Conference Attendance

Dr. Eduardo Colmenares attended GTC (GPU Technological Conference) in San Jose, CA, in May. GTC is the largest for GPU developers worldwide, offering 500+ sessions covering GPU related topics, including to Scientific & High-Performance Computing, Algorithms, Astronomy & Astrophysics, Performance Optimization, Finance, Healthcare, Accelerated Analytics, & Autonomous Vehicles. The conference directly supports the Turing Cluster Computer installed in the Dept. of CMPS in Fall 2016.

Dr. Bingyang Wei participated the SEED (Security Education) workshop May 30-June 2, Syracuse Univ., NY. The 4-day workshop included a suite of instructional laboratories to be effectively used in computer security courses to enhance students’ learning. ~ Wei presented “A Comparison of Two Model Transformation Frameworks for Multiple-viewed Software Requirements Acquisition” at the 29th International Conference on Software Engineering & Knowledge Engineering, Pittsburgh, July 5.

Faculty Summer Presentation

Dr. Catherine Stringfellow presented "Emotionally Intelligent Tutoring Systems" at SAI Int'l Computing Conference in London, July. (With Dr. Dittika Gupta (EDUC), R. Mohanan) ~ Stringfellow was a reader for the CS Advanced Placement Exam in KCY, MO, June.

Region 9 Science & Mathematics Conference

COSM faculty hosted a table promoting COSM programs at the conference for pre-K--12 teachers on June 15. Workers included Ranette Halverson, Richard Simpson, Catherine Stringfellow, Cerise Wuthrich, Bingyang Wei (CMPS), Sarah Cobb, Guy Bernard, Terry McDonald (MATH), Jeong Ok, Mahmoud Elsharafi, JT Ok (MENG), Jon Price, Rebecca Dodge (GEOS).

YES Camp

Under the direction of Drs. Sheldon Wang, Yu Guo & Denise Simmons, the McCoy School of Engineering received grants for MSU Young Engineers Summer (YES) Camp: $120,000 from Arconic Foundation (2017 -2020) & $11,727 from Texas Higher Education Coordinating Board (THECB) (2017). The June camp hosted 40 student participants out of more than 100 applicants. COSM Faculty participating were Margaret Brown Marsden (Dean), Mahmoud Elsharafi, Raj Desai, Salim Azzouz, Yu Guo, Jan Brink, Jay Barnett, Jeong Ok (MENG), Ranette Halverson, Tina Johnson, Catherine Stringfellow, Richard Simpson (CMPS), Marcos Lopez (MATH), Mike Shipley (BIOL), Scott Meddaugh, Rebecca Dodge, Jon Price (GEOS), Randall Halford, Candace Fulton (CHEM), Jackie Dunn (PHYS), Grace Zhang (MIS) ~ Jay Barnett (MENG) supervised Lego Robotic construction & competition activities & helped in the closing ceremony.
20th Annual Math, Science & U Conference

The women faculty & staff of COSM hosted the 20th Annual Math, Science & U Conference for area middle school girls on Sat., Nov. 11. Twenty-four women majoring in COSM disciplines & Education assisted at the conference. A day of hands-on workshops & lots of food & fun were provided for the 86 girls & 17 teachers. Dr. Catherine Stringfellow (CMPS) served as conference chair; Dr. Michelle Knox (MATH) served as registrar. Four workshops were conducted: Dr. Robin Steininger (ENGR, graduate) & Roy Shawoon: “Don’t Blow a Gasket,” Drs. Michelle Knox & Sarah Cobb (MATH): “Secret Codes,” Raddiete Ghion (GEOS): “Watersheds,” & Dr. Stringfellow with M. Norris, A. Henry, C. Callender, S. Beaver, M. Trinh, A. Clare & S. Nagireddy (CMPS): “Coding Bugs.” Mandy Bailey (KWSO 7 News Meteorologist) was the luncheon speaker. Dr. Margaret Brown Marsden, Dean, gave the welcome. Also participating were Tricia Greear (Office of the Dean), Makenna Morton (COSM), Dr. Ranette Halverson, Dr. Tina Johnson, Cerise Wuthrich, Richard Simpson, Christina Britt (CMPS), Dr. Dawn Slavens, Lynn Jones, Sandra Belcher, Dr. Linda Fosnaugh, Denissa Pope (MATH), Dr. Rebecca Dodge (GEOS), Dr. Magaly Rincon-Zachary, Kathy Everett (BIOL), Deidre Frazier (ENGR), Dr. Dittika Gupta (EDUC), & Leslie Berryhill (Extended Education).

Texoma Mini Maker Fare

The first annual Texoma Mini Maker Faire was held October 28th at MPEC. Maker Faire is an event highlighting innovation & experimentation across the spectrum of science, engineering, art, performance, & craft. It is a gathering of fascinating, curious people who enjoy learning & love sharing what they do. The theme of MSU’s space was “MSU makes ______”, with programs across campus describing what they make in their roles at MSU. Participation includes faculty & students from MSU’s College of Science & Mathematics, Lamar D. Fain College of Fine Arts, Prothro-Yeager College of Humanities & Social Sciences, & the Robert D. & Carol Gunn College of Health Sciences & Human Services.

COSM exhibits included the following:

- Petroleum technology (Dr. Mahmoud Elsharafi)
- Virtual reality (Dr. Tina Johnson)
- Miniaturized ratchets (Dr. Jeong-Tae Ok)
- Pharmaceuticals (Dr. Randal Hallford)
- 3D Printing (Frank Bohuslav)
- Engineering Fun (American Society of Mechanical Engineers)
- Inventions (Michael Arthur Olaya)
- Methods More Modern (Watson Lab, Richard Simpson)
- Code-a-pillar Fun (Dr. Brown Marsden)

Bowie Science Night

On November 6, the Depts. of Chemistry & Computer Science traveled to Bowie Intermediate School to participate in Science Night. Dr. Chris Hansen & 4 Chemistry students set up several experiments, including disappearing ink & creating slime. Dr. Tina Johnson & student Evan Wood took 6 Codeapillars to the event. The COSM Codeapillars are used to encourage critical thinking skills in a way that is entertaining as well as educational.

Diwali

The annual Diwali celebration, hosted by the Midwestern Indian Student Association (MISA), took place in November 2017
ACM Programming Team

Professor Richard Simpson, team coach, & Dr. Eduardo Colmenares took 2 teams to the annual ACM Regional Programming Contest at Abilene Christian Univ. in November. The Kiowa team (A. Enem, A. Khalid, C. Browne) solved 5 problems & the Dakota team (T. Coleman, B. Harrelson, D. Tomei) solved 3 problems, placing the teams at 20th and 42nd places out of 73 teams from universities in LA, OK & TX, outperforming teams from OU, Baylor, Abilene Christian, LSU, TCU, & others.

Professor Publications


Intramural Research & Creative Rewards

Drs. Bingyang Wei & Tina Johnson received 2017-2018 Intramural Research & Creative Endeavors Award of $1535 for “A Tool for Transforming Software Models to Identify Missing Requirements.”

Dr. Passos Halloween Party

Dr. Passos held his annual Halloween Party on October 29th, 2017. This year’s theme was Pirates, students and Faculty alike. Unfortunately, his riddle won this year as no one was able to solve it. This year’s criminal was none other than Dr. Wei! There was a hanged man in the pirate ship who was identified as the North Korean Dictator Kim. The evidence pointing to Dr. Wei was 3 dynamite bars tied together making the letter H to symbolize a Hydrogen Bomb laying on top of a dinner plate. Dr. Wei killed him in retaliation because Kim had dropped a H bomb on China. The Clues were a ruler, to be interpreted as dictator; an international space station pin to associate Kim with rocket man; dark clothes; and a basketball, his favorite sport.
CMPS Summer 2017 Graduates

Master of Science

Mounika Akuthota
Waseem Azher
Adithya Bariki
Gayatri Bhimani
Scott David
Satya Kollipara
Mounika Madireddy
Shaila Mogalapu
Shashank Namala
Nagendra Pasupuleti
Tejaswi Prakhya
Sheema Rohi
Nanda Thineti

Bachelor of Science

Ester Edwards
Ryan Luig
Anderson Nwammadi
Shujing Zhang

CMPS Fall 2017 Graduates

Master of Science

Sai Biradhavolu
Muni Dandu
Shravani Gaddam
Keerthi Gangidi
Ashoknaidu Gedela
Ajay Kandavalli
Aditya Kankanala
Madhuchirra Kattreddy
Showrya Kollu
Steven Kundert
Jiaxing Liu
Karan Madishetty
Gyaneshwar Malba
Lavanya Mengarabonia
Shanmukh Nadella
Saikiran Nagulapally
Sowjanya Nemani
Prakriti Pandey
Krishna Saka
Mahaboob Shaik
Tejaswi Singam
Olayinka Soyinka
Nikhil Vangeti
Thejaswini Vootkuri

Bachelor of Science

Abdullah Alathel
Amador Escatel
Victor Nnabuenyi
Christian Norfleet
Joshua Regino
Johnny Tran

Bachelor of Arts

Jereme Webb

DONATIONS

Donations made to MSU can be specifically designated for the Computer Science Department.