

SWE-SCMI

Website! <http://southcentralmichigan.swe.org/>

Also join our FB group! [SWE South Central Michigan](https://www.facebook.com/SWESouthCentralMichigan)

And we have a new Linked In page!! <https://www.linkedin.com/grp/home?gid=8393404>

September 2015

Volume FY16, Issue 2

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Quick Notes:

- ◆ Make sure to add our admin email to your safe senders' list so you don't miss out on any new/activities!
scmi.swe@gmail.com
- ◆ Check out our Calendar of Upcoming Events (back page) and make plans to join us!
- ◆ Get more out of your SWE membership by volunteering for one of the many opportunities to get involved!

Tour of the Eaton Proving Grounds!

On September 14th, SWE SCMI had the opportunity to tour the Eaton Proving Grounds in Marshall, MI!

We had a blast touring the proving grounds and getting the chance to:

- Drive a dump truck and a freightliner with Ultrashift transmissions
 - Learn all about Eaton Elockers that provide full axle lock capability while off-roading in a GM Hummer H2
 - Drive on a 20% grade in a Chevrolet Silverado to experience direct-acting Elockers
 - Accelerate 0-60 mph in 5.7 seconds in a Supercharged Audi A6!
- Thank you to Ben Meikle, Jessika Yankovic, and Eaton for hosting this amazing opportunity!



Announcement: SWE SCMI is now Linked In!!!

SWE SCMI now has a new Linked In page!!!

To request membership to the group, please click on the below link!

<https://www.linkedin.com/grp/home?gid=8393404>

Follow us on



August Social: Kalamazoo Cheese Lady

SCMI-SWE section had the first social event for the FY2016 SWE year in August! We shared many laughs, met new friends, and learned about cheese from Terry at the Cheese Lady Shop!



Be sure to join us for our next social event in October at **Arcadia in Battle Creek!** Be on the look-out for a calendar invite!

Volunteer Opportunity: WMU Resume Night!

SWE SCMI will be volunteering to review resumes for Western Michigan University college students on September 29th from 5:30-7 pm to help them prepare for the WMU career fair! Volunteers will be reviewing resumes from engineering students, as well as giving tips and advice for successful job fair participation and interviews.

If you are interested in volunteering, please contact Christina Lincoln at Christina.lincoln@kellogg.com by September 22nd!

You can also sign up at this link:

<http://www.signupgenius.com/go/30e0c4caca22a1f49-wmuswe>



**WESTERN MICHIGAN
UNIVERSITY**

Letter from the President: Technology Changes

Just recently, my company started migrating to the Cloud and implementing the latest and greatest, Office 2013. I don't know about you but I cringe when I hear of updates to programs I frequently use. Also, I am not tech-savvy so I use what I know, like pen and paper, and don't venture out to try new tools. However, change is happening because the technology will keep coming. I have two choices, embrace it and learn how I can use it or keep operating where I am at. Against my non-techy-life, I am trying to embrace the changes and learning about new tools. I am starting small with trying to use OneNote and I have hopes that it will help me be more organized, resulting more efficient work. I also looked in SWE's webinar vault to see what technology focused learnings they have offered. I came across "How Tablets, Apps, and the Clouds are changing the Way Engineers Work" by David Knezevic which aired in 2013. In this webinar, David shares the potential for using the Cloud for heavy computing and highlighted the readiness of apps to help in your work vs. referencing text books. David referenced just a few apps that engineers can leverage to help them in their job.

Data Look up Apps

Mechanical Reference Library
iEngineer (screw and bolt info)
CADENAS PARTsolutions

Engineering Calculation Apps

Stress Concentration Factors Pro
Thermal Analysis Approximator
iCircuit

Data Look up Apps

Foundation
AutoCAD WS
FingerCAD

David also discussed high-performance computing (HPC) and how companies don't have to be hindered by having super computers anymore with the increasing readiness of data centers. Finishing the webinar, he highlighted the Cloud and supporting technologies support global collaboration. As demonstrated by Procter and Gamble's Open Innovation policy: "Times have changed, and the world is more connected... There are millions of scientists, engineers, and other companies globally. Why not collaborate with them? We now embrace open innovation." Peter also mentions GrabCAD which is a social network for CAD and has over 780,000 members to collaborate on designs and give design challenges to each other.

Are you taking time to learn about new tools and technology to help you do your job more efficiently? If not, take some time and invest in yourself. If you have, please share how you have leveraged technology to help you in your job.

Tech-on SCMI-SWE!

Elizabeth Fuhrman



Join us for the October Webinar: Managing through Influence: Communication Skills Around Accountability, Conflict, and Candor

One of the most important jobs of any manager is to oversee effective execution of a company's strategic priorities. High performance project management requires strong proficiency and competency to align four vital areas: vision, process, people and metrics. In this webinar series, participants will have an opportunity assess their abilities in each domain and learn best practices to improve them. A final module will cover how to spot and address threats and breakdowns in implementation. The session is geared to mid-level managers with at least some experience working on or leading project teams. In this session, we will review:

- The importance of candor: how do you balance professionalism, politics and straight talk? Especially when managing up
- Setting expectations – the truth about "holding someone accountable"
- Dealing with [healthy] conflict – how to surface, address and resolve differences through effective communication

When is the event?

Tuesday, October 13th, 2015 @ Perrigo (Allegan, MI)

Dinner (\$10) @ 5:30pm, Webinar & Discussion @ 6pm

Mark Your Calendars for the Youth Symposium Outreach!

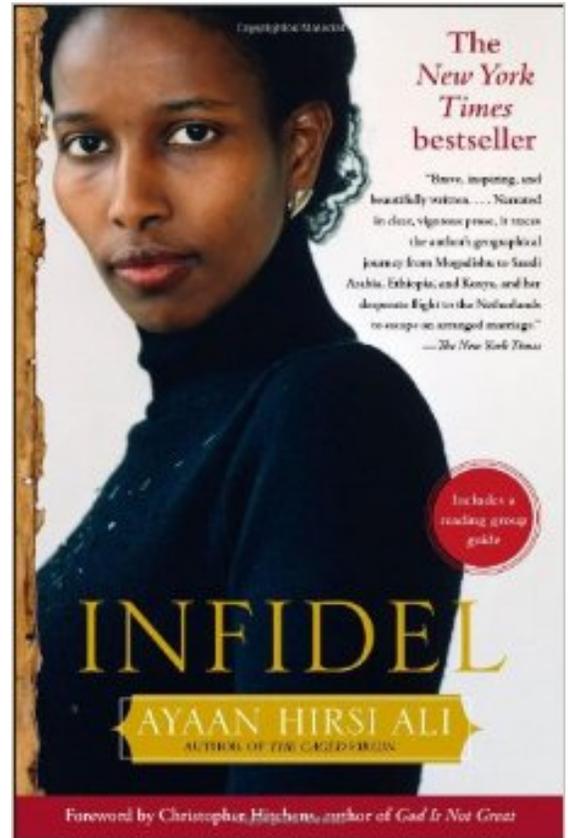
Mark your calendars for our annual STEM outreach event - the Youth Symposium on **March 12th, 2016!!** Sigma Gamma Rho has asked SCMI SWE to partner with them again in 2016 to deliver a STEM outreach event for girls in 3rd through 12th grade. The event is focused on engaging and inspiring a diverse group of young girls in math and science related topics. SWE volunteers provide the morning programming starting with introducing themselves, their STEM careers and educational background, and then leading the youth through various STEM related activities. It has always proven to be a fun filled morning with the girls asking for morenot to mention the rewarding feeling the volunteers get from igniting the possibilities for them! Please consider joining us to learn together while having fun!



Get excited for Book Club! Our next book is...

The next book for book club has been chosen and it is.... "Infidel" by Ayaan Hirsi Ali! The book is an autobiography, and can be purchased on Amazon for less than \$10! Here is a description of the book:

"*Infidel* shows the coming of age of this distinguished political superstar and champion of free speech as well as the development of her beliefs, iron will, and extraordinary determination to fight injustice. Raised in a strict Muslim family, Hirsi Ali survived civil war, female mutilation, brutal beatings, adolescence as a devout believer during the rise of the Muslim Brotherhood, and life in four troubled, unstable countries ruled largely by despots. She escaped from a forced marriage and sought asylum in the Netherlands, where she earned a college degree in political science, tried to help her tragically depressed sister adjust to the West, and fought for the rights of Muslim women and the reform of Islam as a member of Parliament. Under constant threat, demonized by reactionary Islamists and politicians, disowned by her father, and expelled from family and clan, she refuses to be silenced."



The dates are still tentative, but the book club will likely meet on a Tuesday in early November—stay tuned and start reading!

Call for Volunteers: 2016 AirZoo Corporate Engineering Challenge!



Planning for the next SWE AirZoo Corporate Engineering Challenge will be underway soon! The tentative date for the event is Saturday, February 20th, 2016. There are plenty of awesome volunteer opportunities available, so if you are interested in helping with this fantastic event, please reach out to Jessika Yankovic (JessikaYankovic@Eaton.com) or Corrine Kupstas (Corrine.kupstas@perrigo.com)!

FY16 Planning Calendar—Look for emails and flyers for details!

September 2015

- WMU Resume Night: September 29th, 5:30-7 pm at Western Michigan University
- The Region H “Heartland Annual Round Table” (HART) Leadership Summit will be held in Milwaukee, WI on Sept 25-26. For more information, please visit the Region H website: <http://regionh.swe.org/hart-leadership-summit.html>

October 2015

- Monthly Social Event: Arcadia Brewing Company, Battle Creek, MI
- Professional Development Webinar and Discussion: October 13th
- The SWE National Conference will be held in Nashville, TN on Oct 22-24. For more information, please visit the website: <http://we15.swe.org/>



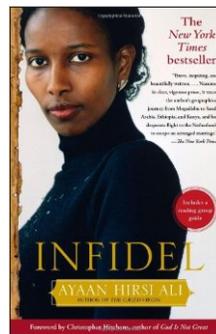
November 2015

- Monthly Social Event: Java Joint, Mattawan, MI
- Book Club and Discussion: Infidel



December 2015

- Community and/or Holiday Service Project



January 2016

- Monthly Social Event: Koffee Klutch, Galesburg, MI
- Murder Mystery Event at Henderson Castle



February 2016

- Monthly Social Event: One Well Brewing Company, Kalamazoo, MI
- Women’s Panel, hosted by Eaton
- AirZoo Engineering Challenge: February 20th
- Regional Conference



March 2016

- Monthly Social Event: Battle Creek Moonraker, Battle Creek, MI
- Zingerman’s Creamery Tour
- Youth Symposium Outreach: March 12th



FY16 Planning Calendar, cont

April 2016

- Monthly Social Event: Lawton Barn Brewers, Lawton, MI

May 2016

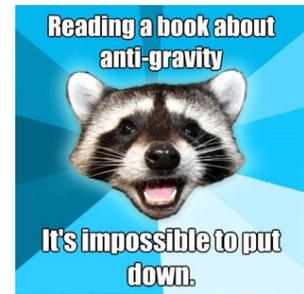
- Speed Networking Event

June 2016

- Monthly Social Event: Dark Horse Brewing Company, Marshall, MI
- Book Club and Discussion

July 2016

- Family Fun Event



Please note that all of these events (with the exception of those that have dates already specified) do not yet have dates and are subject to change. Keep an eye out for emails and calendar invites for final event dates, times and details!

A note about Calendar Invites and Event Sign-Ups...

There are so many amazing opportunities for networking, outreach, volunteering, personal and professional development coming up with SWE SCMI in FY16!

Based on feedback from members, we are changing how we are advertising and RSVPing for events. From now on, you can expect to see an email from scmi.swe@gmail.com with details about the event, a contact person for questions, and a link to a Sign-Up Genius site that will allow you to RSVP to the event. When you sign up for an event, the Sign-Up Genius will then send you a calendar invite!

We are hoping this new way of advertising and RSVPing for events will be less confusing for both the organizer and the attendees than it has been in the past. If you have questions about this new process, please email scmi.swe@gmail.com.



SWE-SCMI



Society of Women Engineers
South Central Michigan Section
<http://southcentralmichigan.swe.org/>
Headquarters: <http://swe.org>



We're on Facebook!

<https://www.facebook.com/groups/swe.scmi/>

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Member Highlights!

This section is reserved for highlighting when members are achieving successes in the workplace! The amazing success that have been achieved by SWE SCMI members in the last few months are:

- **Gretchen Merkel** has accepted a developmental assignment in the Kellogg's Grand Rapids Bakery as an Operations Supervisor! This move is in an effort to build her skills in operations and strengthen her understand of Supply Chain. Congratulations to Gretchen on her new role!
- **Sylvia Schonauer** has been elected to chair the Region H Nominating Committee this year for SWE! Congratulations to Sylvia for her new elected position!

Please send an email to scmi.swe@gmail.com to submit your career success so that we can celebrate with you! If you submit a career success for this column, you will also be entered into a drawing for an awesome prize! The winner of the prize for this edition is... **Sylvia Schonauer!** Congratulations! She won a gift basket of infused oils and vinegars from The Pantry in Portage!

Call for Event Sponsors!

There are still plenty of opportunities to expand your leadership and networking skills by becoming an event sponsor! Each event that SWE SCMI has planned for FY16 needs an event sponsor, and the event sponsor would be responsible for organizing their event and following a check-list laid out by the leadership team to make sure we capture all of the awesome events that we do!

The planning calendar for FY16 is on pages 5 and 6! If you are interested in becoming an event sponsor for any of these events, please email our SWE SCMI gmail account:

scmi.swe@gmail.com!