



# Inside APPA

LEADERSHIP IN EDUCATIONAL FACILITIES

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Questions? Comments? News?  
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Welcome to *Inside APPA*, your biweekly electronic news source for regional and international APPA events, programs, publications, and industry information.

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- APPA News
- Campus News
- Professional Development and Credentialing
- Information and Research
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## APPA Events

ADD YOUR OWN EVENTS!

### [APPA's Online Calendar of Events](#)

Focus on Educational Facilities

JUN 15, 2017

### [APPA Drive-In Workshop](#) Smyrna, GA (Georgia Tech Research Inst)

JUL 12, 2017 - *NEW DATE!*

### [APPA's ASHRAE Work Group Convener's Webinar](#)

1:00 - 2:00 p.m. Eastern  
Online - ASCC sponsored

JUL 20, 2017

### [APPA Emerging Professionals \(EP\) Summit](#)

San Francisco, CA

JUL 20, 2017

### [APPA Senior Facilities Officers \(SFO\) Summit](#)

San Francisco, CA

JUL 21-23, 2017

### [APPA/PCAPPA/BayAPPA 2017 Conference](#)

San Francisco, CA

AUG 15, 2017

### [APPA Drive-In Workshop](#)

Louisville, KY (Univ of Louisville)

SEP 10-14, 2017

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**APPA U: Institute for Facilities Management & Leadership Academy**

Providence, RI

SEP 21, 2017

**APPA Drive-In Workshop**

Rochester, NY (Univ of Rochester)

OCT 16-19, 2017

**ACUHO-I / APPA Annual Housing Facilities Conference**

Atlanta, GA

**APPA Region & Chapter Events**

JUN 14-16, 2017

**MD/DCAPPA Conference**

Cumberland, MD

JUN 18-19, 2017

**WYOAPPA Conference**

Casper, WY (Casper College)

JUN 19-23, 2017

**SRAPPA - Supervisor's Toolkit**

Auburn, AL (Auburn Univ employees only)

JUL 12-14, 2017

**MiAPPA Summer Conference**

Big Rapids, MI (Ferris State Univ)

JUL 21-23, 2017

**PCAPPA and BayAPPA Conferences (in conj. with APPA 2017)**

San Francisco, CA

AUG 7-11, 2017

**SRAPPA - Supervisor's Toolkit**

Charlotte, NC (Univ of North Carolina Charlotte)

SEP 17-21, 2017

**Joint MAPPA/CAPPA Conference**

St. Louis, MO

SEP 18-20, 2017

**RMA Conference**

Jackson, WY

OCT 25-28, 2017

**SRAPPA Conference**

Charlotte, NC

aerogenes within two hours of exposure on a painted surface. Paint Shield® offers an important new tool to help prevent the spread of bacteria on painted surfaces.



The Green Clean Schools program, presented by Healthy Schools Campaign and ISSA, offers the elements of an effective green cleaning program. This program features expert panels and a guided tour of the ISSA/INTERCLEAN expo floor, with stops focused on the needs of green cleaning programs in education facilities.

**HEADLINE NEWS**

**September APPA U Sessions Now Open for Registration**



Whether you're interested in the Institute for Facilities Management, APPA Leadership Academy, or Graduate Programming offered by APPA U, registration is now open for these practical, resource-packed sessions coming up in September.

The Institute, Academy, and Navigating the Facilities Portfolio at APPA U will be held September 10-14, 2017, in Providence, RI.

For details, go to [http://www.appa.org/home\\_appau.cfm](http://www.appa.org/home_appau.cfm).

**Glenn Smith Named Chair of ASCC's Facilities Terms and Definitions Work Group**



Glenn Smith, APPA Past President and APPA Fellow, has been named chair of the APPA Standards and Code Council (ASCC) Facilities Terms and Definitions Work Group.

Smith retired in 2016 after serving as director of facilities services at Bryn Mawr College for many years. Before that, he spent 24 years as a Navy Civil Engineer Corps officer, planning, constructing, and maintaining buildings and infrastructure at naval and Marine Corps installations around the world.

The Facilities Terms and Definitions Work Group was established under the auspices of the ASCC to create an ANSI standard (**APPA 1100 - Facility Terms and Definitions**) to establish a database—of nationally recognized terms and definitions used by facilities, building, or supporting infrastructures—to be

OCT 29-NOV 1, 2017

### [ERAPPA Conference](#)

Washington, DC

## Other Events

JUN 28, 2017

### [Moving the Needle on Commute Mode Through TDM \(Transportation Demand Management\)](#)

AASHE Webinar  
3:00 - 4:30 p.m. Eastern

JUL 24-25, 2017

### [PGMS School of Grounds Management Summer Conference](#)

Charlotte, NC

SEP 17-20, 2017

### [TEFMA Conference](#)

Melbourne, Australia

OCT 15-18, 2017

### [AASHE Stronger in Solidarity Conference](#)

San Antonio, TX

OCT 17-19, 2017

### [HEFMA Conference](#)

University of Pretoria  
Pretoria, South Africa

OCT 18-21, 2017

### [PGMS School of Grounds Management and GIE+Expo](#)

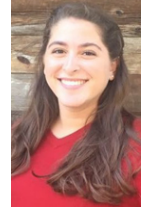
Louisville, KY

housed on the APPA website. Areas of application for this standard include project delivery (planning, design, construction and commissioning), maintenance and operations, energy, utilities, environmental stewardship, planning, design, and construction.

## APPA NEWS

### APPA Welcomes Summer Intern

**Sarah Dosik**, APPA's intern this summer, will start her junior year at Christopher Newport University, Newport News, Virginia, this fall. She is working on a major in communications with a minor in philosophy of law. She is passionate about animal rights, and is looking into working at an association where she can combine those interests after she graduates in the spring of 2019. She is a member of the CNU chapter of *Her Campus*, an online magazine for college women, where she has had some articles published. Sarah is assisting APPA on a number of publications and communications projects.



### There's More to Learn and More Connections to be Made at APPA Regional and Chapter Conferences This Summer

APPA's chapters continue to offer great opportunities to heat up your professional development and networking efforts this summer. Check out these upcoming chapter conferences for your opportunity to learn and network among APPA colleagues.

*Upcoming chapter conferences include:*

June 14-16: Maryland/D.C. (Cumberland, MD)

June 18-19: Wyoming (Casper)

July 12-14: Michigan (Big Rapids)

July 21-23: BayAPPA / in conj. with APPA and PCAPPA (San Francisco, CA)

[Visit the APPA Chapter page for more information about these exciting events.](#) If you have any chapter or regional programs to list, send them to Steve Glazner at [steve@appa.org](mailto:steve@appa.org).

### APPA's Lands' End Store Expands



Visit the [Lands' End APPA store](#) today and purchase apparel and other gear of your choice, personalized with the APPA logo. All products available for personalization – jackets, backpacks, T-shirts, polo shirts, caps, totes, coolers, etc. – can now be enhanced with the APPA logo and are backed by Lands' End's product guarantee.

If you have any questions, contact [Anita Dosik](#).

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### Thank You for Renewing Your APPA Membership!

Our heartfelt appreciation to everyone who has paid APPA membership dues for the 2017-18 administrative year! For those who haven't yet done so, be sure to keep membership benefits coming for yourself and your staff. *Facilities Manager* magazine, access to the Book of Knowledge (BOK), and special member pricing on bookstore purchases and registrations to APPA U or the annual conference are just some of the many benefits you enjoy as an APPA member. You can go online or send renewals by mail, but however you prefer to renew, don't let another day go by!

APPA membership renewal for the 2017-2018 membership year is available through myAPPA. If you have any questions about your membership status, invoice, or benefits, contact our membership team at [membership@appa.org](mailto:membership@appa.org) or 703-684-1446.

## CAMPUS NEWS

### U Texas at Austin Wins Award for Innovative Irrigation Program

An irrigation system at the **University of Texas at Austin** has won the Texas Environmental Excellence Award for Water Conservation from the Texas Commission on Environmental Quality. The system was developed by **Markus Hogue**, program coordinator for irrigation and water conservation and a licensed irrigator for the campus.



An audit revealed that the university's irrigation system could not monitor and adjust water use during irrigation and in times of drought. Hogue spent the last six years redesigning and updating the university's central irrigation system. The new system includes a live weather feed, evapotranspiration data mechanisms, rain buckets, low precipitation nozzles, flow monitoring with the ability to regulate irrigation schedules, and detection that automatically shuts down leaks in the system.

The new irrigation system also collects and stores water data. Faculty and students have access to the data, which is incorporated into university courses and student research. The system has resulted in a 66 percent drop in water use over the last six years, which saves more than 100 million of gallons per year and eases demand for water use on landscaping, even during recent drought conditions.

An online irrigation dashboard helped the school win the award. Hogue has figured out a way to visualize the irrigation usage on campus and publish the data online on an interactive map. He presented a podcast about it with the EPA and Alliance for Water Efficiency a few months ago.

### Madison College Plans Major Solar Installation



**Madison Area Technical College** in Madison, WI, will add \$1.8 million to a grant from Madison Gas and Electric (MGE) to build a 1,400 kilowatt solar photovoltaic (PV) system on top of its main Truax Campus building. The system will be accessible to students; serve as a demonstration of new, clean energy technology in the community; and could save the campus more than \$200,000 per year in electricity costs.

"Our system will be the largest rooftop PV system in Wisconsin," said **Ken Walz**, chemistry and engineering instructor and director of the Center for Renewable Energy Advanced Technological Education. "On a sunny day, the system will reduce the college's peak electric load by about 50 percent. Averaged over an entire year, it will offset about 10 to 15 percent of the college's total electric consumption."

Madison College is one of three colleges behind the Center for Renewable Energy Advanced Technological Education (CREATE), which works to advance renewable energy education by supporting two-year college renewable energy programs.

### Northwestern Applies "Simple Fix" to Saving Energy



With a simple fix, **Northwestern University** has achieved a 90 percent reduction in wasted energy since 2013, amounting to savings of nearly \$2 million per year. The secret? Fixing leaky steam traps.

Steam traps are automatic valves that filter out condensate collected in pipes. The condensate is then recycled back to a boiler to be converted into high-pressure steam that shoots through an elaborate labyrinth of pipes to deliver energy to more than 200 buildings on the Evanston, IL, campus.

**Dave Vandas**, chief maintenance engineer for Northwestern University Facilities Management, and his team assessed the state of the university's 1,851 steam trap valves and reduced the failure rate of those traps from 23 percent to just 4 percent over the past four years. Every year, NUFM staff spend eight hours per day for three weeks straight on inspecting all 1,851 steam traps.

## PROFESSIONAL DEVELOPMENT AND CREDENTIALING

### APPA Conference & Exhibition Hotel is Filling Up Fast



Is your organization ready for what is to come? APPA/PCAPPA/BayAPPA 2017 will capitalize on a unique, historical collaborative opportunity by bringing you powerful general sessions and informative concurrent presentations over the course of the conference: July 21-23 in San Francisco, CA. Your attendance will ensure that you and your organization team will be better prepared for the future.

Critical topics to be addressed in conference sessions include The Clarity Imperative, The State of Facilities in Higher Education, The Future Belongs to Those Who Dare, and much more. Experts from our community will bring their best practices and industry practitioners will share their perspectives as we prepare for success and embrace the change that is coming.

For current program details, go to <https://www.appa.org/training/APPA2017/index.cfm>, and get ready to confront the present and prepare for the future of educational facilities. **Register today** at <https://www.appa.org/training/eventregistration.cfm>.

### ERAPPA and SRAPPA Host Upcoming Supervisor's Toolkit Training Programs

APPA has the training that you—or your staff—need to advance to supervisor or enhance your supervisory skills through the innovative [Supervisor's Toolkit](#) training program.

Supervisor's Toolkit

Nuts and Bolts of Facilities Supervision

The structured, open-ended, pragmatic approach is designed especially to help the educational facilities supervisors realize both

personal and professional growth. The program provides a full week of training to help participants respond to the forces that are transforming the role of supervisor.

To participate in the remaining summer offerings, go to

<http://www.appa.org/training/toolkit/index.cfm>:

ERAPPA - Montclair State University, **June 19-21, 2017**

SRAPPA - Auburn University (AU employees only), **June 19-23, 2017**

SRAPPA - University of North Carolina Charlotte, **August 7-11, 2017**

If you have any questions about the Supervisor's Toolkit program or would like to host a Toolkit on your campus, contact Corey Newman at [corey@appa.org](mailto:corey@appa.org).

### **Next Cohort Group to Prepare for CEFP or EFP Exams Begins in Only Two Days!**



APPA members aiming to take the APPA Credentialing Course, a 90-day online course designed to help you prepare for either the CEFP or EFP examination with peers throughout APPA's six regions, now can select their cohort groups. One cohort is currently open for registration: You only have two days until Group L begins on **June 16**.

APPA also offers the same course as a Fast Track, or express, version that is four weeks in length. The 90-day course and the Fast Track course offer the same Customized Interactive Learning Platform, which consists of a forum, interactive flashcards, learning modules with knowledge checks, four live webinars, practice exams and quizzes, and access to the Study Guide and Body of Knowledge (BOK). Those who complete the course will have 30 days to take their exams.

For more information, visit APPA's credentialing website at <http://credentialing.appa.org/> or contact Credentialing Coordinator Kelly Ostergrant, CAP, at [kelly@appa.org](mailto:kelly@appa.org).

## **INFORMATION AND RESEARCH**

### **Opportunity to Save 10%: APPA Bookstore Sale Runs through June 30**

Take advantage of this great savings opportunity! To **save 10 percent** on the many invaluable offerings from the [APPA Bookstore](#), simply visit the APPA bookstore and use the **discount code SUMMER17** at checkout. The discount applies to *all* of our publications, including the popular *Operational Guidelines* trilogy; *Product-Process-People*; *Effective and Innovative Practices for the Strategic Campus Facilities Manager*; and the environmental sustainability and energy efficiencies books in our Critical Issues series. Save 10% off your entire order today!

### **New Date for Webinar for APPA ASCC ASHRAE Work Group Convener's Meeting**



The APPA Standards and Codes Council (ASCC) invites all APPA members to participate in a [webinar meeting](#) of the newly established ASCC ASHRAE Work Group, from 1:00-2:00 p.m. Eastern time on **Wednesday, July 12**. (Please note that this is a revised date.)

This webinar event will identify key areas of importance to educational facilities as they relate to ASHRAE standards. In addition to learning more about the Work Group and its upcoming activities, attendees will have an opportunity to enhance their understanding of and familiarity with ASHRAE standards affecting their operations and campus buildings. **David Handwork**, Arkansas State University, will serve as chair of the ASCC ASHRAE Work Group.

Among its areas of responsibility on behalf of APPA and its standards and codes program are:

1. Track and monitor all ASHRAE standards applicable to APPA member institutions.
2. Offer comments and proposed changes to ASHRAE standards on behalf of APPA and its members.
3. Solicit and analyze input from APPA members before an established deadline on proposed changes to the ASHRAE standards and codes.
4. Publish information through APPA to raise awareness of current requirements and pending changes found within the ASHRAE standards.
5. Provide representation and oral comments, where needed, on ASHRAE standards committees, public hearings, task forces and workshops.

To register for the webinar, go to <http://www.appa.org/ASHRAEWG>. To learn more about the work of this group by participating in the webinar, contact Billie Zidek, standards and codes administrator, at [billie@appa.org](mailto:billie@appa.org) or by telephone at 703-542-3846.

### Expanded FPI Report Now Available for Survey Participants and Interested Colleagues

APPA's 2015–16 expanded Web-based **Facilities Performance Indicators (FPI)** report is now available for both survey participants and non-participants to purchase. The FPI report empowers educational facilities professionals with the vital data, statistical references, and reporting tools they need to measure operations and performance, identify capital asset realities, and lead a successful facilities strategy that supports an institution's mission and vision.



The FPI report can help you make the business case for your facilities needs; address capital asset realities; create a balanced performance score card based on critical data findings; and compare and contrast your facilities operations with other institutions.

This is the only report readily available on the costs and practices of facilities operations at educational institutions. Based on an annual survey of colleges, universities, K–12 organizations, and other educational entities, the FPI report includes data from nearly 300 institutions allowing extensive comparisons of average costs for different types of space and institutions such as staffing levels, salaries, and performance levels for custodial, grounds, maintenance, and other functional areas.

The report is free to APPA member survey participants; \$500 for APPA member/non-survey participants; and \$895 for APPA nonmember/survey participants.

## INDUSTRY NEWS

### USGBC Makes Statement on Withdrawal of the U.S. from the Paris Agreement



The U.S. Green Building Council (USGBC) has issued a statement in response to the withdrawal of the U.S. from the Paris Agreement on climate change: “We implore you to stay strong and focused and to keep building. And remember: we stand with you, and we are all in. Let’s continue to LEED on.”

The statement also says: “... the Paris Agreement, under the UN Framework Convention on Climate Change (UNFCCC), establishes voluntary actions to address greenhouse gas emissions and global climate change mitigation and adaptation—and 194 countries around the world are signatories .... We are deeply disappointed to learn of the administration’s

decision to withdraw from the historic Paris Agreement ... we have reached the point where the transition to a low-carbon economy is inevitable, but making the transition remains urgent.”

For the full statement, go to <http://tinyurl.com/y7p3wr8p>.

### **Blog Post Offers Tips on Working with Millennials**

In a blog post about “[Millennials: Your Best Asset Management System](#),” Charlie Jurgens suggests that facilities managers embrace the younger generation of employees: “They’re the next wave to come crashing into the shores of the workforce and they’re going to become your favorite asset management system.” The crucial issue: “Promoting the trade and finding the eager talent.”

Millennials “love teamwork,” “have goals to save the world,” and prefer software to paper for work orders: “Millennials are going to truly shine when they find themselves combining the tactile tinkering of facilities with the newer software becoming available. This generation was the last to witness and experience the world without Internet and smartphones, but the first to learn and optimize their usage while growing up.”

For tips on recruiting millennials in facility management, making millennials feel like part of the team, enhancing general knowledge of the job roles and industry, using collaboration to prevent future maintenance, and other ways to “spark the curiosity of the young,” go to: <https://blog.akitabox.com/millennials-are-your-best-asset-management-system>.

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APPA promotes leadership in educational facilities through a variety of forums that address trends, issues, and best practices in educational facilities management. We are the association of choice for more than 16,000 educational facilities management professionals throughout the United States and abroad.

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