



IEEE Memphis Section Report

Yuri Quintana, PhD

August 18, 2011

Member Engagement Activities

- Technical Seminars from 3 active societies: Power society, Computer Society, and Engineering in Medicine and Biology Society
- Six section technical meetings this year (two per society). One meeting per month rotating between the technical societies
- Sponsored SPAC Career evening for students and professionals with speakers on career development topics (<http://spac.ieeecbu.org>)
- Social – end of year social – summer BBQ (Memphis has best BBQ!)
- We grew! We have 526 members (net gain of 10 for the year)
- 300 are new members in last year (high turnover!)



Student - Professional Awareness Conference
Date: Friday, February 18, 2011
Time: 4:30 PM
Venue: Center for Southern Folklore, Memphis



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Event Schedule

4:15 - 4:30	Registration for the Presentation for Professionals (Students Welcome)
4:30 - 5:30	"Contagious Networking for Professionals" (1-PDH) by Shali Atkinson (Students Welcome)
5:30 - 6:00	Student Registration and Networking
6:00 - 6:05	Opening
6:05 - 7:05	"Ethics" (1-PDH) by Patrick Crowley
7:05 - 7:35	Break and Dinner
7:35 - 8:35	"Contagious Networking for Students and Entry into the Workplace" by Shali Atkinson
8:35 - 9:30	Closing Remarks and Networking

Section activities focused outward

- Supported local student IEEE chapters
 - University of Memphis
 - Christian Brothers University - High energy, very active
 - Ole Miss
 - University of Tennessee – Martin
 - Union University - Jackson, TN
- Mentored Student Robotics Teams (US First)
- IEEE members gave talks at local schools and Boy Scout troops
- Gave engineering talk at regional education conference for teachers (Martin Institute Conference)
- Supported creation of the Mid-South STEM Alliance to promote Science, Technology, Engineering and Math (Y Quintana board member)



Memphis First Teams

News and Info for the Memphis US FIRST Community

[Home](#) [Forums](#) [FRC 2011 Game](#) [Useful Info](#)

First Lego League Meeting!

Aug
12
2011

Posted in **US First in Memphis** by **Dan Kohn**

TrackBack Address.

If you are interested in starting a FIRST Lego League Team, we will be holding a FIRST LEGO League Interest Meeting on Thursday, August 25 from 3:30 pm.- 5:00 pm at the Teaching and Learning Academy, 2485 Union Avenue. The meeting will be held in the Multipurpose Room, downstairs. You will have the opportunity to speak with local and state leaders that work with Lego Teams as well as sign up your team, if you wish. For the first time a state **Lego Competition will be held here in Memphis**, in the month of December. The Tennessee Society of Professional Engineers is sponsoring the event. This will be an annual event. Teams only have 8 weeks to build their robots and get ready for competition. Please visit the [US FIRST website](#) for more information.

Sponsors



Medtronic
When Life Depends on Medical Technology

Stull City Robo #2817
Cordova #3227
Horn Lake #3411
St Mary's #3586



TENNESSEE
DEPARTMENT
OF EDUCATION
Race to the Top

Harrison #3781
Kingsbury #3806
Cragmoor #3516



Fairley #3214 [www.memphiscityschools.org](#)

Search

<http://memphisfirstteams.org/>

Memphis Robotic Teams



For more information on Memphis FIRST Teams, please contact Daniel Kohn at dekohn@memphis.edu , Assistant Professor, Engineering Technology, University of Memphis

<http://blog.dankohn.info/?cat=4&paged=2>

Mentoring Young Students

Mentoring Boy Scouts about Engineering



Navy Mentors Future Engineers
Summer Camp Experience



Engineering Scout Badge



- [engineering merit badge scoutstuff.org](http://scoutstuff.org)

Mid-South STEM Alliance

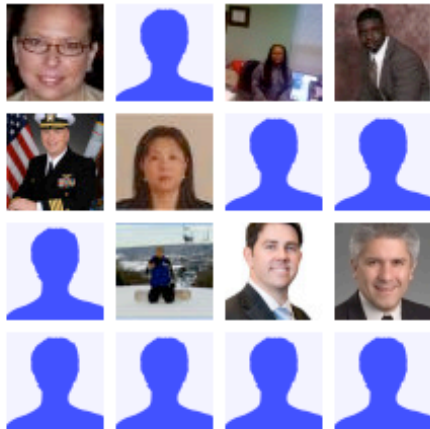
Supporting Science, Technology, Engineering and Mathematics in the Mid-South

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This website will disseminate information on Mid-South STEM activity and provide a collaborative workspace for STEM groups and advocates.

Members



WordPress

midsouthstem



MSSA Mission, Vision and Guiding Principles

179 days ago

Mission: We will establish the Mid-South as a STEM center of excellence by leading a collaborative approach to STEM talent development that brings together the voices of government, business, and education. We will improve the quality and outcome of science, technology, engineering, and mathematics (STEM) education by building an education innovation infrastructure that fuels, captures and [...]

Mid-South's bioscience future bright

206 days ago

Memphis' biotech industry is well-positioned to be a player in the growing personalized medicine industry, mainly due to the city's logistical industry. During a luncheon hosted by Memphis Bioworks Foundation Thursday, Simon Tripp, senior director of Battelle Technology Partnership Practice, said the city could have a serious advantage in biomedical logistics, which includes the device [...]

Welcome to
Mid-South STEM Alliance

[Sign Up](#)
or [Sign In](#)

Events

[2011 Mid-South
Technology Conference](#)
December 8, 2011 to
December 9, 2011 - [Cook
Convention Center](#)

[+ Add an Event](#) [View All](#)

Notes

[NBC Education Nation
Town Hall Meeting](#)
NRC News hosted the

<http://midsouthstem.ning.com/>

Barriers

- Low numbers of volunteers (but we have a core set of dedicated volunteers)
- Inconsistent number of attendees at technical meetings
- Web Site update is inconsistent and not easy (webmaster staff turnover)
- Generating list of current IEEE regional members not easy (need to have their society memberships)
- Need an email management tool like constantcontact that keeps track of % emails opened and emails that bounced
- Need audio and web conferencing solution for networking members who can not attend in person (Does IEEE have a software we can all use).