

From: Amy L de Jongh Curry (adejongh) adejongh@memphis.edu
Subject: FW: [IEEE R3] Memphis Section Report
Date: March 17, 2014 at 8:38 AM
To: Gregg Vaughn g.vaughn@IEEE.ORG, r3-excom2014@IEEE.ORG, sec-r03@IEEE.ORG

To: IEEE Region 3
Re: IEEE Memphis Section, March 2014
From: Yuri Quintana, Past Section Chair 2013, Amy de Jongh Curry Chair 2014, Drew Wellman Vice Chair 2014.

Executive Committee for 2014

Amy de Jongh Curry, Chair 2014
Drew Wellman, Vice Chair 2014
Renee Stoll, Treasurer
Daniel Kohn, Secretary

Website: <http://www.ieeememphis.org>

Goals for 2014

- Provide value to Section members by delivering quality technical, professional development, social experiences
- Support the student chapters
- Provide support to local K-12 STEM activities
- Increase involvement of Memphis area IEEE Members

Milestones for 2014

- Meet all meeting requirements for chapters and affinity groups
- Provide financial support to student chapters and encourage participation in SoutheastCon
- Recognize IEEE Memphis engineers at awards
- Hold S-PAC event
- Hold at least one major social event
- Have PACE, WIE, GOLD and STEM Outreach program

Obstacles for 2013-2014

- Engaging current members
- Finding new volunteers for EXCOM

Issues requiring action by the Region 3 ExCom or Committee

- none

Section activities for 2013-2014 to date:

Highlights of IEEE Memphis 2013

IEEE Memphis launched two new affinity groups: IEEE GOLD and IEEE WIE Memphis.

The student branch held 2 S-SPAC Conferences in 2013.

IEEE Memphis had a very strong STEM outreach to local schools and hosted 2 robotic competitions.

3 IEEE Memphis engineers were nominated to IEEE USA Awards.

On Monday December 16, 2013, IEEE Memphis held an End of Year Social Dinner to thank volunteers.

IEEE Memphis Women in Engineering (WIE)

On March 2013, the IEEE Memphis WIE new affinity group was formed and chaired by Divya Choudhary.

On November 15, 2013 IEEE Memphis WIE Group will host a 'Women in STEM Panel' discussion. Panelists include women from the industry and academia. They will discuss various topics such as their career path, workplace challenges, career transition advice, importance of networking and work/life balance followed by Q&A session.

IEEE Memphis Gold Event

The IEEE Memphis section of Graduates of the Last Decade (GOLD) held a social event at a local Memphis restaurant on Thursday, June 27th, 2013 as an opportunity to meet and network with fellow GOLD members and to develop upcoming events aimed at enhancing professional skills for new and recent graduates. If you are interested in being more active with your local GOLD group, contributing your input to future events, or just want to get to know other recent graduates, contact Drew Wellman at andrew.wellman@stjude.org to express interest.

Highlights from Student Branches

Since 2007 the IEEE Memphis Section joined forces with 6 engineering schools, 5 engineering disciplines, and a host of professionals and volunteers to organize the region's first Student-Professional Awareness Conference (S-PAC).

On Friday April 26, 2013, IEEE Memphis students held an S-PAC conference at the Memphis Zoo.

Speakers were Mark Zurkammer, Founder, The CT Groups, and Maria Teresa Lensing, Vice President, Signature Client Group, AT&T.

The CBU Student Branch and the University of Memphis Student Branch of IEEE hosted a resume and interview work shop at CBU on Saturday, October 5th, 2013.

IEEE students participated in the IEEEExtreme computer programming contest in October 2013.

On November 8, 2013, the S-PAC conference was held with the following keynote speakers: "Art of Communication" - Rep. Pat Nelson, Mississippi House of Representatives and "Practice of Innovation" - Dr. Ben Amaba, Worldwide Executive, IBM Corporation.

IEEE Memphis Computer Society talks

On Friday March 22, 2013 IEEE Computer Society hosted two talks on Software Development and Project Management Tools. The first talk entitled "Agile Software Development with Pivotal Tracker" was given by Tim Lowrimore.

On Saturday, 21 September 2013, IEEE Guatemala Section connected online with IEEE Memphis Section to discuss how online technologies are being used for global collaborations to support the treatment of children with cancer. Yuri Quintana, Ph.D., IEEE Memphis Section Chair, presented to the IEEE Guatemala student section and professional section on the St. Jude Children's Research Hospital's Cure4Kids online platform <http://bit.ly/TCxIOZ> is being used for global education and collaborations. Dr. Federico Antillon from the UNOP Guatemala cancer clinic also joined online meeting to discuss the future expansion of UNOP. Thank you to Jorge Top, IEEE Student Guatemala section chair, for arranging for the virtual meeting via Cure4Kids.

On September 12th, 2013 IEEE Memphis hosted two great talks on Life Sciences Discovery presented by the IEEE Memphis Computer Society and hosted at St. Jude Children's Research Hospital. The first talk was "The Hartwell Center: Genomics technologies for biomedical research" by Geoffrey Neale, PhD, Administrative Director Genomics, Hartwell Center for Bioinformatics & Biotechnology <http://www.hartwellcenter.org> at St. Jude Children's Research Hospital <http://www.stjude.org>, and the second talk was entitled "Application of text-mining method to genomic research and medicine" Ramin Homayouni, PhD, University of Memphis and Quiredata <http://quiredata.com/>.

IEEE Memphis Computer society hosted on October 22, 2013 a talk on IEEE Software Standards entitled: "Introducing ISO/IEEE 29119 Software Testing Standard" by Jon D. Hagar — Principal, Grand Software Testing, Colorado, and IEEE Standards Group.

IEEE Memphis Engineering in Medicine and Biology talks

IEEE Memphis EBMS held seminars talks in collaboration the University of Memphis and University of Tennessee.

IEEE Memphis Power Society Talks

In April April 9 2013, Tennessee Society of Power Engineer and IEEE Memphis held a joint event hosted by Allan Long, P.E., F.NSPE. Allan's topic was "Model Lighting Ordinance and the new Memphis and Shelby County Unified Development Code "

PACE - Community STEM Outreach

On February 19, 2013, IEEE Memphis held a STEM Workshop for Shelby County Teachers. The STEM (Science, Technology, Engineering, Math) Education presentation was given by IEEE Volunteer, Frank Niedzwiedz, PE, who gave an overview of the First Lego League Competitions in Memphis area. Yuri Quintana, PhD, IEEE Computer Society Chair presented IEEE's Websites TryEngineering.org program, TryNano.org and TryComputing.org.

IEEE Volunteers helped with the local Mathcounts competition during engineering Week (Feb 2013). - Daniel Kohn, IEEE Memphis Secretary was awarded the featured Engineer during Engineering Week Celebration (February 2013).

A robotics camp for children health was held at the Memphis Children's Museum (3/11/13-3/15/13) with IEEE students working as teaching staff and mentors.

On September 24, 2013, IEEE Memphis held a STEM Career booth at SouthWind High School Career Fair

IEEE Members organized a very successful robotic workshop held at Christian Brothers University. The workshop included introduction to FIRST Lego League, a Robot Programming Lab, and a Math and Science of the Robot. There were 28 teachers, coaches and mentors who attended the workshops. Congratulations to all the students and professional members on this hugely successful event.

On December 8, 2012, The West Tennessee FLL (pilot) Championship was successfully held this Saturday December 8, 2012. The event was attended by 210 competitors divided among 26 teams. Three robot mission rounds and judging sessions for Core Values, Project Presentation, and Robot Design. A group of 12 judges and 4 referees narrowed the field to the final winners. Congratulations to all the participants and volunteers. The 1ST Place Champion was team 5335 – Electric Eagles Gold – Northeast Middle Schl; Clarksville, TN, and the 2ND Place Champion was team 7265 – Dolphins – Della Davidson Elementary Schl; Oxford, MS.

On July 30, 2012, Yuri Quintana, Ph.D., IEEE Memphis Section Chair and Director for Education and Informatics at St. Jude Children's Research Hospital was awarded an IEEE Foundation grant entitled "Inspiring Emerging Engineers Explore Life Sciences". This project is in collaboration with St. Jude Children's Research Hospital and IEEE members in Memphis and Los Alamos section. This project (IEEELS) will develop interactive multimedia to teach students and members of the public about

bioinformatics and supercomputing in the context of cancer genetics. The project will be completed in June 30, 2013.

Awards

3 IEEE Memphis engineers were nominated to IEEE USA Awards.

Social

On Monday December 16, 2013, IEEE Memphis held an End of Year Social Dinner to thank volunteers.

-----Original Message-----

From: sec-r03@ieee.org [mailto:sec-r03@ieee.org] On Behalf Of Gregg Vaughn

Sent: Tuesday, March 11, 2014 7:53 AM

To: r3-excom2014@IEEE.ORG; sec-r03@IEEE.ORG

Subject: [IEEE R3] Region Committee Meetings, 14-16 March 2014

Hi,

If you are a current chair of an IEEE Section in Region 3, please submit your report for the Region Committee Meeting at SoutheastCon 2014 according to the guidelines here.

<<http://ewh.ieee.org/reg/3/excom/meetings/2014-03/r3rptgls.html>>

If you are a voting member of the Region 3 ExCom and you have not already submitted a report in March, please do so before SoutheastCon 2014 according to the guidelines here.

<<http://ewh.ieee.org/reg/3/excom/meetings/2014-03/r3rptgle.html>>

By now you should have already registered for the conference, made your travel arrangements, and made your hotel reservations. However, we want every Section in Region 3 to be represented if possible. The expenses of one representative from each Section designated by the Section Chair will be paid by the Region according to the Region 3 Travel Policy.

<<http://ewh.ieee.org/reg/3/excom/meetings/travelpolicy.html>>

Gregg Vaughn

IEEE Region 3 Secretary (2014)

