



Northeast Chapter

# Thermal Briefs

APRIL 2016

## APRIL MEETING Tuesday, April 19, 2016

### ASHRAE 100-2015 Energy Efficiency in Existing Buildings

*By Dennis Landsberg, PhD, Fellow*

#### ***1 PDH credit APPROVED***

**12:00pm – Lunch and Presentation**  
**Radisson Hotel, Stonehenge B Room**  
**205 Wolf Road**  
**Members - \$30**  
**Non-Members - \$40**  
**Students - \$15**

RSVP to Tim Houle no later than Tuesday, April 12th  
[Thoule@advancedcomfortsys.com](mailto:Thoule@advancedcomfortsys.com) or 518-884-8444 x3439

#### **Seminar Description:**

*This session covers ASHRAE Standard 100-2015 Energy Efficiency in Existing Buildings. The standard provides the minimum requirements for energy efficient design and operation of existing residential, commercial, institutional and industrial buildings. Topics covered include compliance requirements, energy management plans, O&M requirements, energy use analysis & target requirements, energy audits, implementation & verification.*

#### **Additional Details:**

*ASHRAE, AEE and NY-GEO have made arrangements for your April 19th luncheon to be held at NY-GEO-2016 - Breaking New Ground in Renewable Heating and Cooling" conference.*

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# Speaker Bio

Name: Dennis Landsberg, PhD, Fellow

Dr. Landsberg has over 40 years of experience in energy efficient building technologies, building energy analysis and audits, energy consumption, demand-side management, commissioning and energy conscious building simulation and design. His building end-use metering applications include DSM impact evaluation, RD&D applications for buildings and alternate fuel vehicles and building energy simulations. Dr. Landsberg has also provided expert witness testimony with regard to performance of energy conservation systems and programs. Services included development of energy program workbooks, training seminars and demonstration projects for energy efficient technologies. Dr. Landsberg has been providing Monitoring and Verification services for his entire professional career. Projects have included utility and government R&D projects, energy conservation program R&D projects and ESCO review services.

More on Page 7!

# Message from the President

Thank you for joining us at the March meeting at IACC. A big thank you to the presenter, Jody, for sharing his knowledge and experience about air and dirt separation in closed loop hydronic systems. If you were in attendance you may remember the YEA/MP game that preceded the technical presentation. Congratulations to the winners and thank you to all those who participated, whether by volunteer or being called out. I hope everyone enjoyed the game. We want our chapter meetings to be educational as well as fun. Please let us know what you thought of it, we appreciate your feedback!

April is a busy month for the Northeast Chapter of ASHRAE. We will be hosting the annual ASHRAE Webcast at the office of Trane Co. in Latham. We have a YEA happy hour this week, a joint meeting with AEE (the Association of Energy Engineers) worth 1 PDH (please note the location of this meeting!), and a YEA outing at the indoor go-kart facility on Washington Ave Extension. There is also a mechanical systems tour at Schmaltz Brewery in the works.

Congratulations to Dr. Bill Gerstler for being named an ASHRAE Fellow. The Northeast Chapter thanks Bill for his dedication to the HVAC industry by his past involvement in chapter operations and his ongoing participation as Adjunct Professor for the HVAC class at RPI. If you haven't already, please take a look at the Bio that our Chapter Historian, Stan, wrote up to honor Bill's recognition as an ASHRAE fellow. His contributions set a fine example for younger engineers to look up to and learn from.

The Chapter is also hoping to nominate another long time Chapter member to become an ASHRAE Fellow in the near future. This honor is only available to those seen by his/her peers in the industry as a person of excellence and having made substantial contribution(s) in HVAC&R. We appreciate those within the chapter who meet these criteria and hope to continue honoring those that should be recognized for their efforts. After April there are only two months left for the 2015-16 chapter year. We will be nominating the 2016-17 Officers and BOG this month and hope to have a smooth transition as we 'pass the baton' on July 1st.

Thank you for nominating me to the position of chapter President for 2015-16, I appreciate having had this opportunity to serve the Chapter.

Sincerely,  
Dan Williams  
2015-2016 Northeast Chapter President

# Message from Membership Promotion

## LADIES LUNCHEON

April 12, 2016

The Century House, Latham NY

11:30 Sign-in, Meet & Greet

11:45 Welcoming Remarks

12:00-1:15 Luncheon - \$30 Members & Guests

RSVP by April 7 to Liesl at 518-396-9639 or [Liesl.Hammer@gmail.com](mailto:Liesl.Hammer@gmail.com)

### MP Coupon Clarification:

The Buy One Get One Free Membership Coupons handed out last month are good for the meal price at ANY of the upcoming meetings. The reference to "MP Meetings only" was only for the added cost of PDH credits, meaning those would also be free at the October and March Membership Promotion Meetings, but only at those meetings.

### Does the Society know you're a P.E. yet?

If you are a P.E., please go online and check to make sure "PE" is in your Society bio:

Login to [www.ashrae.org](http://www.ashrae.org)

Under "Membership & Conferences" Click on "My Membership"

Click on "Update Your Bio/View or Edit Your Profile"

Under "Contact Information" click on the Pencil Edit Icon to Edit your Name

Enter "PE" where it asks for a suffix after your name.

Thank you! That will help the Roster Committee next time we do the Roster!

## Meet Our Members

Welcome back!

### New Members

Mrs. Jessica Ann Garneau	Fusion Systems Engineering
Ronald T Trefzger	Centrotherm Eco Systems
Joseph Andrew Ripp	Eastern Heating and Cooling
Frank Castiglione	Engineered Solutions
Michael Morwin	Mechanical Testing, Inc.
Brian Venn	Mechanical Testing, Inc.
Jeff Paro	Mechanical Testing, Inc.
Joseph D'Aprile	Sweeney Rogers Geraghty Inc

### Returning or Transferring Into our Chapter

Marissa N Page	Trane
Brian D Sexton	Technology Plus LLC
Donald F Ferguson	Northeast HVAC Solutions, Inc.
Lawrence J Clark	Clarke Air Systems

**Make sure you give a warm Welcome to our New Members when you meet them!**

# Message from YEA

**April 7, 2016**

6:00pm Happy Hour at Across the Street Pub, Western Ave Albany  
Appetizers courtesy of YEA

**April 21, 2016**

6:00pm Earth Day celebration at K1 Speed, indoor go-kart event. Western Ave, Crossgates Commons next to Walmart.

**May 5, 2016**

Cinco de Mayo Mechanical Systems Tour at Schmaltz Brewery  
Further details to be announced.

-Taylor Bastow

## Current PAOE Chapter Summary

Membership Promotion	Student Activities	Research Promotion	Historical	Chapter Operations	Chapter Technology Transfer	Chapter Grassroots Government Activities	Chapter PAOE Point Totals
1105	605	830	350	275	125	-	3290

PAOE stands for the Presidential Award of Excellence and is a point system used within ASHRAE to **evaluate the success of each chapter**. Officers and grassroots chairs have the opportunity to earn PAOE points based on achievements and accomplishments designated by the ASHRAE Society President. Example activities for earning PAOE points include starting a new student chapter, holding at least eight regular chapter meetings in a year, and educating non-members about ASHRAE

# Northeast Chapter Officers and Board of Governors 2015-16

Chapter President:	Dan Williams
President Elect/CTTC/Program Chair:	David Houle
Vice President/ Newsletter Editor:	Adam Feather
Treasurer:	Kendra Potasiewicz
Secretary:	Trevor Gensch
Board of Governors	Russ Danforth
Board of Governors:	Gregory Kirkpatrick
Board of Governors:	Todd Turcotte
Board of Governors:	John Thomas
Board of Governors:	Tim Houle
Board of Governors:	Douglas Belokopitsky
Grassroots Gov. Advocacy Chair:	Douglas Belokopitsky
Honors & Awards Chair:	Kristin Gustafson
Membership Chair:	Liesl Hammer
Student Activities Chair:	Dave Ricci
Research Promotion Chair:	Chris Schmidt
Refrigeration Chair	Ray Hickey

***Please consider volunteering for a regional or society level position or let us know if you think of anybody who would be good for any of the positions listed at the following link:***

**<https://www.ashrae.org/society-groups/committees/>**

**If you have a professional relationship with any local government officials, please let us know!**

The ASHRAE Northeast Chapter would like to reach out to them to promote sustainability topics. Government officials might include school board, state or provincial legislative committee, state or provincial agency, city council, county board, etc.



**DENNIS R. LANDSBERG, PhD, PE**  
**ASHRAE FELLOW & ASHRAE LIFE MEMBER**

# Special History Report

Dennis was born and raised in Brooklyn, NY. He received his BS in Aerospace Engineering in 1969 and his MS in Aeronautics and Astronautics in 1971 from Polytechnic Institute of Brooklyn and a PhD in Atmospheric Science in 1975 from the University of NY at Albany.

Work experience started in 1976 working for the Atmospheric Sciences Research Center as a Research Associate with Faculty Equivalent Status. A project in Solar Research, namely the Alumni House with Rist-Frost as the Engineering Firm brought Dennis into HVAC energy engineering. In 1977 he started work with The Fleming Group as Vice President. One notable project was the Jolly Tiger Restaurant on Central Avenue in Albany. This project was well ahead of the times for unique energy conservation measures. In 1985 Dennis started Landsberg Engineering, PC and serves as President. He also served as President of The Fleming Group until 1993. In 2006 he started and serves as President of L&S Energy Services, Inc.

Dennis was introduced to HVAC working on the University at Albany Solar Research and Training site. He enjoys HVAC because after 40 years he is still learning. He started with ASHRAE in 1979 after Bill Fleming, the senior partner in The Fleming Group and Chair of the Manual of Acceptable Practices for ASHRAE 90-75, introduced him to ASHRAE.

ASHRAE positions include Chair Guideline 14-2014, Secretary of TC 7.6, Chair of Dash Committee Liaison ISO 242 – Building Energy Management, Chair of TC 7.6 Subcommittee on Monitoring and Energy Performance, Lead Author of ASHRAE Energy Efficiency Guides on Existing Buildings, a voting member on SSPC 100, SPC 105, SPC211, script for e-learning, ASHRAE Handbook on Energy Audits.

Dennis is a Life Member of ASHRAE and has recently received status as an ASHRAE Fellow along with Bill Gerstler at the winter meeting of ASHRAE in Orlando, FL. He will also be receiving the Distinguished Service Award this year 2016.

Family includes his wife Marjorie, daughters Rebecca, Nancy and Jennifer, son-in-law Ross and granddaughters Eliana and Sophia. He enjoys golf, driving sports cars and fishing in his spare time.

Dennis would like to be remembered as an Energy Efficiency consultant saving the world one building at a time. He has given presentations to the Northeast Chapter on Energy Efficiency and will be presenting again in April 2016. His future involvement with ASHRAE includes becoming Chair of TC 7.6

*Stan Westhoff*  
Chapter Historian  
February 24, 2016





This webcast will feature industry experts who will define the importance of, and why we should strive for, net zero in the built environment. Viewers will be able to identify behaviors that create more effective ownership, design and construction teams, and will recognize the value of a collaborative process in building design and the impact on costs. With a strong emphasis on real-world applications, the program will also discuss the primary technical and financial challenges in achieving net zero buildings, and where this design approach can best be applied.

April 21, 2016  
1:00 pm to 4:00 pm EDT

**ASHRAE NORTHEAST is hosting this webinar at Trane's sales office!**  
Please RSVP to [Adam Feather](#) if you're interested in attending!

Lunch is available at \$12 a person.

Address: [301 Old Niskayuna Road, Suite 1, Latham, NY 12110](#)

# It's ASHRAE Clambake Time!!!



*Come Celebrate Our 75th Anniversary!*

**Thursday, June 9, 2016 4—8 PM**

Hinderwadel's Grove, North Syracuse

**Special 75th Anniversary Ticket Price — \$45.00**

## Fun, Food, Drinks, Games and More!

The bake is a continuous buffet featuring the following:

- Steamed clams, raw clams, clam chowder, roast pig
- Fried chicken, BBQ beef and pork sandwiches
- Desserts & beer on tap!

## Major Door Prizes!

60" Flat Screen, Uncle Sam Boat Tours, Adirondack Scenic Tours, greens fees at local courses, and more!

## Tickets Go On Sale May 1st!

For tickets contact Bonnie Henderson c/o Syracuse Thermal Products @ 315.437.7321

Tickets can be purchased through PayPal (\$46). To purchase tickets online, visit <http://centralnewyork.ashraechapters.org> and click on the link "Buy Clambake Tickets."

Mail checks payable to: CNY Chapter ASHRAE and send to:

Syracuse Thermal Products, Inc.

P.O. Box 398

East Syracuse, New York 13057

Contact Chris Devins (Chris.Devins@Trane.com) with any other questions



**ASHRAE NORTHEAST CHAPTER  
SCHOLARSHIP APPLICATION**

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

The ASHRAE Northeast Chapter Scholarship Program is designed to encourage and assist in the education of men and women pursuing a career in the field of heating, ventilating, air conditioning and refrigeration (HVAC&R) through its granting of scholarships. The program also serves the public interest by aiding in the education of men and women to become qualified to practice within the HVAC&R field.

**Personal Data**

Last Name		First Name		Middle Initial	
Student's Home Address					
City		State		Zip	
E-mail address		Home Phone			
Date of Birth		Citizenship			

**Education**

High School		H.S. Location	
H.S. Course of Study		Year Graduated H.S.	
College or University		Location	
Major		Cumulative Grade Point Average	
Anticipated College or University Graduation Date			
Other School		Location	
Course of Study		Year Graduated	
Anticipated Graduation Date			

**Education** *(continued)*

List of Engineering/ Technical Courses taken to date (applicant may refer to transcript):
Extra Curricular Activities and Hobbies:

**Professional Data** *(provide a brief resume of your work experience)*

Employer		From/To Dates	
Brief Job Description			
Employer		From/To Dates	
Brief Job Description			
Employer		From/To Dates	
Brief Job Description			

**Professional Goals**

What is your particular interest in a field(s) covered by ASHRAE, and describe one or more ways that the HVAC&R industry affects the lives of people in today's society. (300 words maximum, attach extra pages as required)

## References

Please provide a total of two references along with a separate letter of recommendation from either: Professor, Faculty, Business Person or Former Employer.
Name & Relation
Name & Relation
Please list any associations with ASHRAE Northeast chapter members.
Name & Relation

Basic Criteria which all Scholarships are granted:

1. Full time enrollment in a college, university, or technical institute. Undergraduate students should be entering their sophomore, junior or senior year with at least one full year of studies remaining in the year for which the scholarship is granted. Graduate students can apply at any point during their studies as long as they have at least one full year of studies remaining in the year for which the scholarship is granted.
2. Study that is applicable to service in the HVAC&R profession.
3. A cumulative grade point average (GPA) of at least 3.0 on a scale where 4.0 is the highest (attach official transcript).
4. Association with the region covered by ASHRAE Northeast Chapter (Capital Region) by attendance to a school in the area or permanent address in the area.

I believe all of the above information to be true and complete and I hereby apply to the American Society of Heating Refrigeration and Air-Conditioning Engineers –Northeast Chapter for an ASHRAE Scholarship. I certify that I am not receiving full funding for my education from an employer, any branch of the Armed Services or any other organization.

\_\_\_\_\_  
Signature of Applicant

\_\_\_\_\_  
Date

**APPLICATIONS MUST BE POSTMARKED BY Thursday, March 31th, 2016:**



Mail or email completed application to:

Dave Ricci

Johnson Controls Inc.  
116 Railroad Ave.  
Albany, NY 12205  
518-451-2700  
David.e.ricci@jci.com

# Employment Opportunities

## SEEKING A HVAC SALES SUPPORT SPECIALIST

### HVAC Sales Support Specialist

L.J. Early Co., Inc., a HVAC Manufacturers Representative Firm based in Menands, is seeking a Sales Support Specialist.

Responsibilities include, but are not limited to:

- Prepare quotations, process orders and provide customer service support
- Prepare equipment submittals for approval
- Enter, manage and process customer orders
- Provide ongoing support from order entry to final shipment
- Track orders and shipment dates
- Provide professional telephone and email communication

### Qualifications:

- Experience reading HVAC construction drawings and specifications
- Strong organizational, time management and planning skills
- Highly motivated individual to work independently as well as within a team
- Strong verbal and written communication skills
- Proficiency with Microsoft Office applications

Education or exposure to Science, Technology, Engineering and Math is a plus.

We offer a competitive salary and comprehensive benefits package.

Please visit [ljeary.com](http://ljeary.com) for more information.

Please send resumes to [DenisBoyce@LJEarly.com](mailto:DenisBoyce@LJEarly.com).

# Employment Opportunities

**We are currently accepting employment opportunity advertisements** for this year's newsletters. We have revised our cost for these postings. Rather than a set 'price' there is no cost, but we do highly encourage and appreciate any and all donations to RP, to aid in reaching our RP fundraising goal. Again, the newsletter is distributed to OVER 200 RECIPIENTS each month!

Interested in placing an ad? Please contact me at [adam.feather@trane.com](mailto:adam.feather@trane.com).

## Business Card Ads

The ASHRAE Northeast Chapter would like to thank the following sponsors for choosing to help us by making a donation to ASHRAE Research Promotion:

**We are currently accepting business card advertisements** for this year's newsletters. The cost of a business card ad is \$10.00 per month (this money goes directly to Research Promotion; it is not income for our chapter operations).

If you list an ad for the remainder of the year you will receive 1 month free and your ad will circulate to **OVER 200 RECIPIENTS** each month!

Interested in placing an ad?

Please contact me at [adam.feather@trane.com](mailto:adam.feather@trane.com).



ASHRAE, founded in 1894, is a building technology society with more than 50,000 members worldwide. The Society and its members focus on building systems, energy efficiency, indoor air quality, refrigeration and sustainability. Through research, standards writing, publishing, certification and continuing education, ASHRAE shapes tomorrow's built environment today.

