



ISPE®

Midwest Chapter

Winter 2019



President's Message Beth Brock CRB

Fellow ISPE Members,

I hope your year is off to a great start and business is good! If the weather is any indication, 2019 could be a very interesting and dynamic year!

I am excited about the Midwest Chapter's plans for the year, which include kicking off a Women In Pharma committee, starting at least one additional student chapter, and ramping up the number of Young Professional events we will be hosting in our chapter. We will continue to offer regional networking, educational, and dinner events in the Kansas City, Omaha/Lincoln, St. Louis, and Minneapolis areas.

We are having Tech Ed Day once again at Arrowhead Stadium followed by tailgating and a Royals game. Mark your calendars for **Wednesday, May 15**. We're hoping for better weather than we've seen in the past two years. Registration for Vendors and Attendees is now open. Royals tickets are limited so register early! **You can click the link here to sign up.**

We would also like to replicate the pilot "Lunch and Learn" we held last year at Boehringer-Ingelheim in St. Joseph at some additional locations. With these Lunch and Learns, we hope to bring ISPE to the members who find it difficult to break away from work to attend other events. Stay tuned for other value-adding events in your area! We also hope to offer additional options including plant tours. And of course, the annual golf outing is already in the works for **Thursday, August 15**.

With this busy agenda planned, we welcome more volunteers to help on committees or to present at various events. If you are interested in volunteering in any capacity, please let us know of your interest by contacting me, Shelley Klein, or any of the board members. Our contact information is in this newsletter. In addition, if you have any suggestions for events or content, please send those ideas to any board member.

I hope you all can join us at some of the events this year; we hope to offer a wide enough variety of types of events, locations, and content that everyone will find something that provides value. We appreciate you as members and are here to enhance member value. Be sure to invite your colleagues along to events as well! All are welcome.

Hope to see all of you soon, and stay warm out there!

Best Regards,

Beth Brock
Midwest Chapter President

Bridging the Skills Gap in the Manufacturing Industry

Featured Article

As the Baby Boomer generation starts to retire, many companies will begin to face talent shortages that may impact their ability to solve new challenges and meet customer demand. Engineering.com recently explored this topic in an article written by Meghan Brown. The Manufacturing sector is expected to have 2 million unfulfilled jobs by 2025 that cannot be fulfilled due to a shortage of talent with the right STEM skills. These changes in the workforce will make recruiting more challenging and increase the need to develop and retain existing talent.



Click this link for more details of Deloitte's assessment of the manufacturing industry and expert analysis.



Around ISPE Midwest Chapter

The Fall of 2018 brought changes to our Chapter. In September we held elections for our 2018-2019 Board of Directors. Beth Brock of CRB was elected to President of our Chapter and Shannon Goodson of Meridian Medical Technologies was elected as our new Vice President. Mike Glasker and Jeremy Wynn retained their positions as Treasurer and Secretary, respectively. Tim Alsin will remain on the board as Past President. The full Board roster is on page 4 of this newsletter.

In October we partnered with BW Design Group to host a workshop in conjunction with BW Leadership Institute in St. Louis. Matt Whiat spoke about Care & Accountability and what it means to be accountable in business, to our people, and to our customers. The presentation was well received and we hope to do more events like it in the future.

November brought us a Dinner Presentation in Kansas City. David Brodersen with LexaMed presented on Compressed Air & Gas Monitoring to a group of 30 ISPE members. Acumen Technology was instrumental in bringing David to KC and the response to his presentation was overwhelmingly praised by the attendees.

Our chapter covers such a large geographical area and each city - St. Louis, Omaha/Lincoln, Kansas City, & Minneapolis - has a few great things planned for 2019. St. Louis hosted a Kick-off Happy Hour in January and KC hosted a Young Professionals Speed Mentoring event on February 27. Check out page 6 for more upcoming events.

The board is excited for this year and we can't wait to see you at our events!

We are kicking off the first newsletter of 2019 with a new Young Professionals page. We will be spotlighting one ISPE Midwest Young Professional member in our quarterly publication. We will also be interviewing current ISPE members to get their insight on what they have learned during their career, what they see changing, and what they wish they knew when they started in this industry.



Taylor Brasted
Project Engineer, QSPEC Solutions

What is your background?

I'm from Wichita, Kansas. I attended the University of Kansas and studied Chemical Engineering and Spanish. I currently work at QSPEC Solutions as a Project Engineer.

What was your first exposure to pharmaceuticals? Why did you pick a career in pharma versus other possibilities?

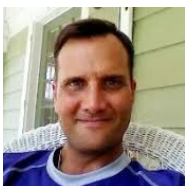
My first exposure to pharmaceuticals was in college through my undergraduate research. I was studying the interactions between cell membranes and an available Multiple Sclerosis drug treatment to better understand its mechanism of action. I chose a career in pharma because I wanted to know that in some way I'm helping people. In my current role, I know that I can help make a small impact in making drugs more readily available for the patients who need them.

What has been the biggest adjustment since you became a professional?

The biggest adjustment I've had to make was to the difference in schedules between being a professional and being a student. The working schedule is a lot more defined where as being a student the schedule is always changing and sometimes a lot more relaxed.

Where do you see yourself professionally in 10 years? What goals and achievements do you want to accomplish? What are you planning to do to get there?

I hope in ten years to have obtained my PE and to have started working towards an MBA. To get there, I plan to continue expanding my knowledge of the industry by participating in trainings, conferences, and by gaining experience in as many areas as I can.



Scott Mannebach
Manager, Process Engineering
Catalent

What do you look for in emerging talent? What are habits, behaviors, and skills you think really set people apart from the crowd? *Two key skills/behaviors that I look for in new talent are the ability to multitask effectively and great interpersonal skills. We are constantly tasked with managing numerous projects simultaneously and being able to keep all those projects on schedule takes a highly organized individual, which is a key to multitasking effectively. In addition, great interpersonal skills are important when projects hit roadblocks. Soft skills such as communication, leadership, conflict management, empathy, and listening are used on a daily basis to solve problems and get tasks completed on time.*

What's something you know now, but wish you had known when you were 25 years old? *Every job is different, and some companies care more about their employees than others. So, when you find a job where you enjoy going to work (most days!) with a company that cares about its employees, don't take that job for granted. Likewise, few companies or jobs are perfect, but the grass isn't always greener, so focus on the positives and work to improve the negatives.*

What are some of the biggest changes you have seen in the workforce since you began your career? *When I started in the pharmaceutical industry, there were many more engineers in each of the various departments. We were involved in more of the detailed engineering work. One of my first projects after starting in the industry was working with a local automation company to develop from scratch a recipe-based control system for a high sheer granulator that we were relocating from Puerto Rico. These days, most of the detailed engineering work is outsourced. If we had that same project now, to automate a granulator, we would contract with the equipment vendor to supply the new control system.*

What are some big changes you think may occur in the pharmaceutical industry in the next 10 years? *Data Integrity requirements are going to drive the industry towards electronic records and automation. Paper based records will be the exception rather than the norm. Just like self driving cars will be prevalent in 10 years, pharmaceutical equipment will become "lights out" in the future. Besides understanding the mechanical aspect of the equipment, there will be a demand for people with a strong working knowledge of control systems and software. Being able to trouble shoot these types of systems will be an invaluable skill.*

ISPE Midwest Board of Directors

Beth Brock, CRB - President
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Shelley Klein, Chapter Manager
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**Want to stay up to date on
ISPE Midwest news and events?
Do you know someone who isn't
getting our emails?**

Over the last few years, many members have had email updates, job changes, or may simply have unsubscribed from ISPE Midwest communication emails.

If you haven't updated your membership profile in the last year, please log on to ispe.org so that we can get your correct contact information. Or, if you have a friend or colleague who is not an ISPE member but would like to stay informed on the chapter, please contact our Chapter Manager Shelley Klein at shelleyklein07@gmail.com with their email address and other contact information.

The Midwest Chapter Wants You!

We are always looking for new ideas and for help with running and growing our Chapter. Duties are divided between teams, which are comprised of both Board Member(s) and member volunteers. Involvement on a team consists of as little or as much as you wish to contribute. If you want to help with a single event that would be great! If you want to join a team that would be awesome. Any level of help is welcome and appreciated, so please consider joining in. As individual members, the more we put into the Chapter the more we will get out of it.

Here is a list of the teams we currently have:

YP & Student Development – This team is focused on assisting and working with our Student chapters and Young Professionals. *Team Captain: Spencer Chestnut, swchestnut@burnsmcd.com*

Content & Communication – This team develops and secures content providers for our events, Midwest Chapter webpage, and the newsletter. *Team Captain: Shannon Goodson, shannon.goodson@meridianmt.com*

Events – This team presents ideas for chapter events and helps plan major chapter events. It also provides guidance and direction to the local micro-chapter committees. *Co-Captains: Gary Kaplan, gary.kaplan@crbusa.com and Jeremy Wynn, jwynn@paulmueller.com*

Membership – The Membership Team is responsible for reaching out to potential new members and renewal members to maintain and increase chapter membership. *Captain: Tim Jost, tim.jost@propharmagroup.com*

KC Local Team – This team plans the local Kansas City area events. *Captain: Kyle Nordstrom, kyle.nordstrom@propharmagroup.com*

MSP Local Team – This team plans the local Minneapolis area events. *Captain: Lindsey Daniel, lindsey.daniel@takeda.com*

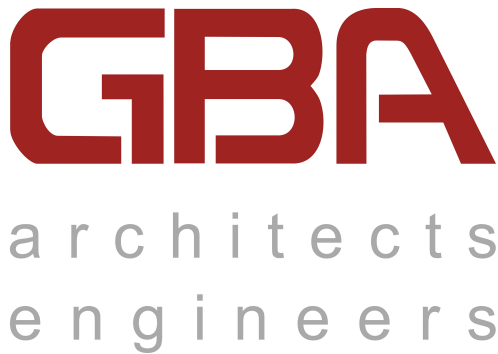
STL Local Team – This team plans the local St. Louis area events. *Captain: Shannon Goodson, shannon.goodson@meridianmt.com*

OMA Local Team – This team plans the local Omaha / Lincoln area events. *Captain: John Loethen, john.loethen@crbusa.com*

Teams are a great way to become more involved with our local chapter and the international organization. Members working on a committee generally see an expansion of their local network and will be considered first for open Board of Director positions. Please contact Shelley or a Board member if you would like to be more involved with any of the committees listed above.

2019 Midwest Chapter Sponsors!

Gold Sponsors



Silver Sponsors

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2019 Vendor and Sponsorship Bundles Still Available

ISPE Midwest is offering Vendor and Sponsorship Bundles for our events again this year. This allows your company to commit to ISPE Events for 2019 with just one payment for the year! The bundles are detailed below and offer 3 options. An Annual Sponsorship is a great way to get involved and be a partner with the Midwest Chapter on all of our events!

For more information on these or to purchase one, please contact Shelley Klein, Chapter Manager at shelleyklein07@gmail.com or 913-744-1332

2019 Vendor Bundle - \$2000 Unlimited Availability

Includes:
Tech Ed Day - Vendor Table
Golf Tournament - Team Foursome
One Regional Dinner Sponsorship

2019 Silver Sponsorship - \$3500 (Only 2 Left!)

Includes:
Tech Ed Day - Vendor Table & Meal Sponsor (Lunch, Dinner or Break)
Golf Tournament - Team Foursome & Hole Sponsorship
Two Regional Dinner Sponsorships
Four Newsletter Ads

2019 Gold Sponsorship - \$5000 (Only 1 Left!)

Includes:
Tech Ed Day - Vendor Table, Top Event Sponsor with Recognition
Golf Tournament - Team Foursome, Hole Sponsorship,
Lunch/Dinner/Drink Cart Sponsor
Three Regional Dinner Sponsorships
Four Newsletter Ads

Save the Date-Upcoming Chapter Events



Lean Project Delivery

Presented by Marc Hanson, Project Manager, CRB
Kansas City Speaker Presentation & Dinner
Wednesday, March 27th - Tavern at Mission Farms
Click Here to Sign Up



ISPE Midwest Young Professionals
Thirsty Thursday Kansas City Happy Hour
Thursday, April 18th - Stockyards Brewing Company
Click Here to Sign Up



ISPE Midwest Chapter Tech Ed Day **Risk Based Approach to Lifecycle of Equipment and Processes**

Wednesday, May 15th - Arrowhead, Kansas City
Click Here to Sign Up



Annual Golf Tournament
Thursday, August 15th - Prairie Highlands Golf Course
Registration Opens June 1st

Questions about Chapter Events?

Contact Shelley Klein, Chapter Manager
913-744-1332 or ispemidwest@gmail.com