

Next Chapter Meeting October 28, 2015

Speakers: Mr. Tom MacKinnon

Topic: **The Role of Insulation in
Energy Efficient Designs**

Location: Baci Grill
**134 Berlin Road
Cromwell, CT**

Time: 6:00pm – Welcome
6:30pm – Dinner / Presentation

Cost: \$30 per person

RSVP: Friday, October 23rd
Ph: 800-854-8924
Fax: 860-568-680
Email: rsvp@ctaspe.com
Online: www.ctaspe.com

President's Message

Nicole Parker, CT ASPE President

We are finally ready to begin our new season of ASPE meetings, with the kick off to the season being on Wednesday, October 28, 2015.

At the end of August we had a very productive Chapter Board meeting with discussions of the upcoming meetings and getting in some topics that have been requested from members thru the survey that I conducted over the summer.

We have increased our numbers and have bypassed my goal of 50 members with us now having 52 members! I would like to thank Kevin Long our VP Membership for his hard work increasing our numbers. On Saturday, October 3, at the Hyatt Regency at the Arch in St. Louis, ASPE held an awards ceremony to honor chapters for their dedication and service to the growth and prosperity of ASPE for the membership year of 2014-2015. I am proud to say that the Connecticut Chapter has received this award. Congratulations and thank you all for your continued support.



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CTASPE Chapter News

Region 1 Presidents Meeting

Our Chapter has been chosen for the host site for the 2016 Region 1 Presidents Meeting. This means that our Board will be working hard to find a hotel to host this 1 day business meeting in which all of the Presidents from the Chapters in Region 1 will attend, along with our Regional Director, Paul Silvestre and typically two members of the National Board. As the host Chapter we will be asking for any Sponsorships to help assist with the cost of the Meet & Greet on night before the meeting and for the cost of the meals for the Business meeting. Anyone who is interested please contact me at nparker@lindgrensharples.com

Tabletop Presenters!!!

We will be charging a \$100 fee for those who wish to present a tabletop of their products at the meeting. If you wish to be a tabletop presenter, please contact either myself at nparker@lindgrensharples.com or Anthony Carosielli at acarosielli@silverpetrucelli.com. The money for these tabletops will help keep the cost of the monthly meetings at the low \$30 cost per person. I look forward to having many tabletops at our monthly meetings!

Sponsorship

If there is anyone interested in sponsoring any of the monthly meetings the cost would be \$600. This would give the members an opportunity to come to the meeting free of charge. Again if you are interested please contact either myself at nparker@lindgrensharples.com or Anthony Carosielli at acarosielli@silverpetrucelli.com.

Newsletter Advertisement's

Now is the time to renew your advertisements for the newsletter. Any advertisements that are not renewed will be removed from the newsletter. We encourage new people to purchase advertisements as well as returning folks to renew.

The costs for the ad's are as follows:

Full page = \$500

½ Page = \$250

¼ Page = \$175

Business Card = \$100

Please contact myself at nparker@lindgrensharples.com or newsletter@ctaspe.com to renew or place an advertisement.

Proof of Attendance

I would like to mention to all of the CPD's in the chapter to be sure to sign in at every meeting. They are auditing more people each year and it is a pain to scramble to collect all the proof of your credits. We will not be publishing in the newsletter the list of attendees, so please ask for a Certificate of Attendance if you need one. Also, if the course is a CEU accredited course you MUST sign in and out of the meeting. I will be keeping track of all of the attendance records so if anyone needs proof please contact me.

Note: For our Inspector friends attending the monthly meetings, you need to be sure to sign in as well and I can email you a Certificate of Attendance.

Technical Program

This month's technical program will be "The Role of Insulation in Energy Efficient Designs".

CTASPE Membership

As of October 7, 2015, The Connecticut Chapter's membership is 52. Our membership breakdown is as follows:

	Oct 2015	Aug 2015
Full Members:	33	32
Associated Members:	1	1
Affiliate Members:	16	12
Government Members:	1	0
Special Members:	1	1
Student Members:	0	0
Total Chapter Members:	52	47

Of the 52 members we have 13 PE's, 8 CPD's and 1 PE & CPD.

We have passed my goal as President of having 50 members; let's set a new goal and try for 60 members!

New Members

If you are a new member of ASPE, the Connecticut chapter would like to welcome you and invite you to attend your first chapter meeting on us. All new society members will have their first chapter dinner paid for by the local chapter as a "Welcome to the Society". All you need to do is attend your first meeting and let one of the Chapter officers know, and we'll take care of the rest. Hope to see you at the next meeting.

Chapter Treasury

The Chapter is in fair shape for our size. We need to make an effort to become in the plus each month instead of in the negative. Although we are struggling somewhat, I am proud to report that the Chapter is still able to remain self-sufficient.

I would like to say "Thank You" to all of the Chapter's members and our Affiliates for their continued support.

National News

Former ASPE Board member passes away

Long-time ASPE member Timothy A. Smith, CPD, GPD, FASPE, passed away on October 13, 2015. Tim joined ASPE on January 24, 1985 and was a member of the Chicago Chapter. He served on the national Board of Directors in various roles from 2004-2012 and was a member of the Technical & Research and Legislative Committees. Tim was inducted in the Kenneth G. Wentink College of Fellows on October 26, 2010.

"Improve Chapter Performance" webinar dates have been announced

To help Chapters improve member communication and participation, ASPE and StarChapter will be holding free webinars on the following dates for Chapter leaders to learn about this exciting service: October 27, November 17, and December 8, 2015 and January 12, 2016. Go to aspe.org/chapterofficers for more information.

Learn, network, and have fun with ASPE Chapters

ASPE's Boston Chapter is holding its Biennial Product Show and Education Seminars on November 10 at The Lantana in Randolph, Massachusetts. You can learn more about this and other Chapter networking events at aspe.org/chapterevents.



November 1, 2015

Daylight Saving Times ENDS

Before you go to bed on Saturday night, remember to "fall back" by setting your clocks back one hour. (The exceptions to DST are Arizona, Hawaii, Puerto Rico, the Virgin Islands, and American Samoa.)

Credit for Daylight Saving Time belongs to Benjamin Franklin, who first suggested the idea in 1784. The idea was revived in 1907, when William Willett, an Englishman, proposed a similar system in the pamphlet *The Waste of Daylight*.

The Germans were the first to officially adopt the light-extending system in 1915 as a fuel-saving measure during World War I. The British switched one year later, and the United States followed in 1918, when Congress passed the Standard Time Act, which established our time zones. This experiment lasted only until 1920, when the law was repealed due to opposition from dairy farmers (cows don't pay attention to clocks).

During World War II, Daylight Saving Time was imposed once again (this time year-round) to save fuel. Since then, Daylight Saving Time has been used on and off, with different start and end dates. Currently, Daylight Saving Time begins at 2:00 A.M. on the second Sunday of March and ends at 2:00 A.M. on the first Sunday in November.

www.almanac.com

Ways to Earn CEU's

- If you are an ASPE member **you can earn 1 free hour of continuing education every month** by visiting <https://aspe.org/content/read-learn-earn> (aspe.org under the education tab).
 - Every month a new article and quiz are added and one quiz expires, so if you're diligent you can earn these 24 hours without incurring any other fees and from the convenience of your home or office. I strongly recommend this option.
- **Keep detailed records of what continuing education you've completed.** I can't stress this enough. Many times people earn credits while they're employed at one firm, then change firms and can't access what they earned. Or they have trouble locating them within their email. **Make a PDF of all certificates you earn, forward a copy of them to your personal email address, etc.**
 - If you're an **ASPE member** login to aspe.org then visit <https://aspe.org/CEUCenterInfo> to see a log of CEUs earned through ASPE. If this method doesn't work for you create your own method but be diligent and accurate, and keep backups!
 - Proof of attendance must be kept. I'm sure you're aware of what is acceptable, but if you're not please let me know and I'll show you a sample. Many ASPE chapters award CEU certificates after monthly meetings. If they don't, have your chapter officer speak to me and we can show them how to award certificates to attendees.
 - Here are examples of what is *not acceptable* in the event you are audited: calendar invites, announcements of an event, etc. These don't show proof of attendance.
- Here's resources of all nationally recognized **continuing education opportunities**:
 - **Webinars:** <https://aspe.org/WebinarArchives> Most webinars are 1 hour and offer 0.1 CEUs, we offer live webinars every month and the archives are available too.
 - **Online Education:** <https://aspe.org/content/online-education>
 - **CEU Provider Program:** <https://aspe.org/content/aspe-ceu-provider-program> Many companies have signed up to become an ASPE CEU Provider and their name and courses are listed there.
 - **Read, Learn, Earn:** <https://aspe.org/content/read-learn-earn> Again, earn 0.1 CEUs every month for FREE (applies to ASPE members)
 - **ASPE hosted workshops:** varies throughout the year and award high amounts of CEUs.
 - **ASPE Conferences:** Odd years is the [Technical Symposium](#) and even years is the biennial [Convention and Expo](#). Most conferences award more than half of your required CEUs and are an excellent opportunity to meet other CPDs.

If you are interested in presenting at a CT ASPE Chapter Meeting please contact:

Vice President Technical:

Anthony Carosielli III

Silver/Petrucelli + Associates

3190 Whitney Avenue

Hamden, CT 06518

(203)230-9007 x248

acarosielli@silverpetrucelli.com

Technical Program

October Technical Program:

The Role of Insulation in Energy Efficient Design

The October meeting will be held on October 28, 2015 at the **Baci Grill, 134 Berlin Road in Cromwell, CT**. Reservations can be made on the website: www.ctaspe.com.

Reservations need to be in to Dave Showalter no later than October 23, 2015.

The technical program offered for this meeting will be **“The Role of Insulation in Energy Efficient Design”**, presented by Mr. Tom MacKinnon and will cover the following:

- The role insulation plays in saving energy and reducing greenhouse gas emissions to contribute to sustainable construction
- The thermal insulation product line offered by the fiberglass manufacturing industry for mechanical systems and its thermal impacts
- The difference in thermal performance of fiberglass insulation to other insulation options
- The dynamics of sound attenuation in ducts and the solution glass mineral wool offers to control acoustics
- The reaction of fiberglass insulation to fire and the test used to determine the safety of materials in a fire

Biographical Data:

Tom MacKinnon
Northeast Specification Specialist for Knauf Insulation

Tom MacKinnon is a Mechanical Engineer from Northern NJ and is one of eleven technical representatives across the US and Canada for Knauf Insulation, representing the Northeast US. His goal is to become a trusted technical resource for architects, engineers, and specifiers and help to bring their knowledge up to the current insulation technology and practices. He started in this role a little over one year ago after spending time as a Quality Engineer for a large Power Systems Company in New Jersey.

Meeting Minutes

Place of meeting: Baci Grill Cromwell, CT

Date and time:

Attendees:



**You are invited to ASPE Boston
Chapter's
22nd Biennial Product Show**

When: Tuesday, November 10, 2015

Where: The Lantana – 43 Scanlon Drive Randolph, MA 02368

Time: Product show is from 3 PM to 8:00PM

1 hour seminars start at 12:30 PM

3 hour seminars start at 12:30 PM

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**Any questions please contact either:
Ethan Grossman at ethan.grossman@arup.com or
Patrick McAuliffe at pmcauliffe@emersonswan.com**

ASPE.org

Read, Learn, Earn

Do you find it difficult to obtain continuing education units (CEUs)? Through this special series, ASPE can help you accumulate the CEUs required for maintaining your Certified in Plumbing Design (CPD) status or numerous regulatory-agency CE programs.

Visit, aspe.org and click on the education link to find the latest CE article and exam. Reading the article and completing the accompanying form will allow you to apply to ASPE for CEU credit. For most people, this process will require approximately one hour. If you earn a grade of 90 percent or higher on the test, you will be notified that you have logged 0.1 CEU.

Exams are posted on the first day of the month.

Download the article you wish to read with the accompanying quiz at the end, then submit your answers online! After reading the article, **log in** to our website (above) to verify your membership, then choose the respective quiz to submit online.

Nonmembers: select the appropriate link where you'll be prompted with a payment screen.

Gr. Htfd. apartment occupancy among highest in nation

The Greater Hartford market is among the top 25 in apartment occupancy a new study shows. It is tied for 12th with a 95.9 occupancy rate. It's a slight decrease from the second quarter.

The market research firm Axiometrics, which tracks apartment and student housing data, says the overall apartment occupancy rate is robust nationally. It set a 14-year high at 95.3 percent. The Greater Hartford market includes the Capital City, East Hartford and West Hartford.

"This has so far been the strongest year for the apartment market since the end of the Great Recession, and these quarterly figures are additional confirmation of that," said Stephanie McCleskey, vice president of research for Axiometrics, said in a news release. "This year has also shown more widespread strength nationwide. Metropolitan areas in the Northeast and Midwest that were down a year ago are resurgent, and the West, South and most of Texas remain strong. Job growth is better in all regions, and single-family home prices keep rising."

Apartment occupancy in Hartford could get a strong boost with the expansions of three colleges and universities downtown. The University of Connecticut, Trinity College and the University of St. Joseph are expanding their presence downtown, which is already home to Rensselaer and Capital Community College.

Greater Hartford apartment rents continued their climb in the fourth quarter, closing the year up 5.7 percent over 2013, according to apartment-data tracker Axiometrics. That growth was among the highest among all metropolitan areas in the country, tied at for 14th.



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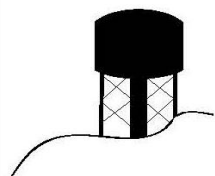


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UConn breaking ground on \$183.5M tech park

Ground will be broken Wednesday on a new technology park at UConn and construction of the Innovation Partnership Building, the inaugural building associated with the project. More than \$180 million has been earmarked in state and federal funds for the project.

In May, the state Bond Commission approved \$131.5 million to construct the first building in UConn's technology park. It will offer specialized equipment and shared laboratory space for UConn researchers, industry scientists and businesses. The borrowing brings the total amount of state and federal funding for the tech park to \$183.5 million.

According to a statement from the university, the 113,000-square-foot Innovation Partnership Building will house cutting-edge laboratories and highly specialized equipment. The goal is to have teams of academic researchers, private industry scientists, and business entrepreneurs working together onsite to develop new technologies in energy, electronics, materials science, microscopy, additive manufacturing, cybersecurity and other fields.

Last October, UConn and scientific instrument maker FEI Co. signed an agreement to develop a center for microscopy and materials science research to be housed in the new Innovation Partnership Building. It will feature some of the most advanced commercially available electron microscopes.

When the agreement was announced, Mun Choi, UConn's Provost, said in a statement, "[This] will be the foremost microscopy facility in the world. The transmission, scanning, and ion beam instruments will enable our faculty and students to manipulate and analyze materials at atomic scales. Their ability to create new applications for energy, electronics, and biomolecular sectors will be unparalleled."

Occupancy of newest downtown apts. outpaces expectations

The first batch of downtown office buildings converted to apartments are filling faster than expected, according to the state-supported financier that co-funded them and their developer-landlords.

According to a lease-up survey as of mid-September from the Capital Region Development Authority, the quasi-public agency that co-invested in the four conversions completed so far, 353 of their combined 565 apartment units — 64 percent — are occupied. One, 179 Allyn St., with 63 units above Black Bear Saloon and Club NV, is 100 percent leased, CRDA Executive Director Michael Freimuth told area commercial and residential brokers, developers, appraisers and other realty professionals at a recent real estate conference downtown.

Although no guarantee that fill-up of downtown's newest residences will continue at the current pace, even for the other 600 or so units still under construction or on the drawing board, most conversion landlords are smiling. But some also voice an undercurrent of concern about whether enough is being done to promote the existence of new downtown housing.

"I was surprised at the pace," said Robert Arista, co-founder and president of Dakota Partners, the Massachusetts developer who bought and, with CRDA co-funding, renovated 179 Allyn and is converting a second building in the shadow of the State Capitol into apartments. "I wasn't surprised it filled up."

Occupancy percentages as of Sept. 15, for the other three completed conversions, according to CRDA include: 26-unit Grand on Ann (201 Ann Uccello St.), 77 percent; 286-unit 777 Main St., 65 percent; and 190-unit Spectra Boutique Apartments (5 Constitution Plaza), 44 percent.

"There's something going on," Freimuth told the Oct. 1 audience at the 25th annual Connecticut Commercial Real Estate Conference at the Marriott Hotel Downtown, where he aired CRDA's conversion-occupancy report.

Later, Freimuth offered a more probing explanation as to what has happened to validate what he, some developers and brokers say was an intentionally conservative estimate of the ability of downtown's fresh apartment inventory to appeal to mostly college-educated Millennials and middle-aged residents eager for a lifestyle change.

"My general feeling throughout the first year of our effort was that the industry was looking at the rearview mirror rather than the front windshield," he said. "We weren't talking about a whole lot of units and we played many different sub markets by price, location, amenity package, rehab vs. new, and unit sizes. The absorption rate this year has been a very pleasant surprise to a lot of people."

Absorption of the remaining unclaimed converted apartments is running about 40 per month, he said. That's four times the lethargic 10 to 12 units per month absorption rate that Freimuth said real estate and financing experts had projected to CRDA and potential developers a few years back, he said.

"We were more optimistic than the appraisers, local bankers and a variety of naysayers; but we still built conservative pro formas," Freimuth said. "The 3 percent [Greater Hartford apartments] vacancy rate, consistent annual increases in rental rates, and the national demographic and economic trends for urban areas, did play out as we had hoped. The demand was there, but the supply wasn't. Therefore the market performance was not being fully understood by many."

Brooklyn, N.Y., developer Yisroel Rabinowitz was first to market in late 2014 with The Grand on Ann apartments. Rabinowitz is mixed about whether the occupancy paints a positive picture or harbors concerns as to the market's demand for downtown apartments.

Occupancy of newest downtown apts. outpaces expectations

"What's happening in my building isn't necessarily what others are seeing in theirs," he said.

Rabinowitz said his apartments' rents are at the upper end of the scale compared to most of the other conversions, reflecting the units' sizes and amenities, among other factors. Rents for Grand apartments range from \$1,425 for smaller units to \$2,000 for penthouse-level suites.

The Grand's tenants, he said, are a blend of newcomers to Hartford, working in insurance and the city's two hospitals, as well as existing downtown dwellers looking to upgrade to newer space.

"If we had been priced a lot lower than where we are here," Rabinowitz said, "we would have been 100 percent [full] a long time ago."

Rabinowitz agrees with Freimuth that the naysayers have been silenced for now. However, he says he wishes CRDA would do more to promote the story of downtown's nascent apartment revival.

"There should have been more of an effort from CRDA and developers to get our units rented," he said.

CRDA's Freimuth said he agrees "there is a need to expand and grow the PR campaign. But the best advertisement is the ongoing success the projects are having."

Meantime, the higher-than-anticipated absorption is good news for at least three other apartment conversions and new construction underway downtown: The nearly completed buildout of the 121-unit Front Street Lofts, next door to what will be the site of UConn's new downtown campus on Prospect Street, plus office-retail space conversions at 36 Lewis St. and 40 Elm St. that are due to come on line in early 2016.

In the city's Frog Hollow neighborhood, Dakota Partners has just begun work, also with CRDA financial backing, to convert into 112 apartments the former Pratt & Whitney factory and later the home to former Hartford Office Supply, at the corner of Capitol Avenue and Flower Street.

Dakota Partners' Arista acknowledged the rapid fill-up of his and other office-to-apartment conversions could indicate landlords have priced their product too low.

"It has occurred to me, yes," he said, quickly noting he's convinced that the demand indicates the apartments are priced to suit the market. At 179 Allyn, rents were pegged to be attractive to the single- and two-person households that its market research identified as the target market, Arista said.

Hartford region commercial broker Tom York said the robustness of the downtown apartment market strengthens the desire in some corners for more of an 18-hour city, where residents live, work and play.

"Will it translate," said York, of Goman+York Property Advisors in East Hartford, "into a material increase in office rents in the near term?"



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Rentschler Field Outlet Center Plan Approved In East Hartford

EAST HARTFORD — Planning officials Wednesday approved a proposal to create a new outlet shopping center.

The commission reviewed the application for The Outlet Shoppes at Rentschler Field, which would create 10 retail buildings totaling 425,000 square feet, with the potential to expand to 482,000 square feet, with about 1,800 parking spaces.

Representatives from Chicago-based Horizon Group Properties Inc., which specializes in outlet development and is leading the effort to create The Outlet Shoppes, told the town council earlier this month that their plan would be a catalyst for economic development and jobs.

"Rarely do we have an opportunity to build something that is going to be as transformational as this will be," Horizon CEO Gary Skoien said.

The project will be carried out in two phases. The first, which developers estimate to be a \$100 million investment, will consist of 349,000 square feet and 85 retailers. The second will be 71,000 square feet and 15 to 20 retailers.

The plan includes a food pavilion, phone charging stations and a playground for children. All lights on-site will be LED, and all roads built to town standards, even though they are currently private. Architects added that there are plans to include bicycle racks.

Commissioners said they were pleased to see certain design elements pay homage to the town's aerospace heritage, which include a structure resembling an air traffic control tower and the food pavilion, tentatively called The Hangar.

Once completed, the center would generate about \$405 million in tax revenue over 20 years, Skoien told the council. The developers say they expect to create 1,208 jobs during construction and 1,628 permanent and seasonal jobs once the center is complete.

Skoien said the company has signed leases with tenants, but he declined to name the businesses. He said the project is out to bid, in order to break ground by October.

Horizon projects the shopping center will open in fall 2016 or early 2017.



ASPE Congratulates the New Green Plumbing Designers

Submitted by Pienta73525 on Mon, 03/09/2015 - 08:45

At the Green Plumbing Design workshop held in San Antonio, Texas in February, 10 participants passed the exam to join the growing list of PEs and/or CPDs who have earned the right to place the GPD designation after their name. The new GPDs are:

- Serpil Barmettler, PE, GPD
- Charles Lengal III, CPD, GPD, Denver Chapter
- Rolando Meneses, CPD, GPD, CEM, LEED AP, Dallas/Ft. Worth Chapter
- Quang Huu Nguy, CPD, GPD, Central Texas Chapter
- Raymond F. Parham, PE, GPD, Houston Chapter
- Christopher Adam Phillips, CPD, GPD, Central Texas Chapter
- Eugene Wayne Raanes, PE, CPD, GPD, Central Texas Chapter
- Steven W. Smith, CPD, GPD, Houston Chapter
- Joe Stone, PE, GPD, Central Texas Chapter
- Cyril F. Unger, CPD, GPD, FASPE, Houston Chapter

The Green Plumbing Design certificate program, sponsored by ASPE and the International Association of Plumbing and Mechanical Officials (IAPMO), recognizes engineers and designers with advanced skills in sustainable plumbing system design and consulting. Available only for engineers and designers who hold either the Certified in Plumbing Design (CPD) certification or a Professional Engineer (PE) license, the GPD certificate denotes professionals with a high level of experience and training in sustainable practices. The GPD designation signifies professionals who are dedicated to ensuring the efficient use of our precious water resources via water-conserving plumbing system designs for commercial and residential applications.

The next GPD workshop will be held in St. Louis this fall. Visit aspe.org/GPD for more information



2014 – 2016

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(413)732-4336 x25
nparker@lindgrensharples.com

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Anthony Carosielli III

Silver/Petrucelli +
Associates
3190 Whitney Avenue
Hamden, CT 06518
(203)230-9007 x248
acarosielli@silverpetrucelli.com

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Silver/Petrucelli +
Associates
3190 Whitney Avenue
Hamden, CT 06518
(203)230-9007 x247
smichalec@silverpetrucelli.com

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(860) 739-4488
daveshow@snet.net

Administrative Secretary:

Jim McCauley

American Standard
mccauley@AmericanStandard.com

ASPE Connecticut Chapter Technical Program 2015-2016

October 28, 2015	Topic: <i>The Role of Insulation in Energy Efficient Design</i> Speaker: Tom MacKinnon Tabletop: Knauf Insulation
November 18, 2015	Topic: Speaker: Tabletop:
December 16, 2015	Topic: <i>CHRISTMAS PARTY</i> Speaker: Tabletop:
January 27, 2016	Topic: Speaker: Tabletop:
February 24, 2016	Topic: Speaker: Tabletop:
March 2016	Topic: <i>ASPE/ASHRAE</i> Speaker: Tabletop:
April 27, 2016	Topic: <i>NFPA 99 Medical Gas Alarm Wiring Requirements for the Plumbing Engineer NFPA 99; "What edition should you be following?"</i> Speaker: Jay D'Agostino Tabletop:
May 25, 2016	Topic: <i>Roof Drains – The Whole Story</i> Speaker: Jeremy Ross Tabletop:

All Meeting to be held at Baci Grill unless noted

Proposed Program topics subject to change!!!

Chapters are not authorized to speak for the Society