Dear CSE Students:

Welcome to the third newsletter of the Spring 2019 semester.

**Message from the UG Advisor:** Spring Break starts March 11th. Registration for summer AND fall begins on March 25th. The Registrar will assign your registration appointment time and post it in OASIS. Check your registration time before the 25th and prepare. Remember to register as soon as you are able. Don’t wait for spring grades to post. Information about advising availability can be found on the CSE website under Advising and Office Hours. If you are planning to complete an internship for academic credit over the summer, please make sure to submit your contract and letter of offer before the end of summer registration. Those of you planning to graduate at the end of Fall should note that the deadline to submit your graduation checklist is Friday, March 22nd. Details can be found on the CSE website.

**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 22.
- 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.

Attached are announcements for the following (please note that this listing does not imply University or Department endorsement):
- Program Resource Center TA Hours
- Black Computer Scientist: The Past, Present & You
- Research Experiences for Undergraduates Summer Program in Ubiquitous Sensing
- Required Event: Welcome to Cybersecurity
- Department of Defense Cybersecurity Scholarship Program
- FAEDS Scholarship Opportunity
- Employment Opportunity: Product Manager
- Spring 2019 Engineering Internship Mixer
- National Student Leadership Conference on Cybersecurity
- REU in Applied Computational Robotics
- REU in Networked Cyber-Physical Systems
- REU iSchool Inclusion Institute

Regards,

Ken Christensen
Professor and Associate Chair of UG Affairs
Office Hours for the CSE Programming Resource Center (Spring 2019 – Last updated: January 7, 2019)

The CSE Programming Resource Center (PRC) is the cubicle in the northwest corner of ENB 216 (C4 Lab). Teaching Assistants (TAs) from Programming Concepts (COP 2510), Program Design (COP 3514), Object Oriented Design (COP 3331), and Data Structures (COP 4530) staff the center to provide programming assistance to all CSE students in all Departmental courses. Note that the TA for your course is always your best resource, but all TAs will work hard to help you.

Teaching Assistants and Schedule:
- Saurabh Hinduja <saurabhh@mail.usf.edu> for COP 3514 F 2:30pm-4:00pm
- Cagri Cetin <cagricetin@mail.usf.edu> for COP 3514 R 4:30pm-5:30pm
- Tianze Chen <tianzechen@mail.usf.edu> for COP 3514 W 3:00pm-5:00pm
- Trevor Patrick <trevorp1@mail.usf.edu> for COP 3514 M 11:00am-1:00pm
- Tracy Miller <tamiller1@mail.usf.edu> for COP 3514 F 8:00am-10:00am
- Mohamed Ebraheim <mohamedusama@mail.usf.edu> for COP 3331 T 12:30pm-1:30pm
- Lakshmi Angara <angara@mail.usf.edu> for COP 3331 F 10:30am - 11:30am
- Blanche Pinto <bjpinto@mail.usf.edu> for COP 4530 T 2:00pm- 3:30 pm
- Gilbert Rotich <grotich@mail.usf.edu> for COP 4530 R 2:00pm-3:00pm
- Md Sirajus Salekin <salekin@mail.usf.edu> for COP 2510 M 4:00pm-5:00pm
- Maithili Mishra <maithilim@mail.usf.edu> for COP 2510 R 11:30am - 12:30pm
- Ahmad Alagil <alagil@mail.usf.edu> for COP 2510 M 2:30-3:30
- Ravi Sharma <ravis@mail.usf.edu> for COP 2510 R 3:30 - 4:30
- Chengbin Hu <chengbin@mail.usf.edu> for COP 2510 W 10:00-11:00

<table>
<thead>
<tr>
<th>Time</th>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00am</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Tracy Miller</td>
</tr>
<tr>
<td>8:30am</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>9:00am</td>
<td></td>
<td>Mohamed Ebraheim</td>
<td>Chengbin Hu</td>
<td></td>
<td></td>
</tr>
<tr>
<td>9:30am</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10:00am</td>
<td></td>
<td>Mohamed Ebraheim</td>
<td>Chengbin Hu</td>
<td></td>
<td></td>
</tr>
<tr>
<td>10:30am</td>
<td>Trevor Patrick</td>
<td></td>
<td></td>
<td></td>
<td>Lakshmi Angara</td>
</tr>
<tr>
<td>11:00am</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>11:30am</td>
<td></td>
<td></td>
<td></td>
<td>Maithili Mishra</td>
<td></td>
</tr>
<tr>
<td>12:00pm</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>12:30pm</td>
<td></td>
<td>Denis Laesker</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1:00pm</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1:30pm</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2:00pm</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2:30pm</td>
<td>Ahmad Alagil</td>
<td></td>
<td></td>
<td>Gilbert Rotich</td>
<td></td>
</tr>
<tr>
<td>3:00pm</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Saurabh Hinduja</td>
</tr>
<tr>
<td>3:30pm</td>
<td>Md Sirajus Salekin</td>
<td></td>
<td>Tianze Chen</td>
<td>Ravi Sharma</td>
<td></td>
</tr>
<tr>
<td>4:00pm</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4:30pm</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Cagri Cetin</td>
</tr>
<tr>
<td>5:00pm</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5:30pm</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6:00pm</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6:30pm</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7:00pm</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7:30pm</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8:00pm</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Black Computer Scientist: the Past, Present & You

Dr. Schin nel Small  Dr. Henrick Jeanty  Dr. Tempe stt Neal

Wed. February 20, 2019
3:00-4:00pm
ENB 109 - Engineering Building II

Food & drinks will be provided during this event. This event is free and open to the public.

Join us for an afternoon of presentation and discussions on the black trailblazers in the Computing field, the present and state of the field. Student engagement and coding information will be provided.

For reasonable accommodations, please contact 813-974-3652
Research Experiences for Undergraduates
Summer Program in UBIQUITOUS SENSING

May 20 to July 26, 2019 (Tentative)

The Department of Computer Science and Engineering at the University of South Florida in Tampa, FL offers research summer opportunities for qualified junior and senior undergraduate students in the area of Ubiquitous Sensing. The program, funded by the National Science Foundation’s Research Experiences for Undergraduates (REU) program, will select ten (10) students every year to work for 10 consecutive weeks during the summer in research projects. During that time, students will share their experiences with fellow participants, attend seminars, acquire oral and written presentation skills, and learn how to conduct independent research. Students will be awarded a stipend of approximately $6,200 plus travel and on campus housing.

Research projects will be on Ubiquitous Sensing, a new area of research that encompasses the integration of smartphones with sensors and Internet technologies to address large-scale societal as well as individual problems.

Current research projects are mainly in the areas of:

- **Transportation**
  - Indoor and outdoor navigation systems for visually impaired people
  - Vehicle counter and traffic estimator
  - System to characterize and assess bicyclists vulnerabilities
- **Health care**
  - Application to help people with Congestive Heart Failure conditions
  - Application to analyze walking patterns to help people with hip and knee replacements and other walking conditions
  - Fall detection and fall prevention systems
- **Security (biometrics)**
  - Automatic authentication system based on people’s gait

In all these projects, students will learn Android programming to develop the applications and collect raw sensor data. Then, they will apply computer science algorithms and techniques to the data to help people navigate, improve their health, authenticate users, recognize the user activity, analyze walking patterns, etc. according to each project.

We are receiving applications until March 15, 2019. Please visit [http://reu.cse.usf.edu](http://reu.cse.usf.edu) for more information.
Welcome to Cybersecurity

Required for all Pre-CyS and CyS majors

An advising seminar with special industry speaker

Food and drinks provided

MARCH 1ST  3:00-5:00pm  ENA 105

Please email MAYRA1@USF.EDU to state you are attending
If unable to attend, send an email explaining why
Department of Defense Cybersecurity Scholarship Program

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 service to the DoD, upon graduation, for each year or partial year of scholarship received, in addition to an internship.

Students selected as CyberScholars will receive the full cost of tuition, books (from the institution/degree specific required book list, not books which are optional for the class), 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 (typically, family members must be US Citizens as well)
- 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)

The deadline to have all application materials to me is Noon on February 18, 2019. An acceptable application package for the CySP consists of the following requirements:

- A CySP Student Application
- Separate sheet highlighting recognitions, honors and awards
- Supplemental Academic Sufficiency Statement (Supplement to Form OF612)
- Resume
- One (1) Letter of Reference from a current faculty member
- One (1) additional Letter of Reference from either a current or former faculty member, or a current or former supervisor
- Official (certified) Transcripts
- Resume
- Supplemental Competency Statement: Knowledge, Skills and Attributes (Supplement to Form OF612)
- Signature of the Supplemental Statement of General Academic and Employment Conditions (Supplement to Form OF612)

Interested students can find more detailed information and links to the application and instructions here: https://www.usf.edu/arts-sciences/departments/information/programs/graduate-programs/ms-in-intelligence-studies/dodcysp.aspx
SCHOLARSHIP APPLICATION INSTRUCTIONS

Illegible or incomplete information will disqualify your application.

1. Eligibility Requirements
   - Must be an undergraduate student
   - Must be enrolled as a full-time student in Florida
   - Must attend a university, a four-year college, or a two-year college in Florida
   - Must have a minimum 3.0 GPA
   - Must be (or plan to be) enrolled in a Science, Technology, Engineering, or Math academic program.

2. Applications can be submitted electronically via email. Please email completed submissions to athimmes@flvc.org.
   a. Scholarship Application
   b. Please provide a graphic prototype describing your idea or vision of a forward-thinking mobile app that you would find helpful as a college student. Please, also provide a brief description (three paragraphs maximum) of this mobile app. Your prototype may be in the form of PDF, JPEG, PNG and must be attached to your application.
   c. One (1)-page Personal Resume (should include school activities, community service, sports activities, and employment, if applicable (most current only)
   e. One (1) copy of your Unofficial Transcript

3. DEADLINE FOR APPLICATION: April 1, 2019

   Electronic Submission:
   Applications must be submitted electronically to athimmes@flvc.org.

Please Note:

- FAEDS will notify Scholarship Recipients of their award in the middle of May.
- Scholarships will be awarded upon verification of submission into a Florida Institution.

For Questions please contact us at athimmes@flvc.org.
Scholarship Form

PERSONAL:
Name: __________________________________________________________________________

Last                         First                         MI

Home Address: ________________________________________________________________

Street                        City                        State                        Zip

Telephone: (    ) __________________________

Email: __________________________________________________________________________

EDUCATION:
High School: ____________________________________________________________________________________

Graduation Date: ______________

Current GPA: _________

Name of Institution in Florida you are (or will be) attending:

________________________________________             (____)____________________________

Name                        Telephone

________________________________________________________________________

Address                        City                        State                        Zip

Virtual College Week Session(s) Attended: __________________________________________________________________________________________________

By signing below, you agree that all the provided information is up to date and accurate.

________________________________________
Student Signature

________________________________________
Date
Description

As part of product planning and prioritization, identifies, analyzes and documents complex business requirements and processes using specific extensive input from industry and/or business unit subject matter experts. Participates in multiple projects with broad scope and/or large impact. Works independently on difficult assignments that are broad in nature requiring originality and ingenuity with appreciable latitude for unreviewed actions or decisions. Provides comprehensive solutions to complex problems. Extensive contact with internal customers and subject matter experts is required.

Responsibilities

- Collects and analyzes information; interviews subject matter experts (SMEs), observes operations and uses knowledge of business systems and processes to develop solutions to specific problems.
- Reviews operational procedures and methods; maps current business processes; defines and analyzes business activities; conducts benchmarking activities to identify best practices; and recommends changes for improvement.
- Assists in managing a portfolio of technical applications
- Defines project scope and objectives through research and data gathering using a demonstrated understanding of, systems and industry requirements.
- Develops an understanding of the business case behind all projects, including the motivating factors for all stakeholders.
- Develops and maintains release schedules, working with the technology team to prioritize features and collaborates with other business units and technology teams as necessary for release management.
- Serves as a functional subject matter expert (SME), provides internal consulting services to assigned functional area(s); coordinates activities with other functional areas and facilitates the implementation of cross-functional business system modules, models and/or enhancements.
- Consults with users to identify, analyze, refine and document business requirements.
- Serves as a liaison between client business units and technical business units by analyzing business and user needs; defining requirements; and representing the user in the design, development, validation and implementation of appropriate technology solutions.
- Assists in identifying requirements for each phase of testing and develops test plans and scripts, as required.
May serve a dual role as the point of contact for both business users and technical staff to discuss and clarify the interpretation of business requirements to technical specifications.

Partners with technical business units in the research, analysis and resolution of system and process problems.

Locates, gathers and analyzes information on potential solutions and best practices and evaluates the potential benefits to the organization.

Maintains relationships with key users by developing and leading advisory groups to help drive prioritization and design.

Drives/leads efforts to plan and implement change initiatives. Includes development of rollout plans, training IT and operational support areas, and assisting in communications and documentation to support releases.

Prepares and delivers written and oral presentations to project stakeholders, as well as present at conferences and events, both one on one and in classroom settings.

Experience Preferred:

- Minimum of a B.S. in Computer Science, MIS, Business or related degree and three (3) years of relevant experience or a combination of training, education and experience.
- One (1) year of experience in defining and documenting business and technical requirements and processes, systems analysis, business process modeling, representing stakeholders on project teams and problem solving with large, complex cross-functional systems and processes.
- Financial services experience preferred.
- Knowledge of the following highly preferred to required:
  - Concepts of risk management, issue tracking, change management and requirements gathering.
  - Information technology support and technical documentation.
  - Principles of banking and finance and securities industry operations.
  - Business planning and analysis – with demonstrated ability to develop product strategy and deliver detailed business requirements based on that strategy.
  - Knowledge of branch operations and advisor-facing technology preferred.
Clarifying system interface requirements and relationships.
Interpreting client input, clarifying issues and developing solutions.
Preparing various reports, summaries, surveys and written recommendations.
User acceptance testing principles, with ability to develop test plans and scripts.
Project planning and reporting and coordinating project activities across organizational lines may be required at times.
Understanding of project management methodologies and fundamentals of the software development lifecycle.
Preparing and delivering written and oral presentations.
Some travel may be required.

**Licenses:**
- None required

**Competencies:**
- **Analysis:** Identify and understand issues, problems and opportunities; compare data from different sources to draw conclusions and make recommendations.
- **Communication:** Clearly convey information and ideas through a variety of media to individuals or groups in a manner that engages the audience and helps them understand and retain the message.
- **Exercising Judgment and Decision Making:** Use effective approaches for choosing a course of action or developing appropriate solutions; recommend or take action that is consistent with available facts, constraints and probable consequences.
- **Technical and Professional Knowledge:** Demonstrate a satisfactory level of technical and professional skill or knowledge in position-related areas; remains current with developments and trends in areas of expertise.
- **Building Effective Relationships:** Develop and use collaborative relationships to facilitate the accomplishment of work goals.
- **Client Focus:** Make internal and external clients and their needs a primary focus of actions; develop and sustain productive client relationships.

**Contact:**
Application (Resume and Cover letter) must be sent directly to Barbara Fischer
<Barbara.Fischer@RaymondJames.com>
Spring 2019 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 7th, 6:00 PM - 8:15 PM

Location: Kelly Services Atrium

4631 Woodland Corp Blvd

Tampa, FL 33614

Students Register online at:

https://conta.cc/2Wq9LtK

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.

Refreshments will be served.

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

The event is FREE to attend for all engineering students.
THE NSLC ON CYBERSECURITY IS LOOKING FOR TEAM ADVISORS/ASSISTANT TEAM ADVISORS FOR SUMMER 2019.

APPLY ONLINE AT: https://portal.nslcleaders.org/jobs

The NSLC on Cybersecurity is a 9-day conference providing talented high school students from around the world with hands on cybersecurity experience, opportunities to meet working professionals, and visits to different organizations and government agencies. Under the guidance of their Team Advisors, these students will explore various fields in cybersecurity, discuss ethical issues impacting the field, and participate in a variety of cybersecurity lab experiences and projects.

The Role of the Team Advisor

Team Advisors (TAs) act as facilitators, presenters, simulation monitors, and resident advisors. The job of a TA encompasses the role of a chaperone, teacher, mentor, and policy enforcer. As a TA, you will facilitate and supervise a group of 12-16 students. Many TAs will also lead activities, simulations, and lectures attended by all students. Working with your TA group is an amazing experience as you watch your students make friends for life and experience the world of cybersecurity in a personal way. This is a unique opportunity to serve as a mentor and role model for talented young students and share your passion for knowledge of cybersecurity.

The Role of the Assistant Team Advisor

Assistant Team Advisors (ATAs) act as facilitators, presenters, simulation monitors, and resident advisors. ATAs also assist as a chaperone, teacher, mentor, and policy enforcer. As an ATA, you will work with a Team Advisor (TA) to facilitate and supervise a group of 12-16 students. Many TAs will also lead activities, simulations, and lectures attended by all students. Working with your TA group is an amazing and fulfilling experience. This is a unique opportunity to serve as a mentor and role model for talented young students and share your passion and knowledge for subjects you connect with. Assistant Team Advisors arrive on-site 3-4 days before students arrive in order to participate in orientation and training and stay for three 9-day sessions.

Requirements for TA Employment

Candidates should be studying, have extra-curricular background, interned, or have a keen interest in the field of Cybersecurity, Computer Science/Engineering, Electrical Engineering, Business and/or National Security/Intelligence. NSLC has a primary focus on leadership development. Applicants should have leadership experience and/or training.

Candidates should be finished with their freshman year of college.
Requirements for ATA Employment

Candidates should be studying, have extra-curricular background, interned, or have a keen interest in the field of Cybersecurity, Computer Science/Engineering, Electrical Engineering, Business, and/or National Security/Intelligence. NSLC has a primary focus on leadership development. Applicants should have leadership experience and/or training.

Candidates must be at least 18 years of age and in their Freshman year of college.

Dates & Compensation

Team Advisors will be paid $765 at the end of each session. Assistant Team Advisors will be paid $350 at the end of each session. The NSLC pays for room & board, as well as transportation to and from the conference. Applications are now being accepted. If you have any questions about the position or application, feel free to contact Christian Ante at christian.ante@nslcleaders.org. In 2019, the NSLC on Cybersecurity will be held on the campus of American University in Washington, D.C.

Session 1
June 25 - July 3

Session 2
July 7 – July 15

Session 3
July 19 – July 27
The University of South Carolina REU in applied computational robotics is centered around the observation that "robots change everything." That is, every aspect of a computer system, from the design and engineering of its software, to its interactions with humans, to its core functions of perception and movement, is deeply impacted by the way robots must interact with the physical world. In this 10 week summer program, students will engage in active research rooted in areas such as software engineering, security, and automated reasoning that are often overlooked by the contemporary robotics community, but crucially important for the deployment of reliable, trustworthy robotic systems.

An REU is a summer opportunity for undergraduate students to learn about the research process in their field and to conduct their own original research. Students work closely with faculty mentors, graduate students, and other REU participants on cutting edge problems. It's an opportunity for students to apply their knowledge gained inside the classroom to real-world, unanswered problems, and is an opportunity for students to explore research as a future career. In addition to conducting research, REU participants have the opportunity to receive professional development training that will assist them both in their current research and in their future careers, as well as the opportunity to network with other like-minded undergraduates.

PROGRAM EXPECTATIONS

- Students will conduct research in their labs for 40 hours per week.
- Participate in all professional development workshops.
- Presenting a poster at the summer-end Research Symposium.
- Write a final paper summarizing their findings.
- Adhere to all University standards, including the Carolina Creed.

Program Benefits:

- A stipend of $500 per week.
- On campus housing in apartment-style dormitories.
- A meal allowance of $1200.
- Travel expenses up to $600.
- Professional development and training workshops.
- Coordinated social events.

To apply go to https://reu.cse.sc.edu/
Application deadline is March 1.
Are you an **undergraduate student** majoring in computer engineering, electrical engineering, computer/software engineering, telecommunications engineering, computer science, or other related discipline?

Spend your summer with us at **Wichita State University**, working on National Science Foundation-funded research on networked cyber-physical systems. You will spend nine weeks — **June 3—August 2, 2019** — living on the Wichita State campus and working on research with faculty mentors.

We provide for lodging, pay travel expenses (upto $600), provide **$1080** as a meal stipend in addition to a general **$4,500 stipend** for successful applicants that participate.

**Available Research Areas**
- Robotics and Artificial Intelligence
- Indoor Mapping and Navigation using Smartphones
- Bluetooth-based Wireless Localization
- Cloud Computing
- Computer Vision
- Security and Privacy of Wearable Devices
- Secure Manufacturing Systems
- Secure Mobile Apps
**i3 Research Opportunity**  
**APPLICATIONS NOW OPEN**  
2019 i3 Summer Research Program for Underrepresented Students Open to Students of All Majors  
Application Deadline: February 15, 2019

**What is i3?**  
The iSchool Inclusion Institute (i3) is an undergraduate research and leadership development program that prepares students from underrepresented populations for graduate study and careers in the information sciences. Students from across the country are selected each year to become i3 Scholars and undertake a yearlong research project spanning the year.

**Who Should Apply?**
- Undergraduate students enrolled in, or have recently graduated from, an accredited college or university in the US
- Students enrolled in any academic major
- Students who have an interest in graduate school and research opportunities
- Students who are open to exploring the information sciences and its many interdisciplinary fields
- Individuals that are committed to diversity and increasing opportunities for underrepresented populations
- U.S. Citizens, Permanent Residents, or DACA Recipients

**How to Apply**
- Submit an online application with responses to three short essay questions
- Two letters of recommendation must be submitted online by your references
- Upload your undergraduate transcripts as part of your online application

Applications will be reviewed on a rolling basis. Only 25 Scholar placements are available in the 2019 cohort. Early applications will receive priority consideration.

All application materials must be received by **February 15, 2019**.

Visit [www.i3-inclusion.org](http://www.i3-inclusion.org) for more information