

ASPENEWS



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are not authorized to speak for the Society**



**Gary Borgmann, CPD
President, C.I. Chapter of ASPE**

From the President:

Happy month of May everyone! This May is a busy and exciting month for us... We have our Fort Wayne technical luncheon meeting on the 9th, chapter officer's elections at our regular May meeting on the 16th, and finally our ASPE Member Appreciation Day at the Track Friday the 17th.

A special thank you to Joe Donato with Viking for sponsoring the April technical luncheon on negative pressure based fire protection systems. It was very enlightening and a great alternative to system for dry and pre-action fire protection systems.

I hope you will try to attend the May ASPE meeting on **"Hunter's Curve"**. As I've mentioned before, this will be a panel discussion with our very own Tim Wolfe, along with Dr. Steve Buchberger, and Daniel Cole. You don't want to miss this one! Be sure to check out the speaker bios and program overview. Carl Petitt with Viega has graciously offered to sponsor the May meeting. Be sure to thank him if you see him at the meeting.

If you've read the previous Newsletters and got the reminders you'll know that we have a suite for the Fast Friday "ASPE Member Appreciation Day" on May 17th. We do have a few tickets left, so contact Pete for tickets. More info can be found elsewhere in this issue. This will be the day after our May 16th ASPE meeting.

As I mentioned in the April Newsletter, I am working on our annual chapter report and we want to know if any of our members have served on any ASPE committees, or any code committees at the state, or national level. Also, we would like to know if you've contributed to any industry articles or publications.

The May meeting will be the last meeting until September, however, we will keep you informed with the newsletter of upcoming events such as the Annual ASPE Golf Outing on August 2nd and our 45th Chapter Anniversary celebration on September 7th. I wish you all a great summer!

See you at the May meeting,

Gary Borgmann, CPD



Bryan Lee
Vice President Technical

Tech News Now:

Greetings,

We would like to thank Joe Donato of Viking Corporation for presenting at our April meeting. The presentation on “Vacuum Fire Protection Systems” was very interesting and informative.

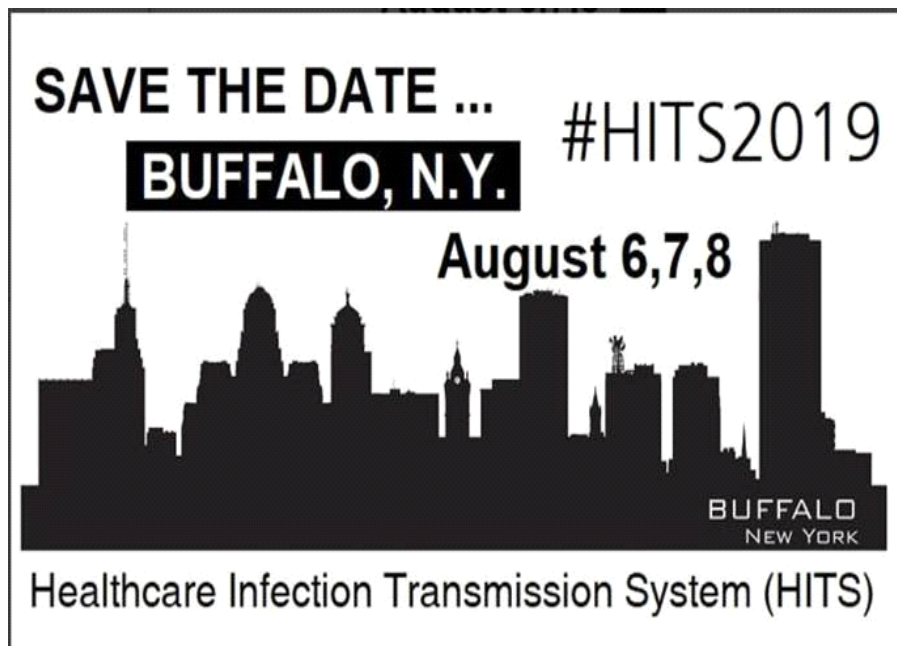
For our May meeting, we will have a presentation on the Hunter’s Curve. We are sure this is a topic that will be of interest to most of you in our industry. The discussion will be presented by Dr. Steven Buchberger, Dan Cole, and Timothy Wolfe. We would like to thank Viega for sponsorship of the luncheon.

We look forward to seeing all of you at our last ASPE meeting of the year.

Thank you all for your support!

Bryan Lee

VP Technical, C.I. Chapter of ASPE



CENTRAL INDIANA - ASPE

MEMBERSHIP APPRECIATION DAY

Indianapolis Motor Speedway



- TO:** **CENTRAL INDIANA, EVANSVILLE & FT. WAYNE – ASPE MEMBERS**
This is a Members and Financial Supporters Event Only. Each Member's RSVP will be verified to ensure he/she is a current ASPE member in good standing.
- WHY:** Because of your Gracious Support for the **Central Indiana - American Society of Plumbing Engineers**, we would like to extend a **“Thank You”** to you, by inviting you to join us for a fun and exciting day in a Suite at the Indianapolis Motor Speedway sponsored by your **CI-ASPE**.
- WHEN:** **Friday, May 17th, 2019**. The IMS gates and Suite open at 10:00 am and close at 6:00 pm.
- WHERE:** **Indianapolis Motor Speedway GASOLINE ALLEY SUITE #516** - Located on the INSIDE of the track's main straightway, South of the Pagoda. Watch the cars and action on the track and on pit row from the Suite or on the closed-circuit TV in the Suite. Also available is an outside private seating area just above the Gasoline Alley Suites to watch the cars and action on the track. A limited number of Garage and Pit/Garage Passes will be available for your enjoyment. (Your DRIVER'S LICENSE and proper/appropriate attire is required to sign-up for either pass).
- LUNCH:** Catered by **Jug's Catering** from 11:30 am till 2:00 pm. Menu includes: Fried Chicken, Country BBQ w/ Buns, Green Beans, Cole Slaw, Potato Salad, Biscuits w/ Apple Butter, Assorted Gourmet Cookies and Iced Fudge Brownies. Soft Drinks, Water and Beer will be provided.
- EVENT:** This day is referred to as **FAST FRIDAY**. Fast Friday is the last practice day before Qualifying. This is a very exciting day to watch the drivers and their crew search for the fastest speed they can get out of their cars.
- RSVP:** No later than **Monday, May 6th, 2019** to Pete Dervenis at (317) 509-9831 or email: (pdervenis@indy.rr.com). This is a **First Come, First Serve** Event as we are limited to **80 tickets in the Suite**. So, get your call or email in to Pete Dervenis ASAP.

Looking forward to seeing you there,

2017 – 2019 Board of Directors

Central Indiana Chapter - American Society of Plumbing Engineers (ASPE)



Dann Holmes

ASPE Region 2 Affiliate Liaison

HITS Conference 2019 Buffalo, NY

ASPE Region 2 colleagues, I've mentioned the HITS Conference to you in previous articles. It is now time to expand on what HITS is and how our Region needs to be involved and attend.

HITS is an acronym for Healthcare Infection Transmission Systems. The HITS Consortium is a 501(c) (3) tax-exempt organization. HITS takes a holistic perspective to targeting healthcare associated infections by addressing the different pathways of pathogen transmission to achieve overall "hospital health". The conference theme is **Catalyst for Change**. Ask yourself, do you as an engineer design plumbing systems for healthcare? Do you as a manufacturer make plumbing products to be installed in healthcare environments?

The conference will take place August 6-8 at the Buffalo Grand Hotel, 120 Church St., Buffalo, NY 14202. Register for the conference and book your hotel stay at www.hitsconsortium.org. This is right in the heart of our Buffalo-Niagara Chapter and within an easy drive for members of our Rochester, Greater Toronto, Johnstown, Pittsburgh, Cleveland, Central Ohio and Eastern Michigan Chapters.

Four Pillars of Healthcare Infection Transmission

Our profession has a motto; Prevention Rather Than Cure. In healthcare, there are four main pillars of infection transmission or HAIs (Healthcare-Associated Infections). These categories are hand hygiene, surfaces, air and water transmission. I know everyone reading this right now either deals in the design of plumbing and/or HVAC systems on a daily basis.

Schedule

The schedule actually starts one-day earlier on August 5th with a **FREE** 8-hour Infection Control Risk Assessment (**ICRA**) Training session presented by the Eastern District of the United Brotherhood of Carpenters and Joiners of America. Lunch and refreshments will be provided. If you have not taken this course, then you owe it to yourself and your profession to do so. I myself took this course in 2017.

A Pre-Show Mixer will follow the training session. There is a strong possibility that adult beverages will be served. Keep in mind, the conference takes place in the hotel so you only have to get back to your room safely and set your alarm for breakfast and Opening Remarks. Following will be the featured speaker Sanjay Saint, MD, MPH, Chief of Medicine at the VA MI Healthcare System in Ann Arbor and the George Dock Professor of Internal Medicine at the University of Michigan.

Throughout the conference you will learn how infections are transmitted via the lack of proper hand hygiene, improper cleaning **AND** disinfection of surfaces, and more. Learn about dry-biofilms (this might scare you!) on materials within a patient room. Listen to ASPE Society AYP Liaison Christoph Lohr, PE, CPD, LEED AP BD+C, ASSE 6020 present on his passion for *Legionella* risk mitigation. I guarantee you ASHRAE Distinguished Lecturer Kishor Khankari, Ph.D will knock your socks off explaining how implementing CFD (Computational Fluid Dynamics) and how the airflow in operating rooms or patient rooms can be modeled to minimize airborne infections.

I have to put a plug in for the Water Transmission Task Group. I'm honored to say I am a co-leader of this group. My counterpart, Jana Summey with Watts Water will give a short presentation of our groups' goal to describe the ideal patient room in terms of design, materials, and flow (patient, staff, and visitor) in regards to reducing the risk of waterborne pathogens with particular focus on domestic hot and cold water systems, fixtures, drainage, filtration and disinfection.

Interested in a Discount?

If you've taken the time to read this article and are interested in attending, please reach out to me for a discount code prior to registering.

Dann Holmes – ASPE Region 2 Affiliate Liaison
NSF International – r2al@aspe.org

ASPE EVANSVILLE CHAPTER GOLF CLASSIC

SAVE THE DATE!

Tuesday, June 18th 2019

PLEASE JOIN US FOR A GREAT DAY OF GOLF
AND FUN AT CAMBRIDGE GOLF COURSE

- Format: 4 Person Scramble
- Prizes for:
 - Closest to the pin
 - Longest drive
 - Longest putt
 - And more!
- Entry Fee: \$75.00 Per Person (Includes: Greens Fee, Cart, Dinner, etc.)

Registration Time: 11:00 am
Shotgun Start: 12:00 pm
Dinner/Award Presentation to
Follow.



FIRST 36 TEAMS ARE IN! DON'T MISS OUT!!

For additional information and sponsorship options, please contact: Steve Sitman (Steve.Sitman@Stansta.com) or Sam Scheek (Scheek@Becht.com).

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NFPA 99 Technical Meeting

Second Draft Meetings which will be held in Indianapolis, IN

The week of June 24th, 2019 for the NFPA 99 Second Draft Meetings which will be held in Indianapolis, IN. Hotel information will be sent as soon as we get the confirmation from our meetings department.

Schedule of TC Meetings:

- TC on Piping Systems - Monday-Tuesday 6/24-25
- TC on Hyperbaric and Hypobaric Facilities: - Monday-Tuesday 6/24-25
- TC on Electrical Systems - Wednesday 6/26
- TC on Health Care Emergency Management and Security - Wednesday 6/26
- TC on Medical Equipment - Thursday 6/27
- TC on Fundamentals - Thursday 6/27

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2018-2019 ASPE Ft. Wayne Lunch Topics / Sponsors

May 9, 2019

Sponsor: Highland Tank

Topic: **Rainwater Harvesting—Recycle & Reuse**

Speaker: Chad O'Brien



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**Central Indiana ASPE
will host another
Chapter Luncheon
Meeting in Fort Wayne,
Indiana.**



Topic: RAINWATER RECYCLE & REUSE

Sponsor: Highland Tank & Manufacturing

When: May 9, 2019

Where: Parkview Field, 1301 Ewing Street, Fort Wayne, IN 46802

Time: 11:45 am - 1:15 pm

Cost: (Sponsor will pay for all meals)

The Indiana Chapter of ASPE would like to invite you to join us for another luncheon technical session. It is open to everyone, so please invite your coworkers to attend this event. Adam Hemminger with Highland Tank will go over the benefits and importance of rainwater recycling. Adam will also go over different types and sizing applications. Continuing Education Units (CEU's) will be issued to all that request them. We hope you can attend and even consider becoming an ASPE member.

Please RSVP to Gary Borgmann at garyb2010mc@yahoo.com before May 6th if you would like to attend.





2018-2019 CI-ASPE Lunch Topics / Sponsors

May 16, 2019

Sponsor: ASPE Board

Topic: **Hunter's Curve**

Speaker: Timothy Wolfe

Central Indiana Monthly Lunch - N - Learn

Date: May 16, 2019 **Time:** 11:30 a.m. EST

Place: Knight's of Columbus, 2100 East 71st Street (71st and Keystone Ave.)

Topic: **Hunter's Curve Panel**

Sponsor: CI-ASPE

Cost: \$15.00 (Sponsor will pay for Designer's/ Engineer's Meal)

RESERVATIONS ARE REQUIRED.

RSVP: Gary Borgmann *by Monday May 13, 2019*, Garyb2010mc@yahoo.com

Or on the IndyASPE.org website

[To RSVP Now Click Here!](#)

See You There!



CENTRAL INDIANA

Ft. Wayne May Lunch-N-Learn Preview

Rainwater Recycle & Reuse:

Program Outline:

- Why Rainwater
- Benefits
- Types of Reuse
- Sizing Cisterns and Day Tanks
- Types and Examples of Systems

Speaker Bio:

Adam Hemminger

Division Manager-Water/Pressure Vessels

Adam is the Division Manager for Highland Tank's Water/Pressure Vessel Division. Highland Tank fabricates Tanks, Oil Water Separators, Water Tanks/Systems, and Passive/Hydro Mechanical Grease Interceptors. Prior to becoming a Division Manager, I served as a Sales Specialist within Highland Tank's Grease Interceptor Division. I spend my time working on specifications with Plumbing, Mechanical, and Fire Protection engineers around the United States.

Short Description:

Most professionals in the plumbing industry have at least one question about the Hunter's Curve: What is a fixture unit? Who created the curve? Why does the Hunter's Curve lead to oversized piping? Will the Hunter's Curve be updated? A panel of industry experts will discuss the answers to the above items, in addition to reviewing the ASHRAE "Modified" Curve and posing a challenge to the plumbing industry to update the Hunter's Curve.

Content Outline:

Introduction:

Example of applying the Modified Hunter's Curve to an existing Hospital

Background (Initial Story):

Brief History of Roy Hunter's Plumbing Curve

What is a Fixture Unit?

Brief History of ASHRAE Modified Hunter's Curve

Residential Hunter's Curve:

Why is modification necessary?

Brief explanation of research for new residential calculation

Application of new residential curve

Commercial Hunter's Curve Modification

What needs to be done?

Database "mining"

What it takes to update a curve

What are the challenges?

What are the opportunities?

Learning Objectives:

Upon successful completion of the course learners will be able to:

Review History of Hunter's Curve and the limitation of the modified ASHRAE Hunter's Curve;

Understand why premise plumbing is really a probability problem whose behavior changes when scaling from single family homes to large residential buildings.

Convert the classic Hunter's curve to a contemporary digital calculator.

Demonstrate the new residential calculation and compare to conventional approach results;

Identify the challenges (and opportunities) to applying the residential calculation to commercial buildings

Instructors:

Since joining the UC faculty in 1988, Dr. Steven Buchberger has authored over 125 archived publications and directed \$11 million in research projects. Professor Buchberger has advised 65 graduate students at UC and other institutions over the past 30 years. Three (3) of his students have won national best paper awards from the American Society of Civil Engineers. Professor Buchberger served as Associate Editor of the ASCE Journal of Water Resources Planning and Management for ten years; He was Chief Editor for two (2) special issues on Water Distribution Systems Analysis.

Dan Cole is the Senior Director of Technical Services at IAPMO. In this role he oversees all the technical services supporting the Uniform Plumbing and Mechanical Codes. He is also the special projects researcher and technical writer for the plumbing discipline. Additionally, he serves as the ANSI Secretariat for the IAPMO Water Efficiency and Sanitation Standard and provides technical interpretation of the plumbing and mechanical codes.

Timothy Wolfe has worked as a building design consultant engineer since 2004 and works for TRC Worldwide Engineering – MEP, LLC. as the director of plumbing engineering over four US offices and two international offices. He has a strong background in plumbing, fire protection, and medical gas engineering with applications ranging from hospital replacements and expansions, state of the art medical and agricultural research labs, upper educational facilities, central utility plant designs, and facility master planning.

Credits:

1 PDH or 0.1 CEUs will be awarded for this 60-minute session.



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Recruit any Past Member	2 Points
Recruit any New Member (Over Age 35)	3 Points
Recruit any New Member (Under Age 35) (Excludes Student Members)	4 Points

* Member Recruits are to be sent to David Townsend, Membership VP at dtownsend@deemfirst.com, prior to the member being signed up to be counted toward your total. The Membership VP will keep the official membership drive tally. Awards will be presented at the September 2019 Chapter Meeting. Winners should be present to receive prize.

CASPE

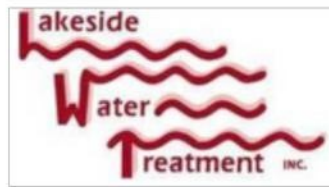
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CENTRAL INDIANA

Central Indiana ASPE April Lunch-N-Learn



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All annual Advertisement(s) are printed from September thru August. Any partial year Advertisement(s) will be pro-rated accordingly. If you would like to have your Business Card(s) and/or other ***Pre-Approved*** Advertisement(s) printed in our monthly Newsletter, please email them to George Russell at (george@tec-mep.com). Invoices will be sent out for all the Advertisement(s) requested.

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NOTE: A **\$25.00** Service Fee will be added to your total invoice if you are NOT a current individual ASPE member. Checks are to be made out to; Central Indiana Chapter ASPE and mailed to; Pete Dervenis, 5475 Cayman Court, Carmel, IN 46033.

DEADLINE: For Advertisement(s) to be included in the following month's Newsletter, all information needs to be sent to George Russell by the **25th** of the current month. If you have any questions, please call George Russell at (317) 636-3941; or Pete Dervenis at (317) 509-9831.

Central Indiana ASPE Board Meeting
March 15, 2018

Attendees: Gary Borgmann, Pete Dervenis, Bryan Lee, David Townsend, Frank Bruggner, Julia Mauck, John Okerson

Meeting called to order at 11:40a.m.

Old Business:

Treasure's report

- Financially the board is in good standing.
- Gary gave the latest dues to Pete.
- The May meeting will be sponsored by Viega.

Membership report

- Currently standing at 106 members.
- Gained 9 new members between March and April.
- Membership contest update – 1 member gained from the contest – David to find out who sponsored the new member.

VP Tech report

- All meetings and CEUs through April have been submitted.
- Bryan to continue on scheduling speakers for 2019-2020.

VP Legislative Report

- There is a push to place a stop valve on every inlet line in multi-family construction.
- Frank to send information on the ICC code reading.

45th Anniversary Update

- Gary has contacted various locations for availability.
- The board expressed the need for a location with an elevator.
- Possible dates of the event are: 8/24, 9/7, 9/28.

Member Appreciation Day

- Pete has booked the Suite for the event for May 17th.
- Pete has received the tickets for the event.

May Elections

- The "Administrative Secretary" position has been filled by Dan Cummins.
- Elections will be held at May ASPE luncheon.

New Business:

ASPE Annual Report

- Gary to start working on the annual report.
- Pete to send update of donations.
- David to take care of publication.

AYP/WOA Future Events/Fort Wayne Event

- Julia and John to work on upcoming events for AYP/WOA.
- Gary to inquire on possible events for new membership for Fort Wayne.

The meeting was adjourned at 1:12

Respectfully submitted by Bryan Lee – VP Tech

Next board meeting May 3rd at Circle Design's office (11:30 am)

**Central Indiana Chapter
American Society of Plumbing Engineers
Officer Nominations form for May 2019 Elections**

PRESIDENT

- David Townsend, CPD
- _____

VICE PRESIDENT TECHNICAL

- Bryan Lee
- _____

VICE PRESIDENT LEGISLATIVE

- Frank Bruggner
- _____

VICE PRESIDENT MEMBERSHIP

- Gary Borgmann, CPD
- _____

TREASURER

- Peter Dervenis
- _____

ADMINISTRATIVE SECRETARY

- Dan Cummins
- _____

CORRESPONDING SECRETARY

- George Russell, CPD
- _____

AYP LIAISON to the Board

- John Okerson
- _____

To nominate yourself, or anyone else, place the name of the person(s) you are nominating in the blank and then return to Gary Borgmann via email at garyb2010mc@yahoo.com . A description of the duties required by chapter officers are available upon request.



EVANSVILLE SATELLITE

American Society of Plumbing Engineers
A NON-PROFIT ORGANIZATION

Evansville Indiana Satellite Chapter
458 W. Melchoir Dr. S.
Santa Claus, IN 47579

EVANSVILLE ASPE SATELLITE CHAPTER

BOARD MEETING – Date February 7, 2019

Location Red Fez

Time 11:00

President – Schenk

Elections

President Brian Lowe

VP Tech Sam Schenk

Secretary Tom Fuller

Lunch Meetings

May Aqua Rex

Challenge everyone to bring a new guest to the next Luncheon

Vice President Technical – Farmer

Vice President Membership – Buechlein

New Members! (4 new members anticipated as a result of the Trade Show.)

Treasurer - Evans

Treasurers report

Trade Show Report

Secretary – Sitzman

Golf Outing Update (June 18) (Sam Schenk will be taking over the duties of Golf Outing organization. Next month's board meeting will be focused on wrapping up this planning effort.)

Affiliate Liaison – Lowe

Member appreciation Day (Evansville Otter's Event this year. Considering an association with Evansville Thunderbolts.)

Historian – Fox

10 year anniversary celebration

New Business

Every other year on Trade show was discussed. Will want follow-up conversations with the UA 136 JATC members.

Years without a Trade Show could include presentations at the JATC for it's apprentices highlighting the design to construction process with time allotted to all key players (owner's rep, design engineers, vendor's reps, contractor, etc.)

General Meeting cost to be discussed as part of next year's business.

Topic planning to be discussed in July or August

9. Next General Meeting – 5/23/19 (Aqua Rex)

10. Next Board Meeting – 6/6/19 (Golf Outing planning)

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