

ASHRAE Rochester



VOLUME 13, ISSUE 9

MAY 2019

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MONDAY, MAY 20, 2019
ASHRAE Picnic / Golf Tournament
To be held at
Ravenwood Golf Course

Reservation Deadline is... May 13th, 2019

 <p>RAVENWOOD GOLF CLUB</p>		
<p>Ravenwood Golf Course 929 Lynaugh Road Victor, NY 14564 Golf Registration 9:30 – 10:45 am Juice, Scones and Coffee Served 11:00 am - Shotgun Start</p>	<p><u>Picnic: 4:00 PM-7:30 PM</u> Cocktails & Hors d'oeuvres 4:00-5:30 PM Dinner: 5:30 PM – 7:30 PM <i>Dinner Catered By:</i> Dinosaur Bar B Que at Ravenwood Golf Club</p> 	<p><i>Four Man Scramble and Optional Skins Game</i></p> <p><u>Golf includes:</u></p> <ul style="list-style-type: none"> <input type="radio"/> Golf <input type="radio"/> Cart <input type="radio"/> Driving Range <input type="radio"/> Prizes <input type="radio"/> Beer & food at the turn

(See page 5 for more details)



Chapter Officers

President

Paul Kenna, PE
(585) 261-0558
Paul.kenna@pres-services.com

President Elect

Tom Streber
(585) 272-9450
tstreber@jswanson.com

Treasurer

Mike Benedict
(585) 490-2661
mike@airsystemsbalancing.com

Secretary

Scott Edwards
(585) 301-6591
scott.g.edwards@jci.com

Committee Chairs

CTTC

Jeff Wiedrick (585) 498-7919
jwiedrick@bergmannpc.com

Grassroots Government Advocacy

Marjani Wilson (585) 402-7069
mwilson@labellapc.com

Refrigeration Co-Chairs

Michael Nohle (585) 545-5522
mnohle@meiersupply.com
Sam Scorsone, PE (585) 429-3925 ext 3925
Samuel.Scorsone@wegmans.com

Historian

Jake Hall (585) 869-5125
jhall@proairplus.com

Membership

George Herman (585) 219-5908
george@hermanhvac.com

YEA

Matt Kremers (585) 398-8018
mkremers@mcsmms.com

Student Activities

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rhudson@ibceng.com

Board of Governors

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(585) 219-5908
George@hermanhvac.com

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(585) 402-7069
mwilson@labellapc.com

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(585) 498-7919
jwiedrick@bergmannpc.com

Matt Kremers (2)
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mkremers@mcsmm.com

Bret Fryover (1)
(585) 427-8888
fryoverb@erdmananthony.com

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(586)chrisb@rl-stone.com

Education

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bmurray@ec4b.com

Newsletter Editor

Scott Edwards (585) 301-6591
ashraerocnews@gmail.com

Attendance

Bret Fryover (585) 427-8888
fryoverb@erdmananthony.com

Publicity

Mark Kukla (585) 232-3440
mark@airsystemsbalancing.com

Research Promotion Co-Chairs

Matt Devlin
matthew.devlin@xerox.com
Zac Hess (585) 232-5137
zhess@bergmannpc.com

Webmaster

Steve Dear (585) 325-1290
sdear@crosbybrownlie.com

Nominating / Past President

Bill Clark (585) 303-0729
william.clark@dayautomation.com

Buyer's Guide

Pete Bukowski (585) 398-8018
pbukowski@mcsmms.com

ASHRAE 2018-2019 Meeting Schedule			
Date	Event	Theme	Location
Monday 5/20/2019	<i>Annual Picnic / Golf Outing at Ravenwood</i>	---	11:00 AM Golf 5:30-8:00 Picnic

PAOE

Chapter: ROCHESTER (011)
Chartered: 11/30/1955



Members
(CIQ)



Chapter
Reports



Chapter
Meetings



PAOE



Chapter
Settings

Expanded

Achievements

▶ Chapter Operations	Par: 1200	Min Points: 600	Total Points: 555
▶ Chapter Technology Transfer	Par: 1050	Min Points: 550	Total Points: 0
▶ Electronic Communications	Par: 600	Min Points: 250	Total Points: 50
▶ Government Affairs	Par: 650	Min Points: 500	Total Points: 1000
▶ Historical	Par: 300	Min Points: 100	Total Points: 205
▶ Membership Promotion	Par: 800	Min Points: 500	Total Points: 750
▶ RP	Par: 1050	Min Points: 800	Total Points: 855
▶ Student Activities	Par: 500	Min Points: 300	Total Points: 0

Mission Statement

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



Shaping Tomorrow's
Built Environment Today

Vision Statement

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

JOIN OUR TEAM!

SHARE IN OUR SUCCESS

We offer career growth potential and share in our company success through an excellent compensation package, including:

- Competitive base salary
- Performance bonus program
- 401K with company match
- Medical, dental and vision insurance plans
- Life and disability insurance
- Paid time off, holidays and MORE!

OPEN POSITIONS

PRES has several openings we are ready to hire for now!

Senior Electrical Engineer

Experience in power distribution, lighting and fire alarm systems

Senior Mechanical Engineer

Experience in HVAC and central plants for various building types

Project Manager

Experience in MEP construction/scheduling/cost estimating

Project Engineer (Mechanical or Electrical)

Experience in building infrastructure design and construction

Project Designer

Experience in AutoCAD for Mechanical, Electrical, and Plumbing systems

WHO WE ARE?

PRES, a STARK Technologies Group Company, is an Implementation Contractor that provides a diverse range of professional services, while focusing on energy related infrastructure projects to numerous private and public sector clients, nationwide.

We provide the framework for engineering, implementation and related consulting services to help our clients design, and then build, the most efficient project in compliance with their financial and sustainability objectives.

INQUIRE HERE!



For further details, questions, or to apply, please contact:

Jeffrey Close, P.E.

jeff.close@PRES-Services.com

585-752-4346

Paul Kenna, P.E.

paul.kenna@PRES-Services.com

585-261-0558

Thank you for your interest in working with PRES.

Connect With Us:





MONDAY, MAY 20, 2019
 ASHRAE Picnic / Golf Tournament
 To be held at
Ravenwood Golf Course

Reservation Deadline is... May 13th, 2019

 RAVENWOOD GOLF CLUB	
<p align="center">Ravenwood Golf Course 929 Lynaugh Road Victor, NY 14564 Golf Registration 9:30 – 10:45 am Juice, Scones and Coffee Served 11:00 am - Shotgun Start</p>	<p align="center"><u>Picnic: 4:00 PM-7:30 PM</u> Cocktails & Hors d'oeuvres 4:00-5:30 PM Dinner: 5:30 PM – 7:30 PM <i>Dinner Catered By:</i> Dinosaur Bar B Que at Ravenwood Golf Club</p> 

**Four Man Scramble and
Optional Skins Game**

Golf includes:

- Golf
- Cart
- Driving Range
- Prizes
- Beer & food at the turn

NO TICKETS WILL BE SOLD OR DISTRIBUTED AT THE DOOR!

TICKETS WILL BE MAILED TO YOU OR CAN BE PICKED UP AT THE R.F. PECK CO., INC.

*Please include check and make payable to:
 "ASHRAE – Rochester Chapter"*

Return this form....

Mail prior to May 13th, 2019 to:

Attention: Kacie Hoffman

R.F. Peck Co., Inc.

889 Atlantic Avenue

Rochester, New York 14609

Any questions, call (585) 697-0839 ext. 105

Email: khoffman@rfpeck.com

Address where you would like your picnic tickets sent to:

Company: _____

Contact Name: _____

Address: _____

City: _____ State: _____ Zip: _____

Phone: (Work) _____ (Home) _____

Ticket Request Form

Event	Fee Amount Each	# Attending	Total
Golf	\$95.00		\$
Picnic	\$55.00		\$
OR:			
Golf and Picnic (SAVE \$10.00)	\$140.00		\$
Total amount enclosed:			\$
Golfer #1	Golfer #2	Golfer #3	Golfer #4
Golfer #5	Golfer #6	Golfer #7	Golfer #8



2019 ASHRAE PICNIC SPONSORSHIP FORM

Monday May 20, 2019

 <p>RAVENWOOD GOLF CLUB</p>		
<p>Ravenwood Golf Course 929 Lynaugh Road Victor, NY 14564 11:00 AM – 4:00 PM - Golf 4:00 PM - 7:30 PM - Picnic</p>	<p>Picnic: 4:00 PM-7:30 PM Cocktails & Hors d’oeuvres 4:00-5:30 PM Dinner: 5:30 PM – 7:30 PM <i>Dinner Catered By:</i> Dinosaur Bar B Que at Ravenwood Golf Club</p> 	<p>Thank you in advanced for supporting this long standing ASHRAE Rochester Chapter tradition.</p>

Please include check (on notes put what sponsorship you made) and make payable to: ASHRAE Rochester Chapter

Mail to:
Attention: Jim Browe
RF Peck Company, Inc.
889 Atlantic Ave.
Rochester, NY 14609

Any questions, call Jim at (585) 697-0836 ext. 101
Email: jbrowe@rfpeck.com

Please fill out so we can correctly recognize you or your company:

Company: _____
OR
Individual Name: _____
Address: _____
City: _____ State: _____ Zip: _____
Phone: (Work) _____ (Home) _____

Sponsorship Form

Sponsorship	X for Sponsorship	Sponsorship Amount
Major Door Prize Sponsor – Gift/Item or Cash Donation- \$200 or more.		
Gold - \$250.00 - Hole Sponsorship and Recognition at Picnic		\$250.00
Silver - \$150.00 - Hole Sponsorship		\$150.00
Bronze - \$100.00 - Recognition at Picnic		\$100.00
Prize Sponsor - \$175.00 - Longest Drive		\$175.00
Prize Sponsor - \$175.00 - Closest to Pin		\$175.00
Total Check Amount:		

Highlights from April ASHRAE Meeting

Felix Perriello from Alliance Environmental Group, leads a discussion on Legionella to the Rochester ASHRAE Chapter during lunch at the City Grill on Monday April 8th.





Committee Updates

Refrigeration

Sam Scorsone and Mike Nohle visited a class of engineering Students on Friday, April 19th (Good Friday) and gave them a presentation on opportunities in the HVAC&R industry and specifically about opportunities in refrigeration wholesale distribution. The class instructor is Rob Stevens, PhD, Associate Professor, Mechanical Engineering Department. There were around 16 students in attendance.

Like us on Facebook!

Visit our new Facebook page by searching for "ASHRAE Rochester" on Facebook. Any ideas for additions or improvements email to Mark Kukla at mark@airsystemsbalancing.com. Keep up to date with current events and photos from recent meetings.



ASHRAE Membership Application

Save Time. Join Online at www.ashrae.org/join

Shaping Tomorrow's
Built Environment Today

Prices shown are valid from July 1, 2017 through June 30, 2018

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 (\$206)

Available to anyone with 12 years or more ASHRAE approved experience in the HVAC&R industry.

Associate Member (\$206)

Available to anyone with less than 12 years of ASHRAE approved experience in the HVAC&R industry.

Affiliate Member

(\$52 first year, \$78 second, \$103 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, including the ASHRAE Journal and ASHRAE Research archives
- 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 www.ASHRAEjobs.com

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, on ASHRAE technical committees, and ASHRAExChange.org
- 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.

Completed applications or questions can be sent to ASHRAE via
email: membership@ashrae.org | fax: 678-539-2129 | phone: 1-800-527-4723 or 404-636-8400
mail: 1791 Tullie Circle, NE, Atlanta, GA 30329

1. Contact Information. Mr. Miss Ms. Mrs. Dr. *Birthday (required) _____ / _____ / _____
 (Month) (Day) (Year)

Name _____
 (First) (Middle) (Last) (Designation)

Primary Address This is a Home Business Alternate Address This is a Home Business

Company Name _____ Company Name _____

Address _____ Address _____

City _____ State/Province _____ City _____ State/Province _____

Zip/Postal _____ Country _____ Zip/Postal _____ Country _____

E-mail _____ Alternate E-Mail _____

Telephone _____ Cell _____ Preferred Chapter Home Business Other _____

Name/Chapter of referring member (if applicable): _____

2. Member Grade.
 For additional information on member grades and benefits see reverse or visit ashrae.org.

Member — \$206 (must complete section 2a)
 Associate Member — \$206
 Affiliate Member — \$52 first year/\$78 second/\$103 third (new members, under 30)
 Reinstate my previous membership. Previous member number: _____

2a. Biographical Information. ONLY Member Grade applicants must complete this section. Use additional sheets or attach resume if necessary. Associate and Affiliate grade applicants do not complete this section.

School	Location	Dates of Attendance	Degree/Course of Study
Educational Record			
Employer	Location	Dates of Employment	Position/Title
Qualifying Work Experience			

Professional Engineering Registration Information License Number _____ Date Issued _____ Field of Registration _____ Location of Registration _____

3. Demographics. Please answer the questions by entering the codes in the space provided.

Which best describes your title? _____

B- President	S- Purchasing Agent
C- Partner	T- Draftsperson
D- Associate	U- Estimator
E- Owner	W- Technician
F- Vice President	X- Instructor
G- VP Eng. Chief Engineer	Professor
K- Design Eng./Designer	Y- Student
L- Proj./Application Eng.	Z- Librarian
O- Facility Eng./Mngr.	ZZ- Other
P- R&D Eng.	
R- Sales Engineer	

Which best describes your firm? _____

11- Consulting Eng.	51- Manufacturer
12- Architectural & Eng	61- Manufacturer's Rep.
15- Design/Build	62- Sales Engineering
21- Contractor	71- Wholesaler/Dist.
26- Property Mgmt & Dev.	83- Library
31- Industrial Facility	84- Tech/Prof Assoc.
41- Commercial Facility	85- Trade Assoc.
42- Gov't, Health, Education	86- Student
43- Utility	91- Other/Misc.

Which best describes your function? _____

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

4. Areas of HVAC&R Interest. Enter the code for your area of interest from the list below:
 Code: _____

Heating	Refrigeration
A- Hydronic	S- Unitary Refrigeration
B- Forced Air	T- Commercial Refg.
C- Steam	U- Industrial Refg.
D- Process	V- Process Refg.
E- Service Water	W- Low Temp (<60F)
F- Solar	X- Refg. Components
G- Radiant	
	General Areas
Ventilating & AC	1- Controls/Instrumentation
H- Air Cleaning	2- Heat Transfer Fluid Flow
J- Industrial	3- Pipes, valves, fittings
K- Clean/Computer Room	4- Refg. & Lubrications
L- AC Equip. <20 tons	5- Sound & Vibration
M- AC Equip. 20-200 tons	6- Insulation
N- AC Equip. > 200 tons	7- Energy Recovery
P- Air Handling Systems	8- Food Application
Q- Evaporative Coolers	9- Health, Safety
R- IEQ	10- Commissioning

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

I-P (inch/pound units), print with PDF
 SI (metric units), print with PDF
 PDF only (I-P & SI)

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

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

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

Card # _____ Expiration Date _____ / _____
 (Month) (Year)

Total Amount: _____ Signature _____

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

Application for Student Membership



Join online at www.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 and the quarterly High Performing Building Magazine
- 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 _____ E-mail _____

Phone: _____ Phone: _____

I would like to receive occasional student updates via email. | I would like to participate in the _____ ASHRAE Chapter.

2. Student Branch Information. School Name: _____

Address: _____

City: _____ State/Province: _____ Postal Code _____

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

Full time Part time Degree: _____ Expected Graduation Date: _____
 (MM/DD/YYYY)

4. Sponsor Information.

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

Sponsor Name: _____ ASHRAE Member #: _____

Advisor/Instructor: _____ Email _____

5. Purchases.

Student Membership- Regular: \$21 Student Membership- Developing Economies Program (see reverse for qualifications) \$11

Printed Edition of the current ASHRAE Handbook: I-P SI Student Member Price: \$49.00

PDF Version of the ASHRAE Handbook (Includes both I-P and SI Units) Student Member Price: \$39.00

ASHRAE Handbook Online - One Year Subscription to all four volumes of the Handbook series: \$33.00

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

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

Card # _____ Expiration Date _____ / _____
 (Month) (Year)

Total Amount: _____ Signature _____

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



Rochester Chapter - ASHRAE
 Board of Governors Meeting
 April 5th, 2019 7:30 AM - 8:30 AM
 Erdman Anthony, Culver Rd, Rochester, NY

MEETING MINUTES

- Call to Order Tom Streber
- Roll Call Scott Edwards

	Paul Kenna	President / CRC Alternate
X	Tom Streber	President Elect / Program
X	Mike Benedict	Treasurer
X	Scott Edwards	Secretary & Newsletter Editor
X	Bill Clark	Immediate Past President & Nominating / CRC Delegate
	George Herman	Board of Gov. (3) & Membership Promotion Chair (MP)
	Marjani Wilson	Board of Gov. (2) & Grassroots Government Advocacy Co-Chair
X	Jeff Wiedrick	Board of Gov. (2) & Chapter Technology Transfer Chair (CTTC)
	Matt Kremers	Board of Gov. (2) & Young Engineers in ASHRAE Chair (YEA)
X	Bret Fryover	Board of Gov. (1) & Attendance Co-Chair
	Chris Bove	Board of Gov. (1)
	Tim Duprey	Attendance Co-Chair
	Jake Hall	Historian Chair
	Matt Devlin	Research Promotion Co-Chair (RP)
	Zachary Hess	Research Promotion Co-Chair (RP)
	Rob Hudson	Student Activities Chair (SA)
	Al Rodgers	Awards & Recognition Chair
X	Bill Murray	Education
	Mark Kukla	Publicity
	Jim Browe	Picnic/Golf Chair
	Pete Bukowski	Buyers Guide
	Jody McGarry	Valentine's Dinner Dance
	Mike Nohle	Refrigeration Co-Chair
	Sam Scorsone	Refrigeration Co-Chair
	Jaimee Wilson	Women in ASHRAE, Chair
	Michelle Sommerman	Women in ASHRAE

- Review and Approval of Previous Meeting Minutes All
 - Motioned Tom Streber and second by Jeff Wiedrick

- Treasurer Report Mike Benedict
 - Financials from March Meeting will be reported in May. Need to obtain March lunch receipt from City Grill
 - Bank Accounts as follows:

3/31/2019	\$ 21,831.51	Business Checking
3/31/2019	\$ 21,699.40	Rewards Checking
12/2018	\$ 46,826.61	Wells Fargo
 - \$10 expense payment pending to Quinn Rowland for glue sticks for a WIA event. \$50 was allocated for this event. \$35 was spent (not including the \$10 above). The receipt has been misplaced. Paul K recommends reimbursing Quinn the \$10 based on using an email from Jaimee Wilson as the receipt.
 - Wells Fargo - need to update the authorized users of the account. It is recommended that the President, President Elect and Treasurer be listed. This will be a single name change yearly. Mike Benedict will complete the paperwork accordingly.
- President Elect/Program Tom Streber
 - April Meeting is PDH approved - Recognition, Evaluation and control of Legionella Colonization and Amplification, presented by Felix Perriello (Alliance Environmental Group)
 - May - Picnic and Golf Outing
- Attendance Bret Fryover
 - March Reservation Summary - 71 attendees
 - April - Current Reservation Numbers - 25 but expect more to register over the weekend
 - Bill Murray requests a running list over the last 2 years for PIE
- CTTC Report Jeff Wiedrick
 - New Project submission by May 1, 2019
- Membership Report George Herman
 - 264 members, 5 new members this month
- Student Activities Report Rob Hudson
 - Student presentations have wrapped up. No additional planned
- Education Report Bill Murray
 - Working with PIE to get membership straightened out
- YEA Report Matt Kremers
 - Frisbee golf is next event

- Awards & Recognition Report AI Rodgers
 - Please forward nominations to AI and Paul K
 - We will present at the annual golf/picnic event

- Resource Promotion Report Zac Hess / Matt Devlin
 - On track for goal

- Refrigeration Report Mike Nohle
 - RIT class visit for discussion on refrigeration - April 19 date set

- Grassroots Government Advocacy Report Marjani Wilson
 - Day on the Hill is scheduled for June 4th. They are currently having biweekly conference calls in support of this effort. Anyone wishing to be part of this event please let Marjani know.

- Women in ASHRAE Jaimee Wilson

Women in ASHRAE sponsored a Girls in Architecture and Engineering Event at Penfield Library. It is intended to be a fun and interesting program to introduce middle school girls to science-, technology-, engineering-, art- and math-based (STEAM) careers that they can explore further in high school courses and possibly consider for their own career options. The program is financially supported by The Architectural Foundation of Greater Rochester, which promotes the education and awareness of architecture in the community, and the ASHRAE Rochester Chapter.

The program is set up in three (3) two-hour sessions to introduce the girls to: building drawings, using scale, proportions, and programming; structural framing and building engineering systems; and 3D modeling and sketching, as well as career and schooling options/paths, through hands-on projects and presentations. Twelve girls attended the program from eight different Monroe County schools, and had fun learning about architecture and engineering. Some girls wanted the program to be even longer, and one girl said, "I didn't know women could be architects or engineers!", which is why the program is provided.

- Newsletter Report Scott Edwards
 - RES deadline 4/10
 - Still working on finding a newsletter editor for next year

- Buyers Guide Pete Bukowski
 - No New Report
 - Work in Progress

- Historian Report Jake Hall
 - No report

- Publicity Report Mark Kukla
 - As always, please send any meeting pictures to Mark

- Website Report Tim Duprey
 - Please direct updates to Tim
 - Mtg Reservation System - no new report
 - Golf outing is all set for registering

- Nominating Report Bill Clark
 - Nominations set
 - 3 speakers are set for RES

- Valentines Dinner Dance Report Jody McGarry
 - No new report

- Golf/Picnic Report Jim Browe
 - Monday, May 20th 11 am, at Ravenwood in Victor

- Presidential Award of Excellence (PAOE)
 - Please update on website

- New Business:
 - Any comments or items to discuss?
 - ASHRAE to reserve a table for the RES Gala for next Saturday

- Old Business:
 - Removal of Jeff Ellis from PayPal
 - 2017/2018 Audit - Paul Kenna to send resolution for approval

- Next BOG meeting to be Friday May 10th at PRES Energy

- Adjourn at 7:59am



FOR IMMEDIATE RELEASE

Media Contact:

Sherri Simmons

404-446-1660

ssimmons@duffey.com

ASHRAE to Continue Development of Building Water Management Standard

ATLANTA (April 2, 2019) – ASHRAE announced its intent to continue development of a standard to establish safe management practices for building water systems. Global public health organization NSF International recently transferred facilitation of *NSF Standard 444, Minimizing Risk of Disease and Injury Associated with Building Water Systems*, to ASHRAE to complete the standard development process and publish it as ASHRAE Standard 514.

Proposed ASHRAE Standard 514 will be designated as a safety standard. The committee will coordinate with SSPC 188, *Legionellosis: Risk Management for Building Water Systems*, to ensure there is no conflict or duplication between the two standards. Where appropriate the document will reference *ANSI/ASHRAE Standard 188-2018, Legionellosis: Risk Management for Building Water Systems*. The committee will use *NSF 444: Prevention of Injury and Disease Associated with Building Water Systems* as the base document.

ASHRAE Standard 514 will build on the foundations Standard 188 and Standard 444 have provided. Standard 188 focuses on *Legionella*, offering guidance on the implementation of water management programs in buildings, while Standard 444 provides methodology covering the prevention of injury and disease from *Legionella* as well as other waterborne pathogens, chemicals and physical hazards.

"Standard 514 will go further to address building water quality, the importance of managing safe, quality building water systems and prevention strategies," said 2018–2019 ASHRAE President Sheila J. Hayter, P.E. "We appreciate the contributions of NSF International and anticipate the publishing of a groundbreaking standard that will help safeguard building and public health."

Both ASHRAE and NSF International agree the standard is urgently needed to assist regulators, public health departments, building owners and health care facilities in better managing the risk of *Legionella* and other waterborne pathogens and hazards in building water systems and to help save lives.

"We're focused on getting the standard into the hands of people who can use it to prevent outbreaks of *Legionella* and other waterborne pathogens," said Jessica Evans, Director of Standards at NSF International. "We're proud of our contribution to this standard and we are confident ASHRAE will be able to bring all the necessary stakeholders together to finalize the standard."

NSF International and ASHRAE are both accredited by the American National Standards Institute (ANSI) to develop voluntary standards and both are required to comply with ANSI's Essential Requirements for openness, balance, consensus and due process. While ASHRAE will facilitate development of the standard, the actual content of the standard will continue to be developed by a committee of stakeholders from academia, public health, regulatory and industry sectors. Dozens of stakeholders from these sectors remain committed and engaged in the standard development process, including 21 voting members, 21 pending members and 95 observers from both NSF International and ASHRAE committees.

A call for members for Standard 514 is expected in early April with a 30 day deadline for new member applications.

The CDC estimates that between 8,000 and 18,000 people are hospitalized with Legionnaires' disease in the United States each year, with more than 7,500 cases reported in 2017.

About NSF International

NSF International ([nsf.org](https://www.nsf.org)) is an independent, global organization that facilitates standards development, and tests and certifies products for the food, water, health sciences, sustainability and consumer goods sectors to minimize adverse health effects and protect the environment. Founded in 1944, NSF is committed to protecting human health and safety worldwide. With operations in more than 175 countries, NSF International is a Pan American Health Organization/World Health Organization (WHO) Collaborating Center on Food Safety, Water Quality and Indoor Environment.

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