**TABLE OF CONTENTS**

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chapter Officers</td>
<td>2</td>
</tr>
<tr>
<td>Program Schedule</td>
<td>2</td>
</tr>
<tr>
<td>President’s Message</td>
<td>3-5</td>
</tr>
<tr>
<td>19-20 Board of Governors</td>
<td>5</td>
</tr>
<tr>
<td>Announcement</td>
<td>6</td>
</tr>
<tr>
<td>Member Promotion Report</td>
<td>6</td>
</tr>
<tr>
<td>Student Member App.</td>
<td>7-8</td>
</tr>
<tr>
<td>Member Application</td>
<td>9-10</td>
</tr>
<tr>
<td>Student Transfer App.</td>
<td>11-12</td>
</tr>
<tr>
<td>Region I CRC Sponsorship</td>
<td>13</td>
</tr>
<tr>
<td>Hospitality Report</td>
<td>14</td>
</tr>
<tr>
<td>GGAC</td>
<td>15</td>
</tr>
<tr>
<td>Clambake Flyer</td>
<td>16</td>
</tr>
<tr>
<td>Donation Inquiry</td>
<td>17</td>
</tr>
<tr>
<td>Meeting Minutes</td>
<td>17-20</td>
</tr>
<tr>
<td>Job Opening Notices</td>
<td>21-23</td>
</tr>
</tbody>
</table>

Statements made in this publication are not expressions of the Society or of the Chapter and may not be reproduced without special permission of the Chapter.
April 10, 2019 - ASHRAE CNY Chapter Monthly Meeting:

Program: NIMO Building Tour
Time: 5:30pm - 8:00pm PDH: 1
Location: NIMO Building—300 Erie Blvd W, Syracuse, NY 13202
Cost & Registration: via our website https://ashraecnw.wildapricot.org

May 08, 2019 - ASHRAE CNY Chapter Monthly Meeting:

Program: Design-Build-Operate-Maintain: What Could Possibly Go Wrong
Time: 5:30pm - 8:00pm PDH: 1
Location: Dinosaur BBQ—246 W Willow St, Syracuse, NY 13202
Cost & Registration: via our website https://ashraecnw.wildapricot.org

June 13, 2019 - Clam Bake:

Time: 4:00pm—8:00pm
Location: The Spinning Wheel—7384 Thompson Road, North Syracuse
Registration: See Clam Bake Flyer
As winter is gone and spring comes to CNY, our ASHRAE CNY Chapter monthly programs are also drawing to an end. Please join us for our last two meetings of the 2018-19 year in April or May.

March has been a busy month for the Chapter. First, we had a lot to cover in our March meeting on March 13th. Our Chapter thank FW Webb for their sponsorship for the reception hour before the main program! Daryl Schoellkopf with FW Webb also gave an in-depth presentation on Steam Trap Sizing and Selection Guideline. It was very well received by industry engineers and students from SUNY Canton and OCM BOCES, we were glad to have the students and their advisors joining us for the meeting.

We also dedicated our March meeting to our Chapter past presidents, several of them joined us. We sincerely thank them for their leadership for our local Chapter in the past and their continuous contribution to our current Chapter board! We were also honored to recognized the following two individuals: current Chapter Historian Bill and Garrett.

We were glad to present this our own Chapter Scholarship to Garrett and his family. This Society’s Chapter Scholarship is available to a qualified undergraduate mechanical or architectural engineering student or engineering technology student enrolled full-time at a post-secondary educational institution within the geographic boundaries of the Central New York Chapter. More information about the ASHRAE Society’s Central New York Chapter King-Traugott Scholarship can be found here: https://www.ashrae.org/communities/student-zone/scholarships-and-grants/ashrae-society-chapter-scholarships

Garrett Fields from SUNY Canton won the Society’s Central New York Chapter King-Traugott Scholarship for the 2019-2020 academic year in the amount of $3,000.

William Walter, Chapter Historian (retired from Carrier), will be honored with the ASHRAE Exceptional Service Award at the Society’s Annual Conference in Kansas City, Missouri.
We are also pleased to have our Chapter Hospitality Chair Robert attending the YEA Leadership Weekend 1.0 in Portland, Oregon in mid March with a scholarship from ASHRAE Region I. Please refer to his article for his experience from the weekend, and we encourage more local YEA members to take advantage of the scholarship and training opportunities ASHRAE provided. More information about ASHRAE YEA Leadership Weekend can be found here: https://www.ashrae.org/communities/young-engineers-in-ashrae-yea/yea-events-and-programs/yea-leadership-weekend

Our Chapter Sustainability Project at the Oswego County Opportunities’ Transitional Living Home in Fulton has significant progress the past few months. The new furnace has been installed with the support from our Chapter volunteers led by Charlie and other contractors. The newly installed furnace in the basement serves the first floor, and the new LED lighting fixtures are expected to be installed in the next month or so. Please refer to Charlie’s article for the progress of the Project.

To support local conferences and organizations, our Chapter sponsored $1,000 (Bronze Sponsorship) for the New York State Green Building Conference organized by SUNY ESF. We will have a table during the conference in Syracuse on April 17 and 18, please stop by if you are attending the conference.

Our Chapter sponsored Senior Project at Syracuse University has been going well, and it almost draws the final phase of the project. The board members are excited to hear from these SU senior students about their project and lessons learned before their final exam this spring semester.

Also join me to welcome our new members this month, we look forward to seeing you in our April or May meetings or summer events. Please refer to our Membership Promotion Chair Derek’s article for details.

Mr. Raymond A Hickey
Mr. Nitish Suresh

As spring is here, our annual Clambake and Golf Tournament is under way, the registration will be open soon. Please remember that our Annual Clambake is at the Spinning Wheel in North Syracuse. We are looking forward to seeing new and familiar faces there! If your company plan to sponsor, please contact Steve or Tim for details, we appreciate your continuous support in advance! Please refer to the attached flyer for details.

Finally, as ASHRAE Regional Vice Chair for YEA, I had the pleasure to visit and speak in Boston Chapter. As the largest Chapter in our Region, Boston Chapter is well organized and has great attendance in their monthly meetings (with their unique programs and scholarships as well). It was about 100 people during March meeting – excellent attendance and worth all other chapters in the Region to learn from. This is my last Chapter visit as Region I RVC YEA, I encourage all Young Engineers in ASHRAE to get actively involved in Chapter and Region and Society levels, because I believe you belong here and ASHRAE provides excellent learning opportunities for your career and life!
Please take the opportunity to look at our Chapter 2019-2020 Board of Governors. Hope to see you in our April meeting in Dinosaur BBQ!

Sincerely,

CL

Chonghui Liu
ASHRAE CNY Chapter President 2018-2019

2019-2020 ASHRAE CNY BOARD OF GOVERNORS

2019-2020 CNY ASHRAE OFFICERS

President: Geoff Sincavage
President Elect: Enrica Galasso
Vice President: Chris Devins
Treasurer: Matt Clark
Secretary: Robert Romeo
Clambake Chair: Steve Sill
Hospitality Chair: Rich Bardell
Membership Promotion: Derek Birdsall
Research Promotion: Tim Anderson
YEA & Student Activities: Andrew Brownell
Historian: Bill Walter
Grassroots: Brendan Hall
Webmaster: Richard Kimball
Refrigeration: Charlie Bertuch
HVAC Trade Show: John McBlane
Honors and Awards: Steve Sill
Past President/Steamboat Challenge/Engineering Expo – Chonghui Liu
ANNOUNCEMENT

For those who need PDH from our Chapter March meeting, please contact Enrica Galasso, Chapter Program Chair, at c010vp@ashrae.net. We apologize for any inconvenience, and we continue looking for any feedback for our Chapter programs.

CL
ASHRAE CNY Chapter President 2018-2019

MEMBERSHIP PROMOTION REPORT

Please welcome the following members to the CNY Ashrae Chapter:

Mr. Raymond A Hickey            Mr. Nitish Suresh

Please join us at Dinosaur BBQ@ 6PM the 2nd Wednesday of every month until May. We all look forward to seeing you there!

Current Members if you have 12 society approved years please make sure your ASHRAE membership is at MEMBER grade. In order to become MEMBER grade your profile must be updated with your experience. Please feel free to contact Derek Birdshall Chapter MP at 315-726-2255 with any questions.

Derek Birdshall
Membership Promotion
Application for Student Membership

Join online at ashrae.org/students

At the student branch level, you'll enjoy meeting other students with similar interests – if your school hasn't yet started a student branch, take charge and contact a faculty member and ask for help on getting started!

Why ASHRAE?

- Discounts on publications, conferences, and continuing education opportunities
- Society and chapter-level scholarships for both undergraduate and graduate engineering students
- Discounts for student members on select publications
- Digital access to the monthly ASHRAE Journal, the Technology Portal, the quarterly High Performing Building Magazine, and Science and Technology for the Built Environment (STBE)
- Participate in events with your local ASHRAE Chapter
- Find internships and jobs at jobs.ashrae.org
- Senior Undergraduate Project Grant Program
- Discounted ASHRAE Annual and Winter Conference registration (AHR Expo, Student Program, Technical Sessions)
- Gain essential skills not taught in class
- Make great new friends!

Developing Economies Program for Students

Students who reside in countries categorized as “Low Income” and “Lower Middle Income” developing economies by the World Bank List of Economies statistics are eligible to participate in this program. Students in this program receive all the benefits of regular student membership, including online access to the ASHRAE Journal (digital access only - participants will not receive a monthly printed copy of the ASHRAE Journal).

Visit www.worldbank.org for a listing of qualified countries: Low Income and Low Middle Income only. If you currently reside in one of the countries listed in those categories, simply check the box marked ‘Developing Economies Program’ in the ‘Purchases’ section of this application.
ASHRAE Student Membership Application valid July 1, 2018 through June 30, 2019

1. Contact Information. □ Mr. □ Miss □ Ms. □ Mrs. *Birthday (required) _______ / _________ / _________  
   (Month) (Day) (Year)

Name ____________________________________________________________
   (First) (Last)

Primary Address (where all correspondence will be mailed)       Alternate Address
Address __________________________________________________________
   __________________________________________________________
   __________________________________________________________

City ___________________ State/Province __________ City ____________ State/Province __________

Zip/Postal ___________ Country ________________________________ Zip/Postal ___________ Country ______________

E-mail __________________________________________________________

Phone: __________________________ Phone: __________________________

☐ I would like to receive occasional student updates via email. □ I would like to participate in the ___________ ASHRAE Chapter.

2. Student Branch Information. School Name: __________________________
   Address: ______________________________________________________
   City: __________________________ State/Province: __________ Postal Code: __________

3. Education. Classification: Freshman □ Sophomore □ Junior □ Senior □ Masters/PhD. □

   Full time □ Part time □ Degree: __________________________ Expected Graduation Date: __________
   (MM/DD/YYYY)

4. Sponsor Information.

   All student applicants must have the name and member number of an ASHRAE member serving as their student sponsor. If your Student Branch Advisor is an active Associate or Member of ASHRAE, he/she can serve as your sponsor. If you need assistance locating a sponsor, please email students@ashrae.org or call 678-539-1212. Also, you must list the name, phone and email address of your faculty advisor or course instructor.

   Sponsor Name: __________________________ ASHRAE Member #: __________________________

   Advisor/Instructor: __________________________ Email: __________________________

5. Purchases.

   □ Student Membership - Regular: $21  □ Student Membership - Developing Economies Program (see reverse for qualifications) $11
   □ Printed Edition of the current ASHRAE Handbook: □ I-P □ SI  Student Member Price: $49.00
   □ PDF Version of the ASHRAE Handbook (Includes both I-P and SI Units) Student Member Price: $39.00
   □ ASHRAE Handbook Online - One Year Subscription to all four volumes of the Handbook series: $33.00

*Additional publications are available at student member discounts at ashrae.org/studentbookstore

6. Payment. □ Visa □ Mastercard □ Amex □ Diner's Club □ Check/money order**

   Card # __________________________ Expiration Date _______ / ________
   (Month) (Year)

   Total Amount: ___________ Signature __________________________

   CHECKS WILL BE ACCEPTED IN US AND CANADIAN FUNDS. CREDIT CARD PAYMENTS ACCEPTED IN US FUNDS ONLY
MEMBERSHIP

WHO ARE ASHRAE MEMBERS?
Members are represented by consulting engineers, mechanical contractors, building owners, employees of manufacturing companies, educational institutions, research organizations, government, architects, students or anyone concerned with HVAC&R for the built environment.

WHICH MEMBER TYPE IS RIGHT FOR YOU?
ASHRAE has three grades of membership awarded to applicants based on their experience and participation in the industry. Before you apply and select a member grade, we encourage you to visit the ASHRAE website to see the member grades and their corresponding member benefits. Prices shown are in US currency.

Member ($209)
Available to anyone with 12 years or more ASHRAE approved experience in the HVAC&R Industry.

Associate Member ($209)
Available to anyone with less than 12 years of ASHRAE approved experience in the HVAC&R industry.

Affiliate Member
($53 first year, $79 second, $105 third)
Affiliate grade is for individuals who are new to ASHRAE (no previous membership in ASHRAE) and are age 30 or younger. It provides a great beginning for young professionals who wish to become involved in ASHRAE. (Does not include the annual member benefit of the ASHRAE Handbook).

Privacy Policy: By supplying your email address you are agreeing to receive electronic communications from ASHRAE, with the knowledge that you may opt-out of certain electronic communication once you become a member. Please visit ashrae.org/privacypolicy for additional information.

MEMBER BENEFITS AND RESOURCES

PUBLICATIONS & RESOURCES
• ASHRAE Handbook (Available to Members and Associates) in print or PDF, as well as a 12 month complimentary subscription to the Handbook Online, which provides online access to the most recent 4 volumes of the Handbook series.
• Monthly ASHRAE Journal in print and online
• Quarterly High Performing Buildings magazine in print and online
• e-Industry and eSociety electronic newsletters
• Access to members-only resources through ASHRAE.org, the Technology Portal, and Science and Technology for the Built Environment (STBE)
• Discounts on over 300 of the industry’s leading technical publications

PROFESSIONAL EDUCATION AND CAREER DEVELOPMENT
• Discounted registration for education courses through the ASHRAE Learning Institute, as well as ASHRAE certification programs
• Earn PDHs/CEUs/AIA LUs to maintain your professional designation/license with courses, seminars, and webcasts
• Gain industry knowledge, communication, and management skills by participating in ASHRAE technical programs or committees
• Post jobs or seek employment utilizing jobs.ashrae.org

NETWORKING
• Connect locally, regionally and internationally with over 57,000 members in over 180 chapters worldwide
• Learn, share, and grow at the Annual and Winter Conferences, and ASHRAE technical committees
• Participate in your local chapter or regional meetings and events

Code of ethics: By submitting this application you are agreeing to abide by the ASHRAE Code of Ethics, found at ashrae.org/codeofethics.
ASHRAE MEMBERSHIP APPLICATION. Please complete each applicable section. Prices valid from 7/01/2018 - 6/30/2019.

1. Contact Information.
   □ Mr. □ Miss □ Ms. □ Mrs. □ Dr. *Birthday (required) ________/______/______
   (Month) (Day) (Year)
   Name __________________________
   (First) __________________________
   (Middle) __________________________
   (Last) __________________________
   (Designation) __________________________
   Primary Address __________________________
   This is a □ Home □ Business
   Company Name __________________________
   Address __________________________
   City __________________________ State/Province __________________________
   Zip/Postal __________________________ Country __________________________
   E-mail __________________________
   Telephone __________________________ Cell __________________________
   Name/Chapter of referring member (if applicable): __________________________

2. Member Grade.
   For additional Information on member grades and benefits see reverse or visit ashrae.org.
   □ Member — $209 (must complete section 2a)
   □ Associate Member — $209
   □ Affiliate Member — $53 first year/$79 second/$105 third (new members, under 30)
   □ Reinstall my previous membership. Previous member number: __________________________

2a. Biographical Information. ONLY Member Grade applicants must complete this section.
   Use additional sheets or attach resume if necessary. Associate and Affiliate grade applicants do not complete this section.
   School __________________________ Location __________________________ Dates of Attendance __________________________
   Degree/Course of Study __________________________
   Educational Record
   Employer __________________________ Location __________________________ Dates of Employment __________________________
   Position/Title __________________________
   Qualifying Work Experience
   Professional Engineering Registration Information
   License Number __________________________ Date Issued __________________________ Field of Registration __________________________
   Location of Registration __________________________

3. Demographics. Please answer the questions by entering the codes in the space provided.
   Which best describes your title? __________________________
   □ B- President □ C- Partner □ D- Associate □ E- Owner □ F- Vice President □ G- VP Eng. Chief Engineer □ K- Design Eng/Designer □ L- Pro/ Application Eng. □ O- Facility Eng./Mngr. □ P- R&D Eng. □ R- Sales Engineer
   Which best describes your firm? __________________________
   Which best describes your function? __________________________
   □ 1- Design/Application □ 2- Manufacturing □ 3- Maintenance Operations □ 4- Management
   □ S- Purchasing Agent □ T- Draftsman □ U- Estimator □ W- Technician □ X- Instructor □ Y- Student □ Z- Librarian □ ZZ- Other

4. Areas of HVAC&R Interest. Enter the code for your area of interest from the list below:
   Code: __________________________
   Heating __________________________ Refrigeration __________________________
   A- Hydronic □ B- Forced Air □ C- Steam □ D- Process □ E- Service Water □ F- Solar □ G- Radiant
   Ventilating & AC __________________________ General Areas __________________________
   □ H- Air Cleaning □ J- Industrial □ K- Clean/Computer Room □ L- AC Equip. <20 tons □ M- MC Equip. >200 tons □ N- AC Equip. >200 tons □ P- Air Handling Systems □ Q- Evaporative Coolers □ R- IEO

5. Handbook Preference. New Members and Associate Members receive a 12 month complimentary subscription to the Handbook Online, which includes access to the most recent 4 volumes of the Handbook. If you would like a print copy of the ASHRAE Handbook in addition to this subscription, please choose either IP or SI version below. Handbooks are printed and mailed to members annually in June.
   □ IP (inch/pound units), print with PDF
   □ SI (metric units), print with PDF
   □ PDF only (IP & SI)

6. Privacy Notice. If you DO NOT wish to receive 3rd party physical mailings, please check here. □

7. Include chapter membership dues: □ Dues Amount: __________ Paying chapter dues is encouraged but not mandatory, and can be paid separately to the Chapter at anytime. Contact chapter officers for amount. Add this amount to your Society dues in the “Total Amount” of the payment section below.

8. Payment. □ Visa □ Mastercard □ Amex □ Diner’s Club □ Check/money order**
   Card # __________________________ Expiration Date ________/______/______
   (Month) (Year)
   Total Amount: __________________________ Signature __________________________
   CHECKS WILL BE ACCEPTED IN US AND CANADIAN FUNDS. CREDIT CARD PAYMENTS ACCEPTED IN US FUNDS ONLY.
What is the SmartStart program?
Simply put, it’s the best way for ASHRAE Student members to receive the many benefits of Associate grade membership after finishing college. SmartStart is a 3-year program that allows Student members to transfer to Associate grade membership at a rate that is recent-graduate friendly.

Price
SmartStart pricing structure is based on a gradual increase in membership dues to assist those just starting out, like yourself.
First Year: $21
Second Year: $79
Third Year: $105

Why Transfer to Associate membership?
- Take advantage of the networking and professional development opportunities offered through Young Engineers in ASHRAE (YEA)
- Tremendous networking opportunities at the Chapter, Regional, and Society level
- The ASHRAE Handbook — the indispensable, industry-wide resource for all HVAC&R professionals
- ASHRAE Journal — this monthly resource is the most trusted technical magazine in the HVAC&R community
- High Performing Buildings — the quarterly magazine for innovation in building technology design and operation
- HVAC Industry News — a weekly news resource keeping ASHRAE members abreast of the latest industry news
- Access to more than 300 of the industry’s leading technical publications
- Access to online education, webcasts and professional development opportunities

why transfer?
real students.
real reasons.

William Mak
Chicago, Illinois
B.S. in Architectural Engineering,
Milwaukee School of Engineering

Why an engineering career in HVAC&R?
I wanted to pursue an industry that related energy usage, buildings and people.

What has ASHRAE meant for your career?
Through ASHRAE, I have developed valuable connections with people in the field locally and the technical database that comes with membership is priceless. In addition, by getting involved with Young Engineers in ASHRAE (YEA), I have been able to network with other people in the industry in my age group and at a similar place in their career.

Advice to students
Take advantage of resources, discover what you are passionate about and get outside of your comfort zone once in a while. The more you get involved with ASHRAE, the more you will get back in return.

Visit ashrae.org/yea for more information.
1. Contact Information. Member Number:________________________   *Birthday (required) __________ / __________ / __________

(First)   (Middle)   (Last)   (Designation)
Name ____________________________________________________________
Primary Address   This is a □ Home □ Business
Company Name__________________________________________________
Address _________________________________________________________
City __________________ State/Province ___________________________
Zip/Postal________________ Country_______________________________
E-mail __________________________ Cell _____________________________
Alternate Address   This is a □ Home □ Business
Company Name__________________________________________________
Address _________________________________________________________
City __________________ State/Province ___________________________
Zip/Postal________________ Country_______________________________
Alternate E-Mail_________________________________________________
Preferred Chapter □ Home □ Business □ Other ______________________

3. Areas of HVAC&R Interest. Enter the code for your 1st, 2nd and 3rd area of interest from the list below:
1. __________   2. __________   3. __________

General Areas
1- Controls/Instrumentation
2- Heat Transfer Fluid Flow
3- Pipes, valves, fittings
4- Refg. & Lubrications
5- Sound & Vibration
6- Insulation
7- Energy Recovery
8- Food Application
9- Health, Safety
Ventilating & AC
H- Air Cleaning
J- Industrial
K- Clean/Computer Room
L- AC Equip. ≤20 tons
M- AC Equip. 20-200 tons
N- AC Equip. > 200 tons
P- Air Handling Systems
Q- Evaporative Coolers
R- IEQ

Heating
A- Hydronic
B- Forced Air
C- Steam
D- Process
E- Service Water
F- Solar
G- Radiant

Refrigeration
S- Unitary Refrigeration
T- Commercial Refg.
U- Industrial Refg.
V- Process Refg.
W- Low Temp (<60F)
X- Refg. Components

2. Career. Please answer the questions by entering the codes in the space provided.

Which best describes your firm? __________
11- Consulting Eng.  43- Utility
12- Architectural & Eng  51- Manufacturer
21- Contractor  62- Sales Engineering
26- Property Mgmt & Dev.  71- Wholesaler/Dist.
31- Industrial Facility Mgt.  83- Library
41- Commercial Facility Mgt.  84- Association
42- Govt, Healthcare, Education  91- Other

Which best describes your title? __________
A- Corporate Level
AA- Engineering Mgmt
B- President
BB- Engineering Staff
C- Partner
D- Associate
E- Owner
F- Vice President
G- VP/Chief Engineer
K- Design Engineer

Which best describes your function? __________
1- Design/Application  6- Research
2- Manufacturing  7- Teaching
3- Maintenance Operations  8- Other
4- Management
5- Sales

4. Handbook Preference. As a new Associate member you will receive a 12 month complimentary subscription to the Handbook Online, which includes access to the most recent 4 volumes of the Handbook. If you would like a print copy of the ASHRAE Handbook in addition to this subscription, please choose either IP or SI version below. Handbooks are printed and mailed to members annually in June.

□ IP (Inch/pound) print with PDF
□ SI (metric), print with PDF
□ PDF only (I-P & SI)

6. Privacy Notice. If you DO NOT wish to receive 3rd party PHYSICAL mailings, please check here: □

5. Signature.

sign

date

7. Payment. □ $205 (3 years: $21-$79-$105) □ $21 (First year only)

□ Visa □ Mastercard □ Amex □ Diner's Club □ Check/money order**

Card # ____________________________ CVV ________ Expiration Date ____/____

Total Amount: __________________ Signature __________________

CHECKS ACCEPTED IN US AND CANADIAN FUNDS. CREDIT CARDS ACCEPTED IN US FUNDS ONLY.
2019 ASHRAE
Region I CRC
- SPONSORSHIP -

PLATINUM - $5,000
ALL ITEMS FROM GOLD PLUS:
- FOURSOME AT CRC 2019 GOLF
- 2 TICKETS TO SATURDAY AWARDS LUNCH
- 2 TICKETS TO THURSDAY RECEPTION DINNER
- FULL PAGE AD IN CRC PROGRAM

GOLD - $2,500
ALL ITEMS FROM SILVER PLUS:
- SPECIAL THANKS AT ALL CRC EVENTS
- LOGO ON CRC 2017 & ASHRAE NF WEBSITES
- LOGO ON SIGNS AT 2019 CRC
- LOGO ON SPONSOR POSTER AT NF ASHRAE MEETINGS THE ENTIRE YEAR
- HALF PAGE AD IN CRC PROGRAM

SILVER - $1,000
ALL ITEMS FROM BRONZE PLUS:
- SPECIAL THANKS AT AWARDS LUNCH
- NAME ON CRC BROCHURES
- NAME ON CRC SIGNS (NO LOGO)
- NAME ON CRC POSTER AT NF CHAPTER MEETINGS ENTIRE YEAR (NO LOGO)

BRONZE - $500
- NF NEWSLETTER LISTING
- NF WEBSITE LISTING
- 2019 CRC WEBSITE LISTING
- (2) TICKETS TO RECOGNITION BREAKFAST

CHECKS PAYABLE TO:
NIAGARA FRONTIER ASHRAE
HOSPITALITY CHAIR REPORT

A weekend in Portland for YEA Leadership Weekend 1.0

Bringing young engineers from across the country as well as Canada, the YEA Leadership Weekend was a great way to network with others within ASHRAE and to take time to have guided self-reflection. Once all of the introductions were made, it was straight to team building activities that had each group working together and dividing tasks with little to no input from the facilitators. It had everyone laughing together as we all struggled to relay the information “telephone” style from one person in our group looking at a design all the way to the last person in the group building the Lego. Along with Lego building, there was a group scavenger hunt that brought each and every group all around downtown Portland looking for things that are iconic to the city, it was a great way to get some people that have never been to Portland before to get to explore the city in a fun way.

Saturday and Sunday were days packed with learning how a trait test that was taken well in advance to the weekend, impacts your day to day work and personal life. The wonderful subject matter expert, Ralph Kison, was able to share experiences from previous leadership weekends and how everyone from the weekend walks away with a different take away. During the days there were more group activities that brought people together with both similar and different trait types so that each person can learn what someone with a different trait type goes through on a daily basis compared to what you go through on a daily basis, whether or not you have the same or different trait type. All throughout the weekend there was plenty of self-reflection as presentations were going on because it made you think about how you go about your daily business from different perspective than many would have on a regular basis.

Overall, the YEA Leadership Weekend 1.0 is well worth the weekend that you forfeit at home to be with others from ASHRAE learning how to better yourself as a leader in your personal life as well as your professional life. The facilitators at this event were very insightful to the weekend since they all had participated the weekend previously, but their level of involvement was very much noticed and appreciated with such a well-planned weekend that I would personally recommend to any and everyone involved with ASHRAE.

Robert Romeo
Hospitality Chair
Governor Cuomo Announces Launch of $30 Million "Buildings of Excellence" Competition to Advance Innovative Low- and Zero-Carbon Emitting Building Projects

Governor Andrew M. Cuomo today launched the $30 million "Buildings of Excellence" Competition to advance the design, construction and operation of low- or zero-carbon emitting buildings that also provide comfortable, healthy and affordable living and working spaces. New Yorkers pay about $35 billion annually for electricity and heating fuels, and buildings account for 59 percent of statewide greenhouse gas emissions. The competition is part of Governor Cuomo's goal to transform New York's entire building stock as part of his nation-leading Green New Deal, a clean energy and jobs agenda that puts New York State on a path to a carbon-free economy. It also supports the State’s goal of reducing greenhouse gas emissions to 40 percent below 1990 levels by 2030.

Eligible projects that will be awarded must be in one of the following four phases:

- **Early Design** - Projects in the schematic design or design development phase; eligible for an award of up to $1,000,000.
- **Late Design** - Design development is complete, and the construction documents are being developed, but the building permit has not yet been issued; eligible for an award of up to $750,000.
- **Under Construction** - If the building permit has been issued, but the first Certificate of Occupancy, whether temporary or permanent, has not been issued; eligible for an award of up to $500,000.
- **Post-Completion Performance Optimization** - Projects must show how additional proposed enhancements and/or optimizations demonstrate replicability and improve the living environment; eligible for an award of up to $250,000.

https://www.nyserda.ny.gov/All-Programs/Programs/Multifamily-Buildings-of-Excellence

**Solara Apartments Ribbon Cutting Event**

**Tuesday, April 16th. 1-4p.**

You're invited to the grand opening of Solara Apartments, a new multifamily development that is close to completion in Rotterdam, New York and to discuss low carbon economic development.

NYSERDA is using this event as an upstate launch of the Buildings of Excellence Competition where they will highlight their partnerships with ASHRAE and AIA.

This is the second net zero multifamily development that developer, David Bruns, has established in the area. Advanced manufacturing and development projects like this create jobs, promote a stronger local economy, and make buildings more efficient, comfortable and resilient. The site is a ground-breaking luxury apartment community using state-of-the-art, eco-friendly renewable and energy efficient technologies. Built to net zero standards, and conceptually based on his earlier success, Net Zero Village, the completion of the Solara Apartments is another important step towards New York’s carbon-neutral future.

https://www.nyserda.ny.gov/ny/solara-event

Brendan Hall
Grassroots
It’s Clam Bake Time!!!
The Spinning Wheel
7384 Thompson Road, North Syracuse

Central New York Chapter

Thursday June 13, 2019, 4—8 PM

Food, Fun & Drink all included
—Ticket Price $60.00/pp

Major Raffles items
50/50 Raffle
DJ Entertainment

Contact for Information: Steve Sill—stevesill1966@hotmail.com / 315-380-1427
Tim Anderson—tima@rl-stone.com / 315-380-5863

For Tickets: bhenderson@syracusethermal.com

ASHRAE Supports K-12 STEM Initiatives in schools & Community Sustainability Projects
Dear Sir/Madam:

Hello, I am Steve Sill, Clambake Chairman of the Central New York Chapter of ASHRAE. I am sending this letter as an inquiry requesting donations for the CNY Chapter Clambake that will be hosted at Spinning Wheel in Syracuse, June 13, 2019.

This event’s attendance is over 1000 people who are in various HVAC professions from across New York State. Our chapter is contacting various local businesses in our regions’ territory for donations for door-prize gifts. We are hopeful that your business could provide us with a charitable donation for this event. We are a not-for-profit organization and will provide you the necessary paperwork if necessary.

I appreciate you taking the time to consider this request. Any questions feel free to contact me at 315-380-1427 anytime.

Cordially,

Steven Sill
Clambake Chair
At this point, I am hoping for mid- to late January start. I don’t think equipment lead time will be an issue. We will probably need to start cutting checks around that time.

I understand the water heater installation will be by JCI (Steve is coordinating). They will need to provide an insurance certificate naming OCO as additionally insured. They will also require a permit. I suggest someone from JCI contact Christian directly to discuss. I would think that piece of the project could start at any time. Same with the lights (which we will need to pay for).

HVAC Trade Show:
(J. Macblane) – Successful event. For next year, we could do a meeting/Trade Show, but not a program (presentation for PDH hours).

CNY Steamboat Challenge:
(C. Liu) – Wasn’t expensive because they waived the rental fee.

CNY Engineering Expo:
(C. Liu) – Went really well.

Clambake Committee:

Central NY ASHRAE
Board of Governors Meeting
Minutes from January 9th, 2019

Motion to Approve the Clambake Call Minutes: 5:12 PM
Moved by: Chris Devins
Seconded by: Geoff Sincavage
Vote count: For: 9 Against: 0 Abstained: 1

New Business:

Next Month Meeting:
Meeting Adjourned: 5:20 PM

Motion: $500 for YEA/MP event at Flamingo Bowling
Moved by: Zack DeHaas
Seconded by: Chonghui
Vote count: For: 11 Against: 0 Abstained: 0

Hospitability:
(R. Romeo) – No report

Historian:
(Walter) – Updated PAOE points

Electronic Communications:
(R. Kimball) – No report

Refrigeration:
(C. Bertuch) – No report

GA:
(Brendan Hall) – asking for help for ALI coordinating with other chapters and NYSERDA for trainings

HVAC Trade Show:
(J. Macblane) –

CNY Steamboat Challenge:
(C. Liu) –

CNY Engineering Expo:
(C. Liu) –

Clambake Committee:
(S. Sill) –

Unfinished Business:

New Business:

Sustainability Project:
(C. Bertuch) – Two checks sent for sustainability project $3,650 and $2,000 out of the $18,400 (approved in October 2017 meeting minutes) budgeted and CL will sign contracts. Asked that once a day we show up to represent ASHRAE for project. Charlie will send out doodle to sign up. Encourage to bring donuts.

Motion: to approve new bylaws
Moved by: Chonghui
Seconded by: Brendan Hall
Vote count: For: 11 Against: 0 Abstained: 0

Next Month Meeting:
Meeting Adjourned: 5:30 PM

Motion: Meeting adjourned
Moved by: Chris Devins
Seconded by: Zack DeHaas
Vote count: For: 11 Against: 0 Abstained: 0
Central NY ASHRAE
Board of Governors Meeting
Minutes from February 20th, 2019

Location: Dinosaur BBQ
Attendees: Chonghui Liu, Chris Devins, Charlie B., Andrew Brownell, Zack DeHaas, Tim Anderson, Robert Romeo, John Macblane, Brendan Hall, Enrica Galasso, Geoff Sincavage,

Meeting Started: 4:35 PM
Motion: Approve Previous meeting minutes with date change
Moved by: Chonghui
Seconded by: Enrica Galasso
Vote count: For: 10  Against: 0  Abstained: 0

Officer Reports
President:
(C. Liu) – No Report
President Elect:
(G. Sincavage) – No Report
Vice President & Programs:
(E. Galasso) – National Grid is no longer going to do April tour Other options - Ask Bill if he would like to present. Chris Carrick is good option – ask Charlie or Brendan for contact. For May DL speaker meeting Chris - Trane will sponsor.
   Motion: Chapter to cover the bar
   Moved by: Enrica
   Second: Chris
   Vote count: For: 10  Against: 0  Abstained: 0
Treasurer:
(C. Devins) – sustainability project payments
   Motion: Approve treasurer’s report
   Moved by: Charlie B.
   Second: Robert
   Vote count: For: 10  Against: 0  Abstained: 0
Committee Reports
Research Promotion:
(T. Anderson) – Two donations ahead of last year at this time.
Membership Promotion:
(Derek Birdsall) – We have about 10 less members, we will likely get more membership as people start to renew.
Student Activities:
(A. Brownell) – Andrew contacted scholarship recipient – no response so far. Ask Richard to highlight on website to register by 22nd. SU senior project team will present at April meeting.

YEA:
(Z. DeHaas) – YEA event at Flamingo Bowling on a Wednesday next week. Ask Richard to highlight on website to register by 22nd.

Hospitality:
(R. Romeo) – No report
Historian:
(Walter) – Updated PAOE points
Electronic Communications:
(R. Kimball) – No report

Refrigeration:
(C. Bertuch) – No report
GA:
(Brendan Hall) – NYSERDA funding update (copy and paste from his email update sent earlier today) Would like us to have a table at state green building conference. Need volunteers from the chapter the day of. Get us on the list as a vendor suggested by Charlie.

HVAC Trade Show:
(J. Macblane) – Discussion needed for what we want to do next year. Trade Show like Boston chapter or just getting open bar sponsorship.

CNY Steamboat Challenge:
(C. Liu) – No Report

Honor and Awards:
(Charlie B.) – Suggested we create a new plaque for our award this year. Enrica and CL will work with him to put this together.

CNY Engineering Expo:
(C. Liu) – No Report

Clambake Committee:
(S. Sill) – Steve did not attend. Comments from the group to combined trade show and clambake in the future at the fairgrounds. We will stick with the spinning wheel for 2019. Plan is to work on new idea for 2020.

Unfinished Business:

New Business:
Sustainability Project:
(C. Bertuch) – Request to increase budget. The requested increase in budget is intended to add additional work to the project beyond the furnace upgrade. The amount requested falls within the original overall project budget and the previously approved use of the chapter opportunity fund award. Work to be added to the project should include additional building insulation, new refrigerators and/or freezers, LED lights, modification of basement ductwork.

Charlie’s email notes:
“When visiting the OCO site, I noted that the contractor planned on running 6” flex duct for most of the branches through the attic. While (possibly) appropriate for residential installations, I was not comfortable with this for the institutional OCO project and asked him to install 6” hard galvanized steel ductwork instead. 7” flex duct will be used as a “sleeve” to insulate the round branches.”
   Motion: Increase budget to $22,312 due to additional costs.
   Moved by: Charlie B.
   Seconded by: Chonghui
   Vote count: For: 11  Against: 0  Abstained: 0

Next Month Meeting: March 13th, 2019 @ 4:30PM
Measuring Adjourned: 5:30 PM
Motion: Meeting adjourned
Moved by: Chris Devins
Seconded by: Zack DeHaas
Vote count: For: 11  Against: 0  Abstained: 0

Statements made in this publication are not expressions of the Society or of the Chapter and may not be reproduced without special permission of the Chapter.
Central NY ASHRAE
Board of Governors Meeting
Minutes from March 13th, 2019

Location: Dinosaur BBQ
Attendees: Chonghui Liu, Chris Devins, Charlie B., Zack DeHaas, Matt Clark, Robert Romeo, John Macblane, Andrew Brownell, Geoff Sincavage, Tim Anderson, Derek Birdshall

Meeting Started: 4:32 PM
Motion: ApprovePrevious meeting minutes with date change
Moved by: Charlie
Seconded by: CL
Vote count: For: 11 Against: 0 Abstained: 0

Officer Reports
President:
(C. Liu) – Past presidents night. We only have 2 past presidents

President Elect:
(G. Sincavage) - Has BOG roster for next year. Only open spot is YEA chair

Vice President & Programs:
(E. Galasso) – Charlie and Enrica working on speaker for April. There is a DL that lives in Syracuse, Charlie will reach out to DL.

Treasurer:
(C. Devins) – 5-6k from Sustainability project
Motion: Approve treasurer’s report
Moved by: Derek
Second: Matt
Vote count: For: 11 Against: 0 Abstained: 0

Committee Reports
Membership Promotion:
(Derek Birdshall) – Overall above numbers from last year. Derek will pull full report for next month.

Research Promotion:
(T. Anderson) – Still pushing the golf tournament and clam bake. Will give a presentation during the meeting.

Student Activities:
(A. Brownell) – Spoke with Thomas (5k) about scholarship, not available to come to this meeting but will be here next month. Garret (3k scholarship) will be at this meeting. CL will present scholarship today.

YEA:
(Z. DeHaas) – Had YEA bowling event. Good turn out, but there was a snow storm so people backed out last minute.

Hospitality:
(R. Romeo) – No report

Historian:
(Walter) – No report

Electronic Communications:
(R. Kimball) – No report

Refrigeration:
(C. Bertuch) – No report

GA:
(Brendan Hall) – Bronze sponsorship for conference – New York State green building conference.

HVAC Trade Show:
(J. Macblane) – Will start reaching out to vendors to confirm they will participate.

CNY Steamboat Challenge:
(C. Liu) – No Report

Honor and Awards:
(Charlie. B) –

CNY Engineering Expo:
(C. Liu) – No Report

Clambake Committee:
(S. Sill) –

Senior Design Project:
(G. Sincavage) – Should be finishing up drawings soon. Should be moving into commissioning towards the end of the year.

Unfinished Business:

New Business:
Sustainability Project:
(C. Bertuch) – Furnace is up and operating, there were some issue with the distribution (undersized air duct). Seems to be working now. Currently trying to figure out if we should remove the boiler, we have not had a cold enough day to make decision. Gave them an option to leave old boiler until next year. Will decide soon. Had to order additional light fixtures.
Contractor has done return duct work – $1440
Waiting on water heater installation
Overall still well under budget.

Next Month Meeting: April 10, 2019
Meeting Adjourned: 5:19 PM
Motion: Meeting adjourned
Moved by: 
Seconded by:
Vote count: For: 11 Against: 0 Abstained: 0
Job Opening

Popli Design Group
http://www.popligroup.com/careers

Director, MEP Services, Popli Design Group
Syracuse/Rochester

PDG has an immediate position for a team-oriented Principal Mechanical Engineer to lead and manage our 20+ and growing multi-office department. Responsibilities include, but not limited to: day to day management of the group, design & manage projects as needed; QA/QC of projects; mentoring staff; client liaison, and new business development.

Requirements:
- BS/MS in Mechanical Engineering with PE registration (NY Required)
- Minimum 10 years’ hands on experience in designing and managing M/E/P Projects for public projects
- Effective Project Management and Leadership Skills
- Solid written and oral presentation skills
- Knowledge of codes and specifications.
- Experience with USGBC LEED projects preferred. Knowledge of Commissioning required. LEED AP certification preferred.
- Ability to manage production staff in Revit and Energy Modeling software
- Prior client experience with: DASNY, SUCF, OGS and other NYS Agencies, a plus

PDG Offers:
- Competitive compensation and Bonus plan
- Benefits package which includes medical, dental, vision, life insurance, and a 401(k) plan
- Relocation assistance package
- Ownership potential

*All resumes and inquiries will be received in confidence*
C&S Companies, operating for nearly 50 years, is a national planning, design and construction firm with over 400 employees and growing. C&S Companies delivers critical infrastructure design, planning and construction services in aviation, civil/site infrastructure, construction and program management, construction/design-build, energy, environmental, facilities, architecture, planning, sustainability and transportation.

Our headquarters is in Syracuse, NY with offices in New York State, California, Arizona, Ohio, Michigan, Florida and Pennsylvania.

At C&S Companies, we believe work environment, culture, and the opportunity to learn and grow are key elements when considering a new job. We are just the right size to provide the resources and support you need without the burdensome bureaucracy of a large corporate environment. To that end, we foster a family-friendly and supportive workplace; collaborative and employee-focused with an emphasis on quality, integrity, trust, fun and accountability.

Check out our latest opportunity...you will be glad that you did! To learn more about C&S Companies please visit us at www.cscos.com

Position Overview

C&S Engineers, Inc. is seeking a Mechanical/AVAC Engineer in our Syracuse office to provide mechanical design engineering in heating, ventilation and air conditioning (HVAC) building systems. We are looking for an individual with HVAC experience, who is a self-starter and highly motivated to work in a team environment on multi-discipline projects. Experience and/or interest in assisting with plumbing and fire protection design is highly desirable. This opportunity includes a great combination of inside and field-based activities. Most site visits involve local travel with occasional out of town travel for short periods.

Required Knowledge/Skills/Abilities

- Minimum three years of related experience with preference for applicants with industrial/manufacturing, commercial and aviation experience.
- Bachelor’s degree in Mechanical Engineering from an accredited engineering program.
- EIT certification (or intent to pursue in near future).
- Experience with Autodesk Revit and AutoCAD.
- Must have current HVAC design experience (experience and/or interest in plumbing and fire protection design is highly desirable).
- Self-starter and highly motivated to progress in career path with a growing firm.
- Effective time-management, written and oral communication, analytical, and interpersonal skills.
- Ability to provide value-oriented design suggestions, review drawing and documents to assure compliance with company design & production standards.
- Experience in contract document preparation, ability to read construction plans and specification and general knowledge of construction administration.

To learn more about C&S Companies please visit us at: www.cscos.com

C&S in an Equal Opportunity Employer/Protected Veterans/Individuals with Disabilities.
Job Posting: Senior Mechanical Engineer – Buildings – Endicott, New York

The buildings that make up the landscape of our daily lives seem like permanent fixtures, fastened to a time and place. But what if that didn’t have to be true? What if our built environment — where we live, learn, play, and conduct business — carried us forward instead?

Our Buildings practice keeps people at its heart, recognizing that our shared journey forward is shaped by the meaningful and responsive places we design. From iconic designs to monumental groundbreakings, join us to bring transformational building solutions to life. Every day we apply our expertise, creativity, and passion to propel communities into the future—join us!

Your Key Responsibilities

- Preparation of specific project proposals and resulting contracts, project implementation plans, resource planning, quality control and design review, project team review and coordination, client and financial management.
- May assist as Mechanical Engineering Lead overseeing the engineering & design of plumbing / fire protection / HVAC and other mechanical systems for new and renovated buildings.
- Mechanical engineering - Actual designs including the completion of code reviews, preparation of the basis of design, system calculations, mark-up of drawings, specification preparation, field investigations, construction estimating and site inspections and other such design as required to execute the mechanical construction for new or renovated buildings.
- May perform Project Manager duties as needed.
- Some travel to site locations or other Stantec offices may be required.

Your Capabilities and Credentials

- Registered PE in the state of New York desired, registration in other states a plus
- Must have strong Mechanical Engineering skills in the area of Plumbing, Fire Protection, HVAC and related mechanical systems
- Prior management experience is a plus
- Prior consulting engineering experience is required
- Experience using AutoCAD, Revit, Trane Trace or eQuest is a plus
- Excellent verbal and written communication skills
- Excellent interpersonal skills with team members and clients

Education and Experience

Bachelor’s degree in Mechanical Engineering

A minimum of 8 – 12 years’ experience is required

This description is not a comprehensive listing of activities, duties or responsibilities that may be required of the employee and other duties, responsibilities and activities may be assigned or may be changed at any time with or without notice.

Stantec is a place where the best and brightest come to build on each others’ talents, do exciting work, and make an impact on the world around us. Join us and redefine your personal best.

Job: Mechanical Engineer

Primary Location: United States-New York-Endicott
Employee Status: Regular
Job Level: Individual Contributor
Travel: No
Schedule: Full-time
Job Posting: Aug 15, 2018, 7:49:06 AM
Req ID: MIG-34052

To apply, please visit the job posting on Stantec’s website.