



Giga-Joule

April 2019

<http://www.ashrae4greenville.com/>

Meeting Announcement...

Topic: BUSINESS ETHICS

*Presented by: Dr William McCoy – Director of the
Robert J. Rutland Institute for Ethics at Clemson
University*

The **Greenville Chapter Meeting** will be held on **Tuesday, April 9th, 2018 at 11:30 AM**

Please RSVP to me for this Meeting by Noon on Monday, April 8th

Location: M.T. Anderson Support Center
100 Blassingame Rd
Greenville, SC 29605

PLEASE NOTE: We are in Conference Room B, but we will need to enter through main door at the front and check in

Program Cost includes catered lunch!

- \$15 via website: <http://www.ashrae4greenville.com/next-greenville-meeting>
- \$15 at door for chapter members, \$20 for non-chapter members

Education Credit: This Seminar qualifies for 1.0 PDH each (including NC PE).

If you have any questions, contact: Carson Carpenter at 864.527.0311 or ccarpenter@devitainc.com

Meeting Sponsor: **Sponsorships available!** Contact our Research Promotion officer Will Bailey at will.bailey@trane.com for more information on Company Meeting Sponsorships!!!



Message from the President

Jeremy Butdorf – President
ASHRAE – Greenville Chapter
864-270-3909
jeremyb@jmpco.com

Spring is in the air! Its an exciting month, I personally am excited for an upcoming vacation as well as the Masters Golf Tournament just a few weeks away. I am especially excited about this Month's meeting. Ethics is a very broad topic, but one that has been requested numerous times as an ASHRAE Presentation. Being a Clemson graduate, (if you couldn't tell from my picture...) I am extremely proud to have our presenter be the director of the Robert J. Rutland Institute for Ethics. Dr. William McCoy has an impressive resume and am so glad he is willing to come speak with us.

For those of you who weren't aware of the Rutland Institute for Ethics – as I wasn't – please see below the link to their website:

https://ethics.sites.clemson.edu/about_rutland.php

A direct quote by Robert Rutland, the institute's namesake, is listed at the top of the webpage. He states, "The purpose of the Institute for Ethics is to encourage discussion on campus, in businesses and in the community about how ethical decision-making can be the basis of both personal and professional success." I encourage everyone to please take a look at this site to learn more about this impressive organization.

I must give Devon Cortright a HUGE shout out for getting this meeting organized and set up with Dr. McCoy. I know this month's message from me isn't as light hearted and "punny" as usual, but this is a topic that I care about and am truly excited for. With that being said, this month, the first person to come up to me at the meeting and tell me one of the names of the advisory board members of the Rutland Institute for Ethics will win a prize. I hope each and every one of you can attend this meeting, and take the time to check out additional info on this organization

I look forward to seeing you at our April Chapter Meeting!!!

March Chapter Meeting - Presenter Spotlight



Presenter: Dr William McCoy – Director of the Robert J. Rutland Institute for Ethics at Clemson University

Program: Ethics

Dr. William C. McCoy is the director of the Robert J. Rutland Institute for Ethics (RIE) at Clemson University. The purpose of the Robert J. Rutland Institute for Ethics is to encourage discussion on campus, in business, and in the community about how ethical decision-making can be the basis of both personal and professional success. He recently developed Clemson's First Annual Ethics Day last October.

Previously, Dr. McCoy was the Director of Ethics Education and Diversity Initiatives for the College of Business at Northern Illinois University (NIU) in DeKalb, Illinois. In his previous role, he advised a student ethics organization, and served as chair of the Interdepartmental Faculty for Ethics Committee and the BELIEF (Building Ethical Leaders using an Integrated Ethics Framework) Corporate Advisory Board. Dr. McCoy also served as the liaison between the College of Business and NIU's office of Diversity, Equity and Inclusion. While at NIU, he was awarded the prestigious Supportive Professional Staff Presidential Award of service excellence and a certificate of university recognition for service excellence in 2014.

Dr. McCoy has a Bachelor degree in English (NIU), a Master's degree in Continuing and Vocational Education (University of Wisconsin – Madison), and a Doctoral degree in Educational Administration (Edgewood College). He also has past experience servicing as Vice-President at the Center for Sight & Hearing a Non-Profit organization in Rockford, Illinois and Corporate experience as Manager of Management Development & Corporate Quality at Wisconsin Physicians Service (WPS) in Madison, Wisconsin.

Dr. McCoy has a long history of serving in roles designed to help others. In the non-profit sector, he served as the Vice-President of the Center for Sight and Hearing in Rockford, Illinois – an organization designed to assist hearing and/or vision impaired individuals in the Northern Illinois/Southern Wisconsin region. In the corporate sector, he served as the Manager of Management Development and Corporate Quality for Wisconsin Physicians Service – one of the largest Medicare Part B providers in the nation. Dr. McCoy was also the first Managing Director for INROADS/Oklahoma, an organization that trains and develops minority talent and prepares them for corporate and community leadership.

Research Promotion



Will Bailey

Research Promotions Chair

will.bailey@trane.com

We are pleased to announce the Golf Tournament will be held on Monday, May 6th at Musgrove Mill Golf Club! We will be announcing sponsorship levels and sign ups soon. Be on the lookout for more info to come on this great event!

We appreciate your continued support for our local ASHRAE Chapter.

YEA - Young Engineers in ASHRAE



YEA Chair

Brandon Guy

bguy@greenville.k12.sc.us

Thank you to everyone who came out to our YEA event on 2/28 at the Swamp Rabbits Game at Bon Secours Wellness Arena for the hockey game and plant tour! It was a great event for friends and family!

We will be doing another YEA event in the near future, but if you have any questions in the meantime, March Forth, please let me know!

Treasury



Ryan Tonnsen

Treasurer Greenville ASHRAE

wtonnsen@greenville.k12.sc.us

Our finances remain stable and we continue to provide a great menu during our meetings. We voted during the BOG Meeting to increase the cost of meals for members to help cover the rising meal costs – but we will continue to offer quality lunches. Please continue to support ASHRAE by becoming a “Presenting Sponsors” - if you are interested in being a presenting sponsor, please let me know!

Thank you to Schneider Electric for Sponsoring our March Meeting!!!

Membership



Brandon Dillard

Membership Promotion Greenville ASHRAE

Brandondillard@gmail.com

Greetings ASHRAE Greenville! I am your Membership promotion chair for the year. Please continue to support ASHRAE by becoming a member if you aren't currently and also invite new potential members from your offices or someone you work with. If you would like to join, please let me know!!!

In efforts to keep you updated, visit us at:

WEBSITE: www.ashrae4greenville.com

LINKEDIN: https://www.linkedin.com/groups?home=&gid=8154388&trk=anet_ug_hm

EVENTCALENDR: View ASHRAE Greenville Chapter Meetings calendar

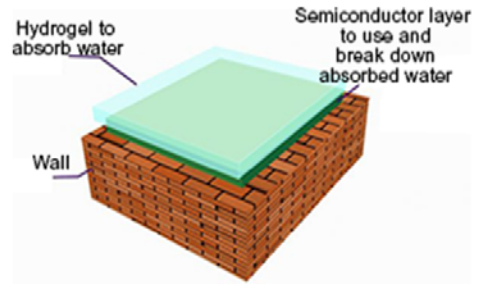
2018-2019 ASHRAE Greenville Chapter Board

Chapter President	Jeremy Butdorf
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YEA Chair	Brandon Guy

RESEARCH

Experimental Coating Keeps Buildings Cool

SINGAPORE—Researchers at the National University of Singapore have created a coating that absorbs moisture, which reduces relative humidity by 20% in seven minutes, leading to a decrease in perceived temperature of 7°C to 9°C (12.6°F to 16.2°F). The coating is based on zinc oxide and consists of two layers: a moisture-absorbing hydrogel and a water-digesting material which allows the hydrogel to continue absorbing water vapor from the air indefinitely. Applying the coating on at least one wall will be enough to keep a room cool without the use of air conditioning and without requiring any energy input. The new material is being piloted at indoor locations in Singapore before entering production.



GRAPHIC: The coating technology is self-sustaining. CREDIT: Temasek.

Using Machine Learning for Weather Forecasts Can Help Save Energy, New Research Finds

INDUSTRY TRENDS

New Mass. Plan to Push Energy Storage, Demand Response

BOSTON—Massachusetts utilities have won approval for a "nation-leading" plan to cut electricity and natural gas sales over the next three years. The 2019-2021 energy efficiency plan, approved by the Massachusetts Department of Public Utilities, would cut aggregate retail electricity sales by 2.7% and cut natural gas sales by 1.25% within the three-year period. The plan provides new tools for an energy-efficiency program run by the state's utilities that gives homeowners incentives to switch to electric heat pumps. For commercial and industrial users, energy storage, "strategic electrification," and demand response will be promoted.

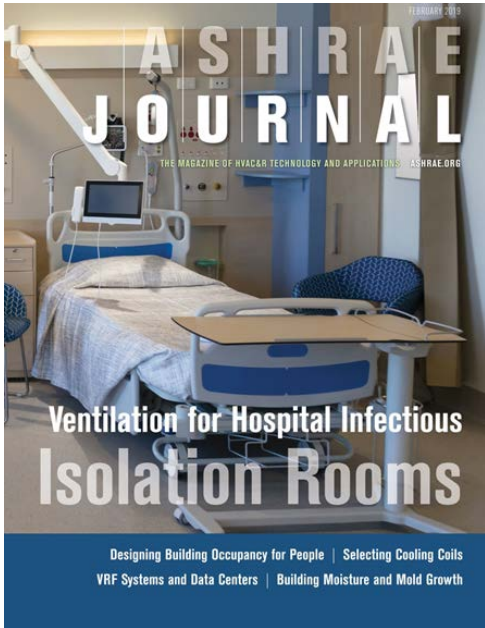


PHOTO: Boston's skyline. CREDIT: Massachusetts Dept. of Public Utilities.

ALL THIS AND MUCH MORE ON THE LINK BELOW:

[ASHRAE HVAC&R INDUSTRY NEWS LINK](#)

ASHRAE JOURNAL



The March 2019 issue of the ASHRAE Journal is available now online!
All of these products can be accessed and request from the ASHRAE
Website at the link below:

[ASHRAE JOURNAL ONLINE](#)