American Society of Heating, Refrigerating, and Air Conditioning Engineers Inc.

Ashrae 2017-2018

December Meeting
December 19, 2017
Theme: History Night & Past President’s Night

Presentation:
Integrating Indoor Air Quality and Energy Efficiency in Buildings

Presentor:
William P. Bahnfleth, Ph.D., P.E., ASHRAE Distinguished Lecturer

To register, visit the Chapter website:
http://twintiers.ashraechapters.org

Please send all newsletter comments to:
Andrew Nice, Editor
c/o Meier Supply Co.
275 Broome Corporate Parkway
Conklin, NY 13748
Email the Editor

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Dear Twin Tiers Chapter Members,

The turkey should be all gone by now, the end of the year is quickly approaching and the holiday season is upon us. This is also the time of year when ASHRAE is in full swing; we have already had two regular meetings and the Fall symposium. They were the first in a schedule of valuable and informative events. Michael McGinnis has been doing a great job lining up interesting programs for this year. I would like to thank all that braved the busy Thanksgiving holiday week and attended the November meeting. Michael Collins had a very interesting presentation on refrigerant changes in the HVAC and refrigeration markets.

Our next meeting on December 19 combines both a Distinguished Lecturer presentation and a Past Presidents’ recognition night. The topic of discussion is “Integrating Indoor Air Quality and Energy Efficiency in Buildings” presented by William P. Bahnfleth, PH.D., P.E., ASHRAE Distinguished Lecturer. Mr. Bahnfleth is a professor and director of the Indoor Environment Center in the Department of Architectural Engineering at The Pennsylvania State University—University Park. We anticipate a large turnout for this meeting so mark the date in your calendars.

I would also like to use the opportunity to say a special thank you to ALL our past Twin Tiers Chapter Presidents for their service and contributions to the chapter. Many of them are still involved in some capacity to-date. I am sure I speak on behalf of all our members when I express our gratitude and appreciation for helping build our Chapter to what it is today.

When I think of volunteers, and keeping in mind that we are a volunteer organization, I think of time and altruism. When an individual commits themselves to volunteer on a consistent basis they do so at the expense of their own time for the betterment and benefit of others in the community. Your commitment and support are greatly appreciated.

Lastly, I would like to invite anyone who wants to get involved in some capacity with the Twin Tiers Chapter to discuss with any of the Board members about the open Committee Positions. These positions are a great way to get involved, and don’t take up a great deal of time. I look forward to seeing everyone at this month’s meeting.

Season’s Greetings, Happy Holidays, and All the Best for a Prosperous New Year,

-Petros Papathomopoulos
Twin Tiers Chapter President
Twin Tiers Chapter

Presidential Award of Excellence (PAOE)

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<tr>
<td>Current</td>
<td>770</td>
<td>725</td>
<td>157</td>
<td>400</td>
<td>685</td>
<td>885</td>
<td>430</td>
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POINTS CURRENT AS OF 11/09/2017

Chapter Committee Chairs

- **Technology Transfer**
  - Michael McGinnis
  - (607)727-3168
  - Email Me!

- **Government Activities**
  - Adam Keller
  - (315) 487-8791
  - Email Me!

- **Refrigeration**
  - Rob VanSkiver
  - (585) 591-8168
  - Email Me!

- **Golf & Clambake Outing**
  - Michael McGinnis
  - (607)727-3168
  - Email Me!

- **Membership Promotion**
  - Chris Wolak
  - (484) 350-1954
  - Email Me!

- **Nominating**
  - Andrew Nice
  - 607-760-5960
  - Email Me!

- **Meeting Reception**
  - Devin Shapley
  - (607)723-4979
  - Email Me!

- **H.O. Ward Scholarship**
  - Richard Sanguinito
  - (607) 231-6605
  - Email Me!

- **Research Promotion**
  - Glenn Roberts
  - (315)234-1527
  - Email Me!

- **Student Activities**
  - Victoria Kramer
  - (607) 321-6127
  - Email Me!

- **Membership Directory**
  - Chris Wolak
  - (484) 350-1954
  - Email Me!

- **Albern Education Fund**
  - Jason Gilbert
  - (607) 777-2240
  - Email Me!

- **Honors & Awards**
  - Petros Papathomopoulos
  - (607) 723-9421
  - Email Me!

- **Historian**
  - Richard Sanguinito
  - (607) 231-6605
  - Email Me!

- **Symposium – Fall/Spring**
  - Kyle Nedlik
  - (607) 321-6100
  - Email Me!

- **Auditing**
  - Rick Sanguinito & Andrew Nice
  - (607) 231-6605 / 607-760-5960
  - Email Me!

- **Webmaster**
  - Mike Colwell
  - (570) 706-0690
  - Email Me!

- **Newsletter Editor**
  - Andrew Nice
  - 607-760-5960
  - Email Me!

- **YEA: Young Engineers**
  - Devin Shapley
  - (607)723-4979
  - Email Me!

- **Publicity**
  - Andrew Nice
  - 607-760-5960
  - Email Me!
## Twin Tiers Chapter – Monthly Meeting Information

### 2017-2018 Meeting Dates:

<table>
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<th>Speaker</th>
<th>Tech Session Topic, Tour or Meeting Info</th>
<th>Attendance:</th>
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<td>19-Sep</td>
<td>Adam Keller, Pro Air Plus, Jerry Meyer Jr., MIS of America</td>
<td>Cooling Tower Basics, Cooling Tower Shut-down and NSF Legionella Guideline</td>
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<tr>
<td>17-Oct</td>
<td>Multiple/TBD</td>
<td>Fall Engineering Symposium — Daytime</td>
<td>67</td>
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<td>21-Nov</td>
<td>Michael Collins, Eagle Bay Refrigeration</td>
<td>TOUR Cornell University Lynah Ice Rink Refrigerant Update</td>
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<tr>
<td>19-Dec</td>
<td>William P. Bahnfleth, Ph.D., P.E., ASHRAE Distinguished Lecturer</td>
<td>Integrating Indoor Air Quality and Energy Efficiency in Buildings</td>
<td></td>
</tr>
<tr>
<td>16-Jan</td>
<td>Lanny Joyce, Mark Howe, Lou Damiani, Pete Meenan, Cornell University</td>
<td>TOUR Upson Hall Cornell University High performance building design - Sibley School of Mechanical and Aerospace Engineering building</td>
<td></td>
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<tr>
<td>20-Feb</td>
<td>Jason Gilbert</td>
<td>TOUR Binghamton University Building</td>
<td></td>
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<tr>
<td>17-Apr</td>
<td>Multiple/TBD</td>
<td>Spring Engineering Symposium — Daytime</td>
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<tr>
<td>19-Jun</td>
<td>None</td>
<td>Golf Tournament</td>
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**NOTE:** Speakers and topics are subject to change based on availability.
Thank you Sponsors!

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Ingersoll Rand
Dear ASHRAE Twin Tiers Member or Research Promotion (RP) Supporter,

As the RP Chair and a fellow member of the Twin Tiers Chapter, I wanted to personally ask you for your help in supporting ASHRAE Research. ASHRAE’s research program, established in 1912, supports 140 research projects with a combined value of more than $15 million. Research focus includes energy and resource efficiency, indoor environmental quality, design, operation and management tools, alternative technologies, and materials and equipment. Through scholarships, grants and awards, the Society supports engineering education for undergraduate students and research projects for graduate engineering students and new post-doctoral scholars.

For Research Information please see the following site:
https://www.ashrae.org/standards-research--technology/ashrae-rp

You can either donate directly with a credit card, see link below:
https://xp20.ashrae.org/secure/researchpromotion/rp.html

or send a check to:
ASHRAE Research Promotion
att. Patricia Adelmann
1791 Tullie Circle NE
Atlanta, GA 30329
Make check payable to “RP Donation-ASHRAE Twin Tiers”

Again, a personal Thank You for the following who have donated last year:

Air Temp Heating & Air Conditioning Inc
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Raymond Millard
Arthur Monaco
Kyle Nedlik
Joseph O’Hara

Petros Papathomopoulos
Plumbers & Pipefitters Union 112
Francis Plunkett
Pro Air Plus Inc
Glenn Roberts
Norman Scott
Devin Shapley

I hope that ASHRAE and I can count on your support this year.
Email me, or come see me at a Chapter Meeting if you have any questions.

Glenn Roberts
Twin Tiers Research Promotion Chair
Email Me
November Meeting Announcement

December 19, 2017

December Chapter Meeting

DATE: Tuesday, December 19th, 2017

TIME: 5:00PM

MEETING LOCATION: Ithaca Marriott Downtown on the Commons
120 S Aurora St.,
Ithaca, NY 14850

PRESENTATION: Integrating Indoor Air Quality and Energy Efficiency in Buildings

SPEAKER: William P. Bahnfleth, Ph.D., P.E., ASHRAE Distinguished Lecturer

AGENDA:
5:00 – 5:30 – Social Time
5:30 – 6:00 – History, Past Presidents, and Chapter Meeting
6:00 – 7:30 – Dinner and Presentation

MENU:
Field Greens & Heirloom Tomatoes, Cucumber, Manchego with Roasted Almonds Sherry Vinaigrette
Oven Roast Pork Loin, Apricots & Brandy
Almond Crusted Chicken, Tart Apple Chutney, Manchego Cream Artisan Rolls & Butter
Market Fresh Starch & Vegetables (Chef's Choice)
Ithaca Coffee Company Regular, Decaffeinated Coffee and Fine Teas with Lemon & Honey
Iced Water with Lemon

REGISTRATION: Register online at http://twintiers.ashraechapters.org/ (Under the “Programs” Tab)
$25.00 Early Registration (By 12/11/2017)
$30.00 (After 12/11/2017)

CONTACT: Mike McGinnis
(Please call, text, or email me at below with any questions or if you get lost)
E: Email Me!
C: 607-727-3168
Thank you Sponsors!

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2018 Call for Entries

It starts with ONE can. To feed the hungry. To lift the spirit. To change the world. Construction is an international hunger-relief competition where groups compete to design and build giant structures made entirely from canned food! 100% of monetary and food donations from Construction will go towards the Food Bank of the Southern Tier and CHOW’s hunger-relief work in Broome County.

The Southern Tier is joined by 100 cities across North America who will hold Construction competitions in the coming year. Highlighting the creativity and compassion of architectural and engineering groups, these astounding structures are helping to change the world—by lifting the spirits of those in need, by raising public awareness, and most importantly, by collecting millions of pounds of food for local food banks.

Do you think you have what it takes to design and build a structure made of nothing more than canned food?

When: April 8 - 15, 2018
Where: Oakdale Mall, 601-635 Harry L. Drive, Johnson City, NY
Costs: Entry Fee is $100 per team (non-refundable)

Teams are responsible for acquiring the canned food their structures.

For more information: visit www.foodbankst.org/construction or contact the Construction Chair, Kyle Nedlik via email at BLJ.Construction@gmail.com

Name ____________________________
Address ____________________________
City State Zip _________________________
Contact Name ________________________
Phone Number ________________________
Email _______________________________

Please complete this form and mail with your payment by Friday, January 12, 2018 to:
Food Bank of the Southern Tier | 388 Upper Oakwood Avenue, Elmira, NY 14903 | 607.796.6061

All proceeds benefit hunger relief in Broome County.
What Were They Thinking???

Thank you to Tetra Tech for this fine installation from the country of Georgia!

1¼” connections reduced to ½” isolation valves, then relief valve piped into a bull-headed tee facing the other boiler’s relief valve, then joining the boiler drain lines, all running combined in ½” plastic to another isolation valve near the floor drain!

Do you have a funny, “unique”, or just plain horrible installation picture? Please send them to the Editor at anice@meiersupply.com

***All names/brands are removed to protect the guilty.***
Thank you Sponsors!

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As a licensed professional in New York State, it is your professional responsibility to know the legal and ethical requirements governing the practice of your profession and to be alert to changes in those requirements. The New York State Board for Engineering and Land Surveying, in an effort to help you stay abreast of your professional responsibilities, has developed this short, self-study educational activity in ethics.

This educational activity is based on the New York State Education Law Articles 130 and 145, the Rules of the Board of Regents Parts 1, 3, 17, 18, 28, 29, 31, and the Regulations of the Commissioner of Education Parts 59 and 68. It is strongly recommended that, prior to taking the self test, you review these foundational materials (http://www.op.nysed.gov/prof/pels/pelaw.htm) on the engineering web site.

Once you have reviewed the foundational materials, proceed to complete the self test below. When you have completed the self test, click the "Get your score" button at the bottom of the page. You should print this screen and save it as evidence of satisfactory completion of this educational activity. A score of 90% or greater will allow you to claim 1 Professional Development Hour (PDH) of educational activity credit in ethics ONCE in each three-year registration period. Retain your printed screen for no less than 6 years from the date of completion.

Take Your PE Ethics Self Test Here!

http://www.op.nysed.gov/prof/pels/peceselftest.htm
New York State Professional Engineers

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Governor Cuomo Announces $26 Million Available for Affordable Homeownership

www.governor.ny.gov
By Press Office of NYS Governor Dec. 8, 2017

Governor Andrew M. Cuomo today announced the availability of $26 million of for the Affordable Home Ownership Development Program. Grants can be used to make improvements to existing owner-occupied single or multi-family homes, condominiums, or cooperatives; acquire and rehabilitate owner-occupied homes for sale, including single and multi-family homes, condominiums, or cooperatives; and construct new owner-occupied homes for sale, including single and multi-family homes, condominiums, or cooperatives including dilapidated and manufactured homes.

"This administration is committed to helping more New Yorkers realize the American Dream of homeownership," Governor Cuomo said. "With this program, we are investing in the future of New York's communities, helping to secure a safer, fairer Empire State for all."

The Affordable Home Ownership Development Program provides up to $40,000 per home to eligible municipalities, municipal housing authorities, and other not-for-profit and charitable organizations that develop affordable housing or assist income-eligible homeowners in funding necessary repairs. Funds are administered by New York State Homes and Community Renewal's Affordable Housing Corporation, which since 2011 has awarded nearly $198 million to create or improve more than 10,400 homes.

Homes and Community Renewal Commissioner RuthAnne Visnauskas said, "Governor Cuomo understands that affordable homeownership lays a foundation for stronger, more viable communities. These funds will make the dream of homeownership a reality for hardworking New Yorkers. We encourage organizations and municipalities throughout New York State to apply for these funds."

Senator Betty Little, Chair of the Senate Committee on Housing, Construction, and Community Development, said, "Homeownership is key to economically empowering New Yorkers, while also stimulating the development, preservation and stabilization of our communities. I was pleased to work with my colleagues in the Senate to appropriate these important resources to help promote homeownership for low- and moderate-income individuals and families."

Assemblymember Steven Cymbrowitz, Chair of the Assembly Committee on Housing, said, "At a time when looming federal tax changes threaten to cripple the creation and preservation of affordable housing, it is especially important that New York State Homes and Community Renewal is making these grants available so that hardworking families can continue to fulfill the American dream of homeownership."

Applications are due February 16, 2018. More information and the Notice of Funding Availability can be found here.

Thank you Sponsors!

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Key Responsibilities
The Sr. Mechanical Designer (Facilities Designer II) designs HVAC, fire protection, and plumbing systems, as well as generates plans and specifications for maintenance, repair and alteration projects within the Facilities Engineering Mechanical Design Section. The Sr. Mechanical Designer also estimates costs for mechanical systems designs, and organizes design and drafting efforts to deliver designs within project budgets and schedules, as well as performs design construction administration of small projects (under $100,000 in total project costs) by attending job meetings, facilitating communication and conducting field inspections. They will also initiate vendor contacts as required to select and specify equipment.

Core Qualifications
Required
Associate’s degree 2 years minimum in mechanical engineering technology, construction technology or related field and at least 5 years relevant experience in design of HVAC, plumbing, and fire protection systems, or equivalent combination of education and experience. Working knowledge of current codes and industry standards in discipline (NYS Building Codes, ASHRAE, ASME, NFPA). Technical knowledge of design and construction industries. Must be knowledgeable of building mechanical systems and construction estimating. Ability to comprehend construction drawings and specifications.

Must have experience in lab renovations and critical environments including but, not limited to cleanrooms design, walk-in industrial refrigeration coolers, and high purity material of construction selection, as well as facilities engineering experience in sprinkler design, hydraulic calculations, controls, duct and piping design. Experience with writing technical specifications, and multidiscipline drawing coordination.

Preferred
Bachelor’s degree in Mechanical Engineering from an ABET-accredited program (BSME preferred). Ability to move projects to successful conclusion. Practical experience in plumbing, piping, and fire protection systems. Experience in REVIT and 3-D drafting.

For a more detailed position description and to create a profile to apply online please follow this link, https://hr.cornell.edu/jobs/external-applicants and get connected to Cornell recruiters.
Tetra Tech is a leading provider of consulting, engineering, and technical services worldwide. Our reputation rests on the technical expertise and dedication of our employees—16,000 people working together across disciplines and time zones to provide smart, sustainable solutions for challenging projects. We are proud to be home to leading technical experts in water, environment, infrastructure, resource management, energy, and international development. Tetra Tech combines the resources of a global, multibillion dollar company with local, client-focused delivery in 400 locations around the world. We offer competitive compensation and benefits and are searching for innovative people to join our teams.

Tetra Tech A&E provides planning, design and construction phase services for a wide range of building types and clients, from K-12 and higher education facilities in New York to facilities supporting governments worldwide. We currently seek a Mechanical Engineer to work out of our Ithaca NY or Albany NY office.

**Responsibilities include:**

- Design of building mechanical systems (HVAC) including appropriate system concepts, calculations, energy modeling, layout, sizing, selections, specifications and coordination
- Perform site visits of existing mechanical systems for evaluation or to inspect work in progress or completed
- Review and respond to team member on project design work, RFIs, submittals, and other construction related documents and issues in a professional and timely manner
- Monitor and control project progress against scope, schedule, and budget
- Attend client meetings and assist in marketing efforts

**Requirements:**

- Bachelor’s degree in Mechanical Engineering, Mechanical Engineering Technology, or similar field with 8 years of experience designing building mechanical (HVAC) systems.
- Experience with Design of mechanical (HVAC) systems for educational facilities is desired.
- Licensed Professional Engineer (PE) or EIT and preparing to obtain professional licensure preferred.
- Proficient in AutoCAD and Revit/BIM with working knowledge of MS Office.
- Proficiency with building energy modeling concepts and software preferred.
- Knowledge of applicable codes and standards.
- Possesses and applies a broad knowledge of principles, practices and procedures to the completion of difficult assignments.
- Knowledge of and demonstrated interest in energy efficient solutions and designs.

If you are interested in this exciting opportunity apply on-line at: [http://www.tetratech.com/en/careers](http://www.tetratech.com/en/careers)

Tetra Tech is committed to creating a diverse environment and is proud to be an Equal Opportunity Employer. We invite resumes from all interested parties including women, minorities, veterans and persons with disabilities. Tetra Tech is a VEVRAA federal contractor and we request priority referral of veterans for available positions.

EOE AA M/F/Vet/Disability
Tetra Tech is a leading provider of consulting, engineering, and technical services worldwide. Our reputation rests on the technical expertise and dedication of our employees—16,000 people working together across disciplines and time zones to provide smart, sustainable solutions for challenging projects. We are proud to be home to leading technical experts in water, environment, infrastructure, resource management, energy, and international development. Tetra Tech combines the resources of a global, multibillion dollar company with local, client-focused delivery in 400 locations around the world. We offer competitive compensation and benefits and are searching for innovative people to join our teams.

Tetra Tech A&E provides planning, design and construction phase services for a wide range of building types and clients, from K-12 and higher education facilities in New York to facilities supporting governments worldwide. We currently seek a Senior Mechanical Engineer to work out of our Ithaca NY, Albany NY, Farmingdale NY, or Marlborough, MA office.

**Responsibilities include:**

- Design of building mechanical systems (primarily HVAC) including appropriate system concepts, calculations, energy modeling, layout, sizing, selections, specifications and coordination
- Perform site visits of existing mechanical systems for evaluation or to inspect work in progress or completed
- Acts as lead engineer on projects and provides conceptual guidance to Mechanical Designers and Mechanical Engineers on wide range of projects.
- Provides consultation to professional co-workers. Mentors junior level department designers.
- Review and respond to team member on project design work, RFIs, submittals, and other construction related documents and issues in a professional and timely manner
- Monitor and control project progress against scope, schedule, and budget
- Attend client meetings and assist in marketing efforts

**Requirements:**

- Bachelor’s degree in Mechanical Engineering, Mechanical Engineering Technology, or similar field with 15 years of experience designing building mechanical (HVAC) systems.
- Experience with design of mechanical (HVAC) systems for educational and federal facilities is desired.
- Licensed Professional Engineer (PE) in New York State, with ability to be licensed in other states as requested.
- Proficient in AutoCAD and Revit/BIM with working knowledge of MS Office.
- Proficiency with building energy modeling concepts and software preferred.
- Knowledge of applicable codes and standards.
- Possesses and applies a broad knowledge of principles, practices and procedures to the completion of difficult assignments.
- Knowledge of and demonstrated interest in energy efficient solutions and designs, and in LEED strategies and designs.

If you are interested in this exciting opportunity apply on-line at: [http://www.tetratech.com/en/careers](http://www.tetratech.com/en/careers)
Senior Mechanical Engineer

Engineers thrive on solving problems by putting their logic and creativity together. They are able to invent, explore, and question to enhance the areas around us. IBI Group engineers work in multiple disciplines and collaborate on larger initiatives.

IBI Group’s Binghamton, New York office is searching for a Senior Mechanical Engineer to join its growing team.

Are you looking for a challenging opportunity that can move your career to the next level? Then come discover what IBI has to offer.

IBI Group offers you a career you can Define…Discover It!

Responsibilities:
- Responsible for the technical and design development for assigned projects.
- Functions in the role of project leader and handles project management tasks and supervises the mechanical design and technical aspects.
- Produces design work according to established standards, methods, and procedures of the office.
- Coordinates and develops the layout, design, drafting, and specifications produced by architectural and engineering staff members who are part of the project team.
- Develops project cost estimates.
- Supervises technical staff and provides design guidance.
- Supervises the preparation and checks the accuracy of contract documents.
- Incorporates applicable codes, construction techniques, and sequences in various projects including all aspects of cross disciplines.
- Conducts site observations as required to perform the design.
- Conducts site observations of mechanical systems during construction operations. Performs other associated construction phase tasks.

Qualifications:
- Experience in designing HVAC systems for educational, commercial, institutional, and industrial facilities
- In addition to HVAC system design experience; experience with Plumbing design and Fire Protection design strongly desired.
- At least 5 years design experience
- Bachelor’s degree in Mechanical Engineering
- EIT required; Registration as a Professional Engineer in New York State strongly desired
- Working knowledge of AutoCAD, BIM/Revit
- Effective communication (verbal and written) in English
- Strong team player
- Highly proactive and detail oriented
- LEED certification is a strong asset

We are a global team of dedicated and experienced architects, engineers, planners, designers and technology professionals who share a common desire – to help our clients create livable, sustainable, and advanced urban environments. From high-rises to industrial buildings, schools to state-of-the-art hospitals, transit stations to highways, airports to toll systems, bike lanes to parks, we design every aspect of a truly integrated city for people to live, work, and play.

Our collaborative and combined approach focuses not only on creating the best solutions today, but also determining the right solutions for tomorrow.

We believe cities in the future must be designed with intelligent systems, sustainable buildings, efficient infrastructure, and a human touch.

At IBI, we’re defining the cities of tomorrow.

Applicants for U.S. based positions with IBI Group must be legally authorized to work in the United States. Verification of employment eligibility will be required at the time of hire. Visa sponsorship is not available for this position.

IBI Group is an Equal Employment Opportunity/Affirmative Action Employer and maintains a Drug-Free Workplace.

EOE-M/F/Vet/Disability

Contact: Linda Gauld linda.gauld@ibigroup.com (+1 519 472 7328 ext 261)
Senior Mechanical Engineer – Buildings

Your Opportunity:
The Stantec Buildings Engineering group specializes in the design and development processes unique to buildings. Working closely with our clients, our dedicated professionals help to establish and understand the needs of a range of building projects. This is where great ideas and rewarding careers are built. For both public and private sector clients, we provide unique plan checking capabilities as well as energy engineering and performance engineering services, covering each of the major engineering disciplines - structural, mechanical, and electrical. In addition, we bring together innovative and functional design solutions for companies involved in the discovery, research and development, and commercial scale manufacturing of pharmaceuticals, biotechnology, and medical device products. Focused on providing cost-effective solutions to engineering challenges, we are involved in a diverse range of projects from the initial planning stages to design, construction, and commissioning. Our structure cultivates career growth and provides opportunities as unique as you are.

Your Duties:
- Duties will include but are not limited to preparation of 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:
The successful candidate will possess:
- Requires a B.Sc. Mechanical Engineer
- NYS PE desired, registration in other states a plus
- 7+ years’ experience required
- Must have strong Mechanical Engineering skills in 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

We put people first, and it shows. We’re proud to be one of New York’s Best Places to Work, as named by The Business Council of New York and NYS-SHRM.

Please apply online directly at:
- (Endicott) https://jobs-stantec.icims.com/jobs/25927/senior-mechanical-engineer---buildings/job
ADVERTISE your business card:

- Current business card adds will expire at the end of this year, December 31, 2017.
- New subscription will run the calendar year 2017.
- Cost to advertise for the 2017 year is $50.
- Sign up now for the 2017 year On Pay Pal http://twintiers.ashraechapters.org

Or Send Check and copy of business card to Twin Tier News Letter Editor:
Meier Supply Co.
Attn: Andrew Nice
275 Broome Corporate Parkway
Conklin, NY 13748

- Email a copy of your business card to Twin Tier Newsletter Editor Email.
  From Web site please visit: http://twintiers.ashraechapters.org
  Go to the News Letter tab, and place your order to advertise your business card.

Business Card Advertising 2017

The Twin Tiers Chapter of ASHRAE can accept business card advertising with the following provisions:
-- The company must be associated with HVAC&R technology.
-- The company must be a local service provider, a local manufacturer, or a manufacturer’s representative serving the area.

If you aren’t sure, just ask.

We are now accepting business card advertisements for the newsletters that will be published in 2017. This is a great opportunity to get your name and business in front of the over 200 subscribers to our chapter newsletter. The price for the newsletter only is $50 for the entire 2017 year.

Business card ads can be placed using a scanned electronic copy of your business card, or you can mail your card to me (please no staples or paper clips).

Questions? Call or email
Thank you for your support!
Andrew Nice
Twin Tier Newsletter Editor Email
Comments? Suggestions?

Andrew Nice, Editor
c/o Meier Supply Co.
275 Broome Corporate Parkway, Conklin, NY 13748
anice@meiersupply.com

We welcome your feedback!

ASHRAE Mission Statement
ASHRAE will advance the arts and sciences of heating, ventilation, air conditioning, refrigerating and related human factors to serve the evolving needs of the public and ASHRAE members.

Ethics Requirement for PE
PE’s in NYS will be required to have one hour of Ethics within their 36 hours of continuing education for registration periods beginning August 1, 2011 and after.

ASHRAE Vision Statement
ASHRAE will be the global leader in the arts and sciences of heating, ventilation, and air conditioning.
ASHRAE will be foremost authoritative, timely, and responsive source of technical and education information, standards and guidelines.
ASHRAE will be the primary provider of opportunity for professional growth, recognizing and adapting to changing demographics, and embracing diversity.

Advancing HVAC&R to serve humanity and promote a sustainable world”

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