CCSC South Central Conference 2018 Schedule
Friday, April 6, 2018

Location: Texas Christian University, Ft. Worth, Texas
William E. and Jean Jones Tucker Technology Center (TUC)
2840 W. Bowie, Ft. Worth, Texas 76129

Registration (11:00 am – 4:00 pm)
Location: William E. and Jean Jones Tucker Technology Center (TUC) 1st floor

Opening Session (1:00 – 1:50 pm)
Laurie White, Google for Education

Location: TUC 139

Concurrent Session 1 (2:00 – 3:00 pm)

Room: TUC 138 Professional Paper Session *Moderator:* J.F. Yao	Room: TUC 137 Professional Paper Session *Moderator:* Bingyang Wei	Room: TUC 353 Tutorial Session *Moderator:* Tina Johnson
• ***A Multilingual and Comparative Approach to Teaching Introductory Computer Programming*** J. F. Yao, Georgia College & State University Gongbing Hong, Georgia College & State University Chris Michael, Brookwood High School, Snellville, Georgia Lisa Phillips, Brookwood High School, Snellville, Georgia • ***A Study Of Knowledge Retention In Introductory Programming Courses*** Matthew Tennyson, Murray State University Marc Beck, Murray State University • ***Minority Student Learning With An Interactive Textbook In An Introductory Computer Science Course*** Abena Primo, Huston-Tillotson University Azubike D. Okpalaeze, Huston-Tillotson University	• ***Using Active Learning Strategies in Teaching Introductory Database Courses*** Bilal Shebaro, St. Edward's University • ***Teaching SQL: A Divide-And-Conquer Method For Writing Queries*** Gang Qian, University of Central Oklahoma • ***The Study And Investigation Of A New Form Of Active-Learning For Cs: Peer-Teaching With Videos*** Gita Phelps, Georgia College and State University Yi Liu, Georgia College and State University	• ***IoT Cybersecurity*** B. Bhagyavati, Columbus State University The Internet of Things (IoT) is an umbrella term to describe devices in everyday use that are connected to the Internet. Devices such as web cameras, programmable thermostats, and smart utility meters are considered to be components of the IoT. In the rush to innovate and provide convenience, cybersecurity of the data stored and in transit from these IoT devices has been overlooked. In this tutorial, I will present why IoT cybersecurity is critical and how to secure them by following the guiding principles of the defense in depth and the A-I-C tenets.

Break with Refreshments (3:00 – 3:15 pm) – Location: TUC 139

Concurrent Session 2 (3:15 - 4:15)		
Room: TUC 138 **Professional Paper Session** *Moderator:* Vipin Menon	**Room: TUC 137** **Professional Paper Session** *Moderator:* Eduardo Colmenares	**Room: TUC 353** **Tutorial Session** *Moderator:* Richard Simpson
• *Cybersecurity: 1) What Math Is Necessary And 2) Developing Ubiquitous Cybersecurity In Current Computing Programs* Rob Byrd, Abilene Christian University • *GenCyberScrum: Improving Cybersecurity Education Outcomes with the Scrum Framework* Bryson Payne, University of North Georgia Tamirat Abegaz, University of North Georgia • *A Comparison Of Cs Majors And Non-Cs Majors Attitudes And Practices Regarding Password Strength* Jose Cordova, University of Louisiana at Monroe	• *Enabling Research Into An Open Problem In Abstract Algebra Through Undergraduate HPC Courses* Karl Frinkle, Southeastern Oklahoma State University Mike Morris, Southeastern Oklahoma State University • *An Analysis Of Matlab's Software Performance Interfaced With High-Level C Language For Expediting Numerical Integration Techniques* Christian Ennis, Southeastern Louisiana University Lisa Kuhn, Southeastern Louisiana University Andrew Sievers, Southeastern Louisiana University Steele Russell, Southeastern Louisiana University • *Adding Game Theory Into Computer Science* Cong-Cong Xing, Nicholls State University Jun Huang, Chongqing University of Posts and Telecommunications	• *Measuring Students' Attitudes toward Information Technology* Anu Gokhale, Illinois State University The tutorial is designed to inform the audience about 1) the importance of students' attitudes and how they influence their choice of majors in college; 2) how to use the Attitude toward Information Technology Scale that has been developed and published in a peer-reviewed journal (Gokhale, et al., 2013); 3) different strategies that have been implemented as part of our NSF-funded project to have a positive impact on students' attitudes toward computing; and 4) how to adapt the proven strategies for use at different institutions and conduct further research.
Lightning Talks (4:15 – 5:15 pm) *Moderator:* Michael Kart **Location: TUC 139**		
Break with Refreshments (4:15 – 4:30 pm) – Location: TUC 139		
Student Poster Displays (4:15 – 5:45 pm) **Location: TUC 3rd Floor** **Note:** Student posters must be up by 3:00 pm		
Reception and Banquet (6:15 - 7:30) **Location: TUC Basement Lounge**		
Steering Committee Business Meeting (7:30 pm – 8:30 pm) **Location: TUC Basement Lounge**		