

SWE Memphis Newsletter

Society of Women Engineers Memphis Professional Section

Celebrate SWE Memphis on February 23, 2017

Special points of interest:

- The Society of Women Engineers (SWE) is the world's largest advocate for all women in engineering and technology.
- The Society of Women Engineers inspires women to achieve their full potential as engineers and leaders.
- SWE Memphis serves professional Society members in the greater Memphis metropolitan area.

Join us on Thursday evening, February 23, 2017 from 5:30-8:30 p.m. at the Double Tree Hotel in East Memphis to celebrate Memphis having received a charter for a Society of Women Engineers professional section.

The event, which appropriately takes place during National Engineers Week, is intended to raise area awareness of SWE Memphis ("SWE are 901"), the SWE mission and goals, and benefits of membership to both individuals and engineering companies.

Join us at 5:30 p.m. for networking during the social hour, and dinner at 6:30 p.m.

Speaking during the event will be former SWE President Col-

leen Layman and Medtronic Vice President of R&D Tommy Carls.

The event is intended for area Engineering and Technology company executives and their leadership teams, and SWE Memphis members and their allies.

Bring your co-workers and Celebrate SWE Memphis!

Event tickets and event sponsorships are available on Eventbrite.com:

<http://celebrateswememphis.eventbrite.com/>



Join us to Celebrate SWE Memphis on Thursday, February 23, 2017 5:30–8:30 p.m. at the Double Tree Hotel in East Memphis.

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Let's Go To The Movies!

SWE Memphis is proud to present a viewing of the movie "Hidden Figures" on MLK Day, January 16, 2017 from 9-11 a.m. at the Malco Paradiso Theater (584 South Mendenhall Road, Memphis). In the movie, based on real life events, a team of African-American wom-

en provide NASA with important mathematical data needed to launch the program's first successful space missions. This is sure to be an inspiring movie for teenagers interested in STEM and parents who encourage them.

Click here to purchase tickets: <https://www.eventbrite.com/e/hidden-figures-movie-ticket-sales-swe-memphis-tickets-29838156730>



Professional Engineers supporting collegiate engineering students on how to get the most out of engineering conferences.

Advising Collegiates on how to navigate Engineering Career Fairs

On October 21, 2016 SWE Memphis hosted its second annual "SWE Conference 101" at the University of Memphis, designed to help engineering students get the most out of engineering conferences for professional networking and job seeking.

The event included mock interviews, resume feedback, advice on appropriate conference attire, email etiquette, social media advice and tips on how to navigate the career fair.

Professional engineers volunteered for the event from seven area engineering firms (BASF, Medtronic, Microport Orthopedics, PepsiCo, Smith Seckman Reid, Smith and Nephew, and ThyssenKrupp) as well as engineering professors from the University of Memphis and Christian Brothers University,

Participants said they felt better prepared to get the most out of their upcoming engineering conferences.

Thanks are due to event leader

Lauren Harrett Thornton of Smith Seckman Reid for pulling together another successful "SWE Conference 101" event.

"The Society of Women Engineers inspires women at all stages of their careers and lives to achieve their full potential as engineers and leaders."

Engineering is one of the most rigorous undergraduate curriculums and it is a rare engineering student who doesn't fall into the valley of despair at least once on the road to an engineering degree.

A panel of professional engineers and engineering upperclassmen met with engineering freshmen at the University of Memphis on September 8 and

at Christian Brothers University on November 16, 2016 to encourage students to "Stick with it!"

The panel shared tips on how to survive a challenging engineering curriculum, how to bounce back from a tough exam grade, and how to secure an internship.

Special thanks are due to Cate Donaldson of Medtronic for

organizing the panel series.

Kicking off Year 4 of the Middle School Robotics Program



Over 150 area middle school students are participating in the SWE Memphis Middle School Robotics Program in 2017.

SWE Memphis kicked off the fourth consecutive year of its Middle School Mindstorm Program on October 22, 2016 with a Mentor training session hosted by Smith and Nephew.

This year the program has grown to over 150 student participants and that requires a small army of mentors.

The program is intended to provide role models to students to expose them to the diversity of STEM professionals and career opportunities.

Special thanks are due to teachers, parents, and volunteers and mentors from these area organizations: Brunner Printing, Kiewit, Medtronic, Wright Medical, Shelby County

Schools, Smith and Nephew, ThyssenKrupp, and the Tennessee Valley Authority.

Interested in participating as a program mentor, volunteer and/ or sponsor? Visit www.swememphisrobotics.com

Memphis well represented at SWE Annual Meeting

The SWE Annual Conference (“WE16”) is the world’s largest conference and career fair for women in engineering and technology.

SWE Memphis was well represented at WE16 in Philadelphia October 27-29, 2016. Twenty area members attended and several of these were conference speakers:

- Julia Alspaugh of Wright Medical shared tips for today’s global engineers
- Lauren Harrett Thornton advised a standing room only audience on how to secure an internship and turn it into the career of your dreams
- Shannon Vittur of Medtronic spoke on the topic of “Strategic Communications: How to Say the Right Thing at the Right Time”
- Sharon Rozzi of Medtronic spoke to managers about how they can build women supporting habits into their

daily work routine

Many, like Desta Werner of Medtronic, inspired the next generation of engineers at the conference Event it! Build it! engineering hands on fair.

Interested in participating in WE17 in Austin, TX? The call for presentations is open until March 10, 2017. Click here to learn more.: <http://societyofwomenengineers.swe.org/learning/393-conferences-slide/5071-save-the-date-for-we17>



Twenty SWE Memphis members attended the SWE Annual Conference in Philadelphia, PA October 27-29, 2016.

Developing Your Professional Network

The SWE Memphis Professional Development Committee held a panel discussion on October 13, 2016 at the Junior League’s Community Resource Center on the topic of developing your professional network.

The event, moderated by event leader Helene Rynczak of Smith and Nephew, featured a diverse panel of professional engineers.

The panel discussed how to be

deliberate about networking by beginning with the end in mind (the outcomes from the networking interaction), crafting your elevator speech and establishing a connection through commonality.

The Panelists included Alison Powers of ThyssenKrupp, Dr. Amy Curry of the University of Memphis, Jeremy Black of Medtronic and Heather Partain of

Smith and Nephew.

The event was immediately followed, appropriately, by a SWE Memphis’ networking event at R.P. Tracks.

“Networking is the deliberate process of exchanging information, resources, support and access in such a way as to create mutually beneficial relationships for personal and professional success.”
- from “Make Your Contacts Count”

Partnering with the Girl Scouts

SWE Memphis has partnered with the Girls Scouts on two events this fall.

On October 30, 2016 we joined FedEx volunteers for the “Stand Beside Her Celebration” at Belle Forest Community School. The “Stand Beside Her” movement is intended to inspire a world where girls are appreciated for their talent, strengths and

uniqueness. SWE Memphis member Shilpa Appurubugatha of FedEx led a hands-on STEM activity during the event.

On November 12 SWE Memphis joined the Girl Scouts G.I.R.L. Event 2016, a celebration of go-getters, innovators, risk-takers and leaders, at the Memphis Cook Convention Center.

SWE Memphis members lead a hands-on activity related to building a prosthetic arm. Thanks are due to SWE Memphis K-12 Outreach Chair Kay Cooper for organizing the event and the many volunteers who staffed the event booth.



Girl Scouts got a taste engineering at the SWE Memphis booth at the G.I.R.L. Event 2016.



The Society of Women Engineers (SWE) is the world's largest advocate for all women in engineering and technology. The Society champions the value of diversity by being a catalyst for change. SWE inspires women to achieve their full potential as engineers and leaders. The Society will be there for women as they seek to be their authentic selves through all stages of their careers and lives. SWE Memphis serves professional Society members in the greater Memphis metropolitan area. The Society of Women Engineers is a not-for-profit educational and service organization.

Aspire / Advance / Achieve

Contact Us:

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Follow SWE Memphis on the web and in the social media:

www.memphis.swe.org



Upcoming Events... Get Involved!

Join SWE Memphis and get involved in our upcoming events. You can join by visiting www.swe.org/membership.

Our upcoming events include the following:

January 16, 2017, "Hidden Figures" Movie showing at the Malco Paradiso. Click here to purchase tickets: <https://www.eventbrite.com/e/hidden-figures-movie-ticket-sales-swe-memphis-tickets-29838156730>

February 23, 2017, "Celebrate SWE Memphis" from 5:30-8:30 p.m. at the Dou-

ble Tree Hotel in East Memphis. Click here for tickets: <http://celebrateswememphis.eventbrite.com/>

March 9-10, 2017, SWE Region D Conference at Georgia Tech in Atlanta. Learn more by clicking here: <http://regiond.swe.org/region-d-conference.html>

April, 2017, SWE Collegiate Engineering Expo!

Locate specific event information by visiting our website calendar on

www.memphis.swe.org or our SWE Memphis Facebook page

Interested in volunteering for any of the events listed here? Send us an email at swememphisprof@gmail.com



Join us on January 16, 2017 for a special showing of the "Hidden Figures" movie at the Malco Paradiso Theater.