TABLE OF CONTENTS

Chapter Officers 2
Program Schedule 2
President’s Message 3-4
Memorial 6
Clambake Update 6
Clambake Flyer 6
Research promotion Report 7
Member Promotion Report 7
Student Member App. 8-9
Member Application 10-11
Student Transfer App. 12-13
Region I CRC Sponsorship 14
ZNE Training Flyer 15
GWT Factory School Flyer 16
Tour Flyer 17
Job Opening Notices 18-22
<table>
<thead>
<tr>
<th>MAY 2019</th>
</tr>
</thead>
</table>

**Chapter Officers & Chairs**

<table>
<thead>
<tr>
<th>Position</th>
<th>Name</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>President</td>
<td>Chonghui Liu</td>
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<tr>
<td>President Elect</td>
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</tr>
<tr>
<td>VP &amp; Program Chair</td>
<td>Enrica Galaso</td>
<td><a href="mailto:c010vp@ashrae.net">c010vp@ashrae.net</a></td>
</tr>
<tr>
<td>Secretary</td>
<td>Matt Clark</td>
<td><a href="mailto:c010sec@ashrae.net">c010sec@ashrae.net</a></td>
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<tr>
<td>Treasurer</td>
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</tr>
<tr>
<td>Past President</td>
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<td><a href="mailto:stevesill1966@hotmail.com">stevesill1966@hotmail.com</a></td>
</tr>
<tr>
<td>CTTC</td>
<td>Enrica Galaso</td>
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</tr>
<tr>
<td>Historian</td>
<td>Bill Walter</td>
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<td>Hospitality</td>
<td>Robert Romeo</td>
<td><a href="mailto:robert.joseph.romeo@jci.com">robert.joseph.romeo@jci.com</a></td>
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<tr>
<td>YEA</td>
<td>Zack DeHaas</td>
<td><a href="mailto:c010yea@ashrae.net">c010yea@ashrae.net</a></td>
</tr>
<tr>
<td>Webmaster</td>
<td>Richard Kimball</td>
<td>(315) 632-0088</td>
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<tr>
<td>GGAC</td>
<td>Brendan Hall</td>
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<tr>
<td>Chapter Refrigeration Chair</td>
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<tr>
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<tr>
<td>Clambake Chair</td>
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<tr>
<td>HVAC Trade Show Chair</td>
<td>John Macblane</td>
<td>jmacblane@ipdengineering</td>
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<tr>
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</tr>
<tr>
<td>Chapter STEM Champion</td>
<td>Steven Sill</td>
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</tr>
<tr>
<td>CTTC</td>
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**ASHRAE CNY CHAPTER PROGRAM SCHEDULE**

**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://ashraecny.wildapricot.org](https://ashraecny.wildapricot.org)

**May 10, 2019 - Pro Tour:**
- **Time:** 1:00pm—5:00pm
- **Location:** Binghamton, NY
- **Information:** See flyer on page 16
- **Registration:** [nessa.org/05-10-19](https://nessa.org/05-10-19)

**June 13, 2019 - Clam Bake:**
- **Time:** 4:00pm—8:00pm
- **Location:** The Spinning Wheel—7384 Thompson Road, North Syracuse
- **Registration:** See Clam Bake Flyer

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.
As our Chapter monthly meetings in ASHRAE 2018-2019 year draws to an end, I want to take the opportunity to thank all my Chapter board of governors for their contributions to our programs this year, from Empire Brewery Tour and SUNY ESF Gateway Building Tour to our monthly meetings with various topics in Dinosaur BBQ. I also want to thank these meeting attendees (Chapter members and students and guests) and speakers/reception sponsors for their participation to bring local Chapter members together regularly. Most of all, I want to thank all the Chapter members for giving me the opportunity to serve as the Chapter President in the year of 2018-2019!

To summarize our Chapter progress so far, we have several key initiatives taken place throughout the year, including first-time SU senior project sponsorship, NYS Green Building Conference sponsorship, starting a SUNY ESF student branch, and Chapter Sustainability Project at Oswego County Opportunities’ Transitional Living Home in Fulton. As well as our regular events, including CNY Steamboat Challenge, CNY Engineering Expo sponsorship, Chapter scholarship, Past Presidents’ Night, YEA events, Student Activities Nights, and many other Chapter traditional programs. However, we have more to come this May and this summer: we will install new board of governors and roll out our first ASHRAE CNY Chapter Hall of Fame awards, and of course our annual Clambake and Golf Tournament. As you all know, due to the close of hinewadels, our Chapter has been working hard to ensure another successful year at the Spinning Wheel this June.

In April, we welcomed the five senior students and their advisor from SU Mechanical Engineering program in our monthly meeting. After two semesters’ working with volunteers from our board of governors, the students presented their senior project to our local members. The students gained the first-hand experience in HVAC design and construction with local engineers and manufacturer representatives. Our board hope to continue efforts next year.

On April 17 and 18, NYS Green Building Conference was taking place at the Marriott Hotel in downtown Syracuse. Our Chapter sponsored the conference and several volunteers were at the conference to introduce ASHRAE and its technical resources to conference participants.
Our Chapter Sustainability Project at Oswego County Opportunities’ Transitional Living Home in Fulton has good progress last month as well. The new furnace was installed and installation of the new LED lighting fixtures is ongoing. Please refer to Charlie’s April newsletter article for detail progresses of the project.

This spring, I also attended ASHRAE SSPC 90.1 committee meetings in ASHRAE headquarter in Atlanta. As the 3rd year serving on the committee, I get to know more of the incredible technical resources ASHRAE offers besides all the administrative efforts from Society, Region, and our Chapters. As I will join the honorable group of Chapter past presidents this fall, I sincerely encourage all the local members to contribute to ASHRAE technical committees.

Also my term as ASHRAE Region I RVC YEA coming to an end, I want to remind all the Chapter YEAs again that “you belong here” – if you are in the HVAC/R industry, you belong here! I sincerely hope you all can learn both technical knowledge and the other soft skills from the ASHRAE family to enhance your career and life, I hope to see you in future ASHRAE meetings!

Finally, I am looking forward to seeing you all in our May Meeting, where we will have Chuck Gulledge, ASHRAE Distinguished Lecturer and future Society President present on a topic of Design-Build-Operate-Maintain, as well as the Region I DRC Chris Phelan’s chapter visit and our new Board of Governors installation and our Chapter awards. Don’t miss it!

Sincerely,

CL

-Chonghui Liu
ASHRAE CNY Chapter President 2018-2019
Hi All, the day is coming fast. The CNY ASHRAE Clambake is June 13, 2019, 4-8 PM, at the Spinning Wheel. Tickets can be purchase by contacting Bonnie Henderson or on our Website and payment can be made thru Paypal. Tickets are still $60.00/pp. We are hope that even though we have had to change locations that this years clambake will be as years past. We have been planning for months and creating a memorable experience for all. Some of the door prizes we have collected as of today are a Overnight Stay for 2 at the Tailwater Lodge in Altmar, VIP Wine Tasting at Thousand Island Winery, Uncle Sam Boat Tour for 2, Delmonico Restaurant, B'Ville Diner, Ravenwood Golf Course, Blue Tusk & Hickory Ridge Golf Course, F.W. Webb will be donating a major door prize and again this year RF Peck is graciously donating a 55" LG TV. Please purchase early and spread the word. Remember ASHRAE Members we are always looking for donations for door prizes if you have any ideas or if you want please forward any contact information and we will send a flyer and the necessary documents to request donations.

Thank You,

-Steve Sill
Clambake Chair

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In Loving Memory
of Efrain "Frank" Rosa
1943 - 2019

Efrain “Frank” Rosa, 76, of Liverpool, NY passed away recently. He had a passion for chemistry, and founded his water treatment company, Aqua Tech Inc., before authoring two books on water treatment and Legionnaires’ Disease. He was a past president of ASHRAE CNY Chapter, our Chapter donated $200 to the Tigris Shriners in memory of him.

Sincerely,
CL

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CLAMBAKE UPDATE

Efrain “Frank” Rosa, 76, of Liverpool, NY passed away recently. He had a passion for chemistry, and founded his water treatment company, Aqua Tech Inc., before authoring two books on water treatment and Legionnaires’ Disease. He was a past president of ASHRAE CNY Chapter, our Chapter donated $200 to the Tigris Shriners in memory of him.

Sincerely,
CL
It’s Clam Bake Time!!!
The Spinning Wheel
7384 Thompson Road, North Syracuse

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
Another year is about to be on the books for the chapter functions and activities. One of the major fund raising functions for Research and Promotions has been the annual clambake. As most are aware, the very long-standing Hinerwadel’s venue has gone out of business. The unexpected news of this left us in a little bind as to what type of fund-raiser to have. We voted on continuing the tradition of a clambake for at least one more year. This year’s clambake will be at The Spinning Wheel on Thompson Road in North Syracuse on June 13th, 2019 from 4-8PM.

Bonnie Henderson will continue to sell and distribute the tickets as she has in the past. Donations and door prizes have been coming in at a steady rate. However, we need more to fill out the raffles. Please contact either Steve Sill stevesill1966@hotmail.com or me tima@rl-stone.com for arrangements to pick up your generous gift or gift cards.

As many of you know, it takes a lot of work for this type of event so we will be sending out a signup sheet asking volunteers to help for an hour or so.

Thank you for your continued support.

-Tim Anderson
Research Promotion Chair

MEMBERSHIP PROMOTION REPORT

Please welcome the following members to the CNY Ashrae Chapter:

Mr David Groesbeck  Mr Glenn Korec
Mr Michael Mychajlonka  Mr. Andrew Thibado

Please join us at Dinosaur BBQ@ 6PM May 8th for our last meeting of the season. 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 Birdsall Chapter MP at 315-726-2255 with any questions.

-Derek Birdsall
Membership Promotion

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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.
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 ________________________________________ Address ________________________________________
________________________________________________________________________________________
City ___________ State/Province ___________ City ___________ State/Province ___________
Zip/Postal _________ Country ___________________ Zip/Postal _________ Country ___________________
E-mail ______________________________ Phone: __________________________
E-mail ______________________________ 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 spon-
or. 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/Instruction:________________________ 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 ________/______/______
(Year) (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 theBuilt 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.
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

By submitting this application you are agreeing to abide by the ASHRAE Code of Ethics, found at ashrae.org/codeofethics.
1. Contact Information.

Member Number: __________________________

*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 __________________________

TelephoneNumber ___________ 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- Refrg. & 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

Heatng
- 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 Mgmt. 83- Library
41- Commercial Facility Mgmt. 84- Association
42- Gov't, Healthcare, 91- Other

Education

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
L- Proj./Application Eng.
O- Facility Eng./Mngr.
P- Research/Dev/Proj.
R- Sales Engineer
S- Purchasing Agent
T- Draftsperson
U- Estimator
W- Technician
X- Professor
ZZ- Other

Which best describes your function? _______

1- Design/Application 6- Research
2- Manufacturing 7- Teaching
3- Maintenance Operations 8- Other
4- Management
5- Sales


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 (IP & SI)

5. Signature.

_________________________ sign __________________________ date __________________________

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

7. Payment. □ $205 (3 years; $61-$79-$105) □ $21 (First year only)

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

Card # ________________ CVV ___________ Expiration Date ______/____

(MM) (YY)

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
ADVANCED DESIGN FOR NET ZERO BUILDINGS

This advanced course is for professional engineers and architects who want to expand their practice to include the design, construction, and operation of zero energy (net zero) buildings. The course will begin with a definition of such a building. The first principle of zero energy design is to make the building as energy efficient as possible. On-site renewable energy systems will then be added to achieve these efficiency goals. If adequate on-site zero energy is not feasible, then options for off-site renewable energy should be explored. The test for zero energy is at the energy meter, so proper commissioning and operator training are critical to success. The zero energy principles outlined above will be presented with case studies and examples showing how other design professionals have met the zero energy goal.

ACCREDITED FOR 3 HOURS OF NYS PE, AIA, AND UGSBC CEUs, $100 PER PERSON

- JUNE 10—BUFFALO
- JUNE 11—SYRACUSE
- JUNE 12—ALBANY
- JUNE 13—VALHALLA
- JUNE 14—NEW YORK CITY

REGISTER AT https://www.ashrae.org/NYSERDA/

INSTRUCTORS

Peter Simmonds, Ph.D., ASHRAE Fellow

Peter Simmonds is managing director/principal of Building and Systems Analytics LLC. Peter has been involved in the design and operation of tall, supertall and megatall buildings around the world for more than 30 years. Peter has authored or coauthored more than 60 technical papers, articles and books. Most recently, he was the author of the new ASHRAE Design Guide for Tall, Supertall and Megatall Building Systems (2015).

Charles Eley, P.E., AIA, BEMP, CEM, Member ASHRAE, LEED® AP

Charles Eley an architect, mechanical engineer and author with 40 years’ experience in energy-efficient and sustainable design. During his career, Mr. Eley has made significant contributions to the California energy standards, ASHRAE/IES Standard 90.1, and energy codes in Hong Kong, Hawaii, Guam, American Samoa, and Australia.
The Goulds Water Technology Factory School offers six distinct classes designed to provide attendees with extensive, hands-on experience: Water Systems, Drives, Wastewater, Commercial/Industrial, Packaged Systems and Advanced. Each course covers the breadth of the Goulds Water Technology product line and related systems, and they are open to customers (distributors, dealers, engineers and OEMs) with at least one year of industry experience. The Factory School features a state-of-the-art laboratory with training on actual installations to help professionals gain valuable troubleshooting skills.

<table>
<thead>
<tr>
<th>Seminar Title</th>
<th>Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water Systems</td>
<td>March 4-7</td>
</tr>
<tr>
<td>Deep Well Vertical Turbine Training – Fresno, CA</td>
<td>March 4-7</td>
</tr>
<tr>
<td>Drives (Commercial)</td>
<td>March 18-21</td>
</tr>
<tr>
<td>Wastewater</td>
<td>April 1-4</td>
</tr>
<tr>
<td>Commercial/Industrial</td>
<td>April 8-11</td>
</tr>
<tr>
<td>Water Systems</td>
<td>April 29 – May 2</td>
</tr>
<tr>
<td>Booster Packages</td>
<td>May 13-16</td>
</tr>
<tr>
<td>Wastewater</td>
<td>August 12-15</td>
</tr>
<tr>
<td>Booster Packages</td>
<td>August 26-29</td>
</tr>
<tr>
<td>Water Systems</td>
<td>September 16-19</td>
</tr>
<tr>
<td>Short Set Vertical Turbine Training – Lubbock, TX</td>
<td>September 16-19</td>
</tr>
<tr>
<td>Drives (Commercial)</td>
<td>September 30 – October 3</td>
</tr>
<tr>
<td>Commercial/Industrial</td>
<td>October 14-17</td>
</tr>
<tr>
<td>Deep Well Vertical Turbine Training – Lubbock, TX</td>
<td>October 14-17</td>
</tr>
<tr>
<td>Advanced Commercial</td>
<td>October 28-31</td>
</tr>
<tr>
<td>Water Systems</td>
<td>November 11-14</td>
</tr>
</tbody>
</table>

How to Enroll
Visit goulds.com/factory-school to download and complete the enrollment form or contact Kim VanDeventer at (315) 239-2460 or factoryschoolinfo@xyleminc.com. Class fee includes lodging, group meals and training materials.
Join NESEA for a tour of the new Koffman Southern Tier Incubator, an innovative facility that provides labs and shared facilities for start-up companies. The tour will be hosted by Pathfinder Engineers & Architects. This project has been recognized as a recipient of a 2019 ASHRAE Technology Award, an honor given to just eight buildings worldwide. This award recognizes the outstanding and innovative technical design that is proven through actual building operating data.

Register Today: nesea.org/05-10-19
(Students can use the code PROTOURGEO to attend for free)

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Beardsley Architects + Engineers

Mechanical Engineer

Beardsley Architects + Engineers is seeking a Mechanical (HVAC) Engineer to join our Building Systems Team. Candidates must be able to prepare clear, complete and accurate drawings, specifications and other project documents utilizing knowledge of engineering drafting practices, CADD technology, building materials, equipment, construction technology and mathematics.

We are looking for team members with the following qualifications:

Bachelor’s degree (B.S.) in Engineering with a focus on a Mechanical Engineering curriculum, or ABET-accredited Construction Technology program.

3-10 years-experience working in the Architecture/Engineering profession in Mechanical (HVAC) design.

Experience with Revit and AutoCAD software to develop Mechanical HVAC designs is required.

PE in NYS is preferred, EIT with participation in development program for Engineering License is required.

Responsibilities of the position include:

Assisting in detailed measure-ups and observations of existing project conditions.

Performing assigned components of building mechanical HVAC designs.

Preparing Engineering Contract Documents and calculations utilizing CADD equipment and HVAC design software.

Assisting in the selection of materials, equipment and other components.

Developing Revit models using existing documentation, plans and surveys and coordinating with other project team members.

Resolving technical/design issues to maintain plan progress and quality control.

Assisting in development of project specifications and other documents.

Performing material quantity take-offs and preparation of project estimates.

Assisting Mechanical Team Leader in development of Design Standards.

Maintaining knowledge of current Mechanical codes and standards.

Assisting in review of construction period submittals.

Conducting periodic on-site observation of work during construction to monitor compliance with Construction Documents.

Beardsley offers a competitive compensation and benefits package, including 401K with employer match, health insurance and continuing educational reimbursement. This position offers excellent career growth and advancement potential for the selected candidate. Resumes are being sought for our Auburn and Syracuse NY locations.
Position Title: Mechanical Engineer — MEP Design

Location: Ithaca, New York.

Taitem Engineering has an opportunity for an engineer with expertise in energy-efficient HVAC design and with knowledge of electrical systems. The successful candidate will work in Taitem's thriving Design Department, focusing on HVAC and electrical design for both new and existing buildings, and will also contribute to other design projects, as part of our MEP+S team.

Taitem is a progressive consulting firm based in beautiful Ithaca, New York. Founded in 1989, Taitem was recently named one of Central New York’s best places to work by CNY Business Journal. Taitem is a mission-driven B-Corporation, committed to the “triple bottom line” of people, planet, and profit. Taitem is known for its high-quality work in designing and supporting sustainable, high-performing buildings. “Taitem” stands for “technology as if the earth mattered,” reflecting the firm’s commitment to the environment. Flexible schedules, family-friendly policies, and support for excellence make Taitem a life-sustaining place to work.

Required Skills and Qualifications:
- Proficiency in Autodesk Revit and AutoCAD
- Experience working independently on complex projects
- Engineering degree
- Five years in a comparable position
- Demonstrated ability to manage projects
- Ability and willingness to mentor junior engineers
- Strong knowledge of building codes, esp. for New York State
- Ability to communicate clearly and expertly with peers and clients

Additional Skills and Qualifications:
- New York Professional Engineer license or eligibility
- Knowledge of mechanical and electrical design for buildings
- Experience with energy-efficient technologies and sustainable design principles

Compensation: The recruiting range for this position is competitive and depends on the skills and experience of the applicant. This is a full-time benefits-eligible position. Benefits include medical and dental insurance, paid time off, professional development funds, and an employee assistance program.

Please submit your resume and letter of interest at https://www.fitzii.com/apply/39168?e=fc.

Taitem Engineering is committed to creating a diverse workplace and encourages applications from women and people of color.

Taitem Engineering, PC is an equal opportunity employer and will not discriminate against any employee or applicant on the basis of age, color, disability, gender, national origin, race, religion, sexual orientation, veteran status, or any classification protected by federal, state, or local law.

Visa sponsorship is not available for this position.
**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*
**JOB OPENING**

**MECHANICAL/HVAC ENGINEER**

Syracuse, NY

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](http://www.cscos.com)

**Position Overview**

C&S Engineers, Inc. is seeking a Mechanical/HVAC Engineer in our Syracuse office to provide mechanical design engineering in heating, ventilation and air conditioning (HVAC) building systems. We are looking for and individual with HVAC experience, who is a self-starter and is 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](http://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.