Cybersecurity Scholarship Program
- 402 Software Engineering Group Job Opportunities
- Tampa Bay Engineering Internship Alliance
- Raymond James 2020 Summer Internship Opportunity

Regards,

Ken Christensen
Professor and Associate Chair of UG Affairs
From Concept to Commercialization

USF Faculty & Students

If You’ve Got a Great Idea for a Product, Technology or Service

The USF I-Corps Program Can Help You Take It to the Next Level

• Find and talk with potential customers
• Develop a successful business model
• Turn your technology into a commercially viable product
• Participating teams receive up to $3,000

Sign up now for this 6 week workshop

Mondays, 1pm – 4pm on
2/10, 2/17, 3/2, 3/9, 3/23, 3/30
In USF Research Park

Deadline: 01/31/2020

For More Information

http://innovation.usf.edu/icorps
Survey on Student Health Behavior

Hello!

My name is Brendan Wheeldon. I am a senior here at USF conducting a survey on students' health behaviors as part of my Honors Thesis Project. This survey is anonymous and should take about 5-10 minutes to complete. It will ask about your attitudes and behaviors with regard to your personal health. The data collected will not be published or otherwise shared outside of my thesis class project. Your response to this survey would be greatly appreciated.

Feel free to reach out to me at bwheeldon@mail.usf.edu with any questions or concerns.

Thank you!
During the week of May 11th-15th, 2020 on the Tampa campus, we will offer students the opportunity to do high impact problem solving activities on global issues in the topic areas of Food, Oceans, and Gender, demonstrating how the UN’s Sustainable Development Goals are achievable. If you and your unit are interested in supporting this new program at USF, here are ways you can help:

- Offer $100 scholarships for students to participate (we greatly appreciate your offer to sponsor students and will be sending you more details soon!)
- Offer classroom spaces in your areas that can each accommodate 7-10 students during the week of May 11-15th.
- Be a judge for our evaluation of student projects (for the morning of May 15th 2020)
- Connect us with experts in the local community who want to share their work with students

Here’s the link to sign up to participate in Operation: Global Action. We also now have the graduate student facilitator applications up. The deadline for applications is February 21st, please help us share with students. This would be a great opportunity for graduate students to add to their CVs. Any support you can provide as a potential partner is much appreciated. We hope to make OGA a new tradition at USF! Please help us spread the word!
The TSYS School of Computer Science at Columbus State University is pleased to host an NSF CISE REU Site in Security and Privacy for Mobile Sensing and the Internet of Things. In our program, undergraduate students will participate in a 9-week research experience at Columbus State University (Columbus, GA) in researching problems and issues related to security, privacy, authentication, data integrity, and malware for Mobile Sensing and the Internet of Things.

For the year 2020, the program will run from May 27 / 2020 until August 1 / 2020. This site will be supported by the NSF CISE REU program.

Students will be awarded a stipend of $5,400 plus travel, meal stipend, and on campus housing. The program incorporates professional development activities. The application process will close in March 04 /2020. Awardees will be notified from March to the beginning of April 2020. U.S. Citizenship or permanent residency is required. Women, minorities and students with disabilities are encouraged to apply. Information about the program can be found at http://www.reucsu.org.

This site is supported by the Department of Defense in partnership with the NSF REU program under grant award # 1560214, and by the NSF REU Program under grant award # 1950416.
Call for Applications

NSF Research Experiences for Undergraduates (REU) Site on Consumer Networking

Apply at - HTTP://REU.RNET.MISSOURI.EDU

HIGHLIGHTS:

- The participants will get a stipend of $6,000, room (if needed) and meal allowance, plus support for travel to/from the Site.
- Investigate interesting issues in the areas of: software-defined networking/virtualization, visual cloud computing, edge computing, social health networking, body area sensing and environment recognition.
- Gain hands-on experience by carrying out projects.
- Work closely with experienced research faculty and graduate student mentors.
- Topical lectures to give the participants in-depth knowledge of consumer networking and related technologies.
- Seminars related to career development and graduate school preparation.
- Opportunities to present your work at various forums.

Eligibility:

- Applicants must be citizens or permanent residents of the United States or its possessions.
- Applicants must be an undergraduate student in good standing.
- Applicants must be enrolled in the institutions including community colleges.

Requirements:

- Non-local participants should live in campus housing – arranged by this REU site.
- Participants are expected to work 40 hours per week at the REU site.
- Participants should follow research schedule – arranged by this REU site and faculty mentor.
- Once you accept an offer from this REU site, you are obligated to complete the 10-week summer program.
A STUDENT CHAPTER THAT FOSTERS GROWTH IN THE COMPUTING COMMUNITY

Benefits our members enjoy

- TECHNICAL WORKSHOPS
- SOCIAL EVENTS
- PRESENTATIONS BY INDUSTRY SPEAKERS
- CAREER CONTACTS
- PREPARATION FOR JOB SEEKERS
- LEADERSHIP OPPORTUNITIES

Follow us on our social media for updates
- Facebook: ACM@USF
- Instagram: @USFACM

Join us on bullsync for event details
UPCOMING WORKSHOPS

- INTRODUCTION TO SOFTWARE ANALYSIS AND DESIGN
- INTRODUCTION TO SQL
- INTRODUCTION TO DATA MINING
- INTRODUCTION TO MACHINE LEARNING
- BRIEF UNDERSTANDING OF REINFORCEMENT LEARNING
- INTRODUCTION TO NEURAL NETWORKS
- DEEP Q-LEARNING (DQN)

Students from all majors are encouraged to attend the events. The workshops shall be curated for beginners.

Follow us on our social media for updates
Facebook: ACM@USF
Instagram: @USFACM
Join us on bullsyc for event details
Overview
The X-Force Program is an opportunity for technologists and entrepreneurs to serve their country by solving real-world national security problems in collaboration with the United States military.

NSIN currently offers two versions of the X-Force program:

X-Force Fellowship: a full-time, in-person, paid summer fellowship program
X-Force Remote: a part-time, remote, volunteer opportunity

Participants
The X-Force program is open to U.S. citizens at the undergraduate and graduate level. Participants possess a diverse set of skills ranging from mobile and web app development, data analysis and visualization, hardware prototyping, social media strategy, and technology scouting.

In the pilot cohort during the summer of 2019, forty-three students worked with fifteen military problem sponsors across many states to develop prototype capabilities that address real-world problem topics. Past participants came from Duke University, the University of North Carolina, North Carolina Agricultural and Technical University, the University of Virginia, Georgia Institute of Technology, the University of North Georgia, Florida Polytechnic University, Washington University in St. Louis, the University of Colorado Boulder, California State University, and the University of California San Diego.

Hosts
The X-Force Program addresses real-world military problems that require technical and entrepreneurial expertise. During the program, military sponsors must supply an Action Officer to engage with their fellows on a weekly basis. For the in-person Fellowship program, hosts expected to provide fellows regular on-base access to facilities and personnel where appropriate and relevant.

Application / Next Steps
Interested applicants should complete the interest form available on the NSIN website, here. Fellows will be paid a competitive stipend and provided with a small budget for travel and material expenses. X-Force Remote volunteers are unpaid and are required to sign a Volunteer Services Agreement.

Interested military hosts can email info@nsin.us for more information.

More About NSIN
The National Security Innovation Network (NSIN) is a program of the U.S. Department of Defense (DoD) that collaborates with major universities and the venture community to develop solutions that drive national security innovation.

info@nsin.us  |  nsin.us
Department of Defense
Cybersecurity Scholarship Program (CySP)

The DoD is seeking rising junior and senior (third and fourth year) undergraduate and graduate/doctoral students who are interested in full-ride scholarships for concentrated studies in cybersecurity and other cyber-related disciplines. This requires the student to agree to serve one year of civilian service to the DoD, upon graduation, for each year or partial year of scholarship received, in addition to an internship. Active and Reserve military are also eligible, but have different service payback requirements.

Students selected as CyberScholars will receive the full cost of tuition, required books (not optional ones), required fees (including health care), and a stipend to cover room and board. The stipend levels are $25,000 for undergraduate students and $30,000 for graduate (Master’s/PhD) students.

To be eligible for the CySP opportunity described in this announcement, you must meet all of the following minimum requirements:

- At least 18 yo
- U.S. Citizen
- Able to obtain a security clearance
- Completed at least the first two years of an undergrad degree program
- Pursuing a degree in one of the scientific, technical, or managerial disciplines related to cyber or with a concentration in cybersecurity
- Have at least a 3.2 GPA (for undergrads) or 3.5 GPA (for graduate students)

For more detailed information on the application requirements, visit:

https://tinyurl.com/vh37sam

For questions, please email Dr. Randy Borum (borum@usf.edu) with “DoD CySP Query” in the subject line.

The deadline to submit a completed application packet is Noon on February 1, 2020.
WE'RE HIRING!!!

Incentives
• $30k Retention Incentive
• 25% Signing Bonus
• 13 Days Paid Vacation
• 10 Paid Federal Holidays
• 40 Hour Work Weeks
• Paid Overtime/Comp Time

Schedule
• 5 Feb 2020 – USF Bulls Connect Fair
• 6 Feb 2020 – On Campus Interviews

Platforms
- C-5
- C-17
- C-130
- E-8
- F-15

Software Languages
- C
- C++
- C#
- Ada
- Assembly

Software Systems
- F/A-18
- Link 16
- MQ-9
- GSQ-272
- RQ-4
- TPS

Systems
- Toward
- Advanced
- Electro-Optical
- Suppression of
- Radar Warning
- Infrared
- Design
- Fabrication
- Integration

 Systems
(EO,RF,UV)

(EO,RF)

(EO,RF,UV)

(EO,RF,UV)

(EO,RF,UV)

(EO,RF,UV)
Spring 2020 Engineering Internship Mixer

A great opportunity for students and industry to make valuable contact and to promote internships and apprenticeships for Tampa Bay Area Engineering and Technology students. Whether your interests lie in Engineering (any discipline), Machining, Electronics, Design/Drafting, Software Development or IT Systems, we welcome your participation!

Thursday, March 5th, 6:00 PM - 8:15 PM

Location: Kelly Services Atrium
4631 Woodland Corp Blvd
Tampa, FL 33614

Students Register online at: https://conta.cc/2QU031X

What to expect:

Participating companies will provide a two-minute introduction to their business followed by the opportunity to network with up to 100 engineering students who are seeking internships.

- 6:00-6:30 Networking, Refreshments and Food
- 6:30-7:15 Company Presentations
- 7:15-8:15 Networking Continues

To keep up to date with future TBEIA events, please join our LinkedIn Group
https://www.linkedin.com/groups/12089405
Job Description

2020 Summer Internship Development Program - Information Technology

Description

Job summary
The Raymond James Information Technology Summer Internship Program is a ten to twelve-week comprehensive professional opportunity for highly motivated individuals who have a passion for both technology and business experience, receive valuable on-the-job-training, and learn about the many technology professions available in the industry. Internships are available across the Technology Organization in areas such as: Architecture/Database Technology, Infrastructure and Information Security, IT Administration, Operations/Institutional/Bank Technology, Service Delivery and Support.

Under general supervision, interns:

- Utilize skills gained through training and experience to assist with specific projects within an assigned specified period of time.
- Use judgment to adapt procedures, processes and techniques to apply to more complex assignments.
- Resolve routine questions and problems and refer more complex issues to a higher level.
- Gain personal and professional enrichment through community service involvement.
- Participate in team project challenges that produce tangible outcomes for the business.

Internship Length: 10 to 12 weeks
Start date: May 2020

Essential Duties and Responsibilities:

- Specified projects and varied assignments.
- Operates standard office equipment and uses required software applications.
- Performs other duties and responsibilities as assigned.

Educational/Previous Experience Requirements:

Applicants are required to be enrolled in a college Degree seeking program. Candidates enrolled in degrees related to Information Technology or Business preferred or equivalent combination of experience, education, and/or training approved by Human Resources.

Click here to apply